TETRA TECH

January 26, 2023

Mr. Ryan Dunham
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Subject: **Site History and Status Report**
Bauer Tailings Site
Stockton, Tooele County, Utah
U.S. EPA Region 8, START, Contract No. 68HE0820D0001
Task Order No. 68HE0820F0083
Technical Direction No. 2083-2112-03

Dear Mr. Dunham:

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) is submitting Revision 0 of the Site History and Status Report for the Bauer Tailings Site (Site) in Stockton, Tooele County, Utah. The goal of this report is to summarize historical information about the Site and to describe current site conditions.

If you have any questions or comments regarding this submittal, please call me at (303) 312-8803.

Sincerely,

Madison Ericson
START TD Project Manager

Enclosures

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SITE HISTORY AND STATUS REPORT

Bauer Tailings
Stockton, Utah

Superfund Technical Assessment and Response Team (START) V Contract
Contract No. 68HE0820D0001
Technical Direction No. 2083-2112-03

Prepared For:
U.S. Environmental Protection Agency
Region 8
Superfund Division
1595 Wynkoop Street
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January 26, 2023

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-containing material
AOI	Area of interest
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
E&E FIT	Ecology and Environment, Inc. Field Investigation Team
EPA	U.S. Environmental Protection Agency
EDR	Environmental Data Resources, Inc.
LBP	Lead-based paint
NPL	National Priorities List
OU	Operable unit
PCB	Polychlorinated biphenyl
ppm	Parts per million
RCRA	Resource Conservation and Recovery Act
RML	Removal management level
ROD	Record of decision
SEMS	Superfund Enterprise Management System
SIP	Site inspection prioritization
START	Superfund Technical Assessment and Response Team
Site	Bauer Tailings Site
TAL	Target analyte list
Tetra Tech	Tetra Tech, Inc.
TCRA	Time-critical removal action
UDEQ	Utah Department of Environmental Quality
URS	URS Consultants, Inc.
USDEH	Utah State Division of Environmental Health
XRF	X-ray fluorescence

EXECUTIVE SUMMARY

The U.S. Environmental Protection Agency (EPA) Region 8 Superfund Division tasked the Tetra Tech, Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START), under Contract Number 68HE0820D0001, Task Order Number 68HE0820F0083, Technical Direction Number 2083-2112-03, to prepare this Site History and Status Report for the Bauer Tailings Site (the Site).

The purpose of this report is to summarize historical information about the Site and to describe current Site conditions. This executive summary is presented for convenience only. Although the executive summary is an integral part of the report, it should not be used in lieu of reading the entire report, including the appendices.

The Site comprises 425 acres and consists of one structure on three parcels (parcel identification numbers 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027). The Site is owned by Sea Ray Investments LLC. The Site is currently unoccupied vegetated land.

The Site was historically used as a milling and processing operation of lead-silver ores from the 1920s to 1979. In 2021, EPA conducted a Comprehensive Environmental Response, Compensation, and Liability Act time-critical removal action (TCRA) at the Site to mitigate the threat from two large areas of tailings and mine waste.

In January and February 2022, additional soil sampling was conducted in the areas surrounding the TCRA capped area and the adjacent parcels that border the Site to the northeast. The soil sampling results indicate that lead and arsenic contaminants are present in the soil surrounding the TCRA capped area at concentrations above EPA industrial soil removal management levels.

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 8 Superfund Division tasked the Tetra Tech, Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START), under Contract Number 68HE0820D0001, Task Order Number 68HE0820F0083, Technical Direction Number 2083-2112-03, to prepare this Site History and Status Report for the Bauer Tailings Site (the Site).

The Site comprises 425 acres and consists of one structure on three parcels (parcel identification numbers 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027). The Site is owned by Sea Ray Investments LLC. In 2021, EPA conducted a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) time-critical removal action (TCRA) to mitigate the threat from two large areas of tailings and mine waste. The Site is currently unoccupied vegetated land. The Site was historically used as a milling and processing operation of lead-silver ores from the 1920s to 1979.

1.1 PURPOSE

The primary goal of this report is to summarize historical information about the Site and to describe current Site conditions.

1.2 SCOPE OF WORK

EPA developed the scope of work for activities at the Site. The scope of work was to (1) summarize all records obtained from state and local agencies, (2) conduct a Site reconnaissance, (3) summarize current Site conditions, and (4) summarize past investigations and removal actions conducted on the Site.

1.3 SIGNIFICANT ASSUMPTIONS

The following are beyond the scope of this evaluation: sampling and analysis for radon in indoor air, lead in drinking water, and asbestos-containing materials (ACM); screening for lead-based paint (LBP); evaluations of indoor and outdoor air quality, regulatory compliance, industrial hygiene, and noise impacts; and identification of geological or geotechnical hazards.

1.4 LIMITATIONS AND EXCEPTIONS

This report was based partially on information supplied to START from outside sources and on information available in the public domain. This information is on file at START's office in Denver, Colorado. START makes no warranty as to the accuracy of statements made by others that may be conveyed in the report. There are no other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with current, generally accepted

practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. START does not assume responsibility for discovery and elimination of hazards that could cause accidents, injuries, or damage. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

1.5 STATEMENT OF USER RELIANCE

START is not required to verify independently the information provided to it by the user or gathered throughout the course of this report. For this report, EPA Region 8 and the Utah Department of Environmental Quality (UDEQ) may rely on information provided unless knowledge is possessed that certain information is incorrect based on additional information obtained during the course of this report or otherwise known by the person preparing this report.

2.0 SITE DESCRIPTION

This section describes the Site and the physical setting based on information obtained from EPA Region 8, UDEQ, and a records review. Observations during the Site visits regarding current land use at the Site and adjoining properties are described in Section 3.0.

2.1 SITE LOCATION AND LEGAL DESCRIPTION

The Site is located at 40.4715093, -112.3681012 in Tooele County, Utah (Appendix A, Figure 1). The Site is 425 acres and consists of three parcels (parcel identification numbers 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027), including the former town of Bauer. The legal description of the parcel is provided on the property records cards retrieved from the Tooele County assessor property search in Appendix D-1 (Tooele County 2022) and in the Environmental Data Resources, Inc. (EDR) environmental lien report in Appendix B (EDR 2022a).

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The 425-acre Site is within a rural area on the south side of Tooele Valley to the west of the Oquirrh Mountains directly northeast of South Mountain. The Site consists of one structure, access roads, former structure foundations, two capped large areas of tailings and mine waste, and vegetated open areas. The Site is bounded to the north by vacant vegetated land, Bauer Road, and the Harper Rock Quarry with the Tooele Army Depot beyond; to the east by the Tooele County Solid Waste Management Landfill and railroad tracks with a rock quarry and State Highway 36 beyond; to the south by the Stockton Bar with residential properties and the town of Stockton beyond; and to the west by vacant vegetated lands and the Harper Rock Quarry with Smith Mountain beyond.

2.3 CURRENT AND PAST USES OF THE SITE

The Site is currently owned by Sea Ray Investments, LLC. In 2021, EPA conducted a CERCLA TCRA to mitigate the threat from two large areas of tailings and mine waste. The Site is currently unoccupied vegetated land. Figure 2 in Appendix A illustrates the Site features.

In the early 1860s, the area surrounding the Site and the former town of Bauer began to be mined for lead-silver carbonates. In 1920, the Bullion Coalition Company constructed the gravity concentrating mill at the portal of the Honerine Tunnel, formerly located on the southeast portion of the Site. This facility, located just northwest of the town of Stockton, came to be known as Bauer and was both purchased and expanded by the Combined Metals Reduction Company in the 1920s (EPA 2021). The Bauer site was an active dump for silver and lead ore smelting waste from the 1920s until 1979 when mining of the

Honerine Tunnel ceased (UDEQ 2021). The town of Bauer was abandoned shortly after mining ceased and demolished in the mid-2000s (UDEQ 2021). The Toole County assessor property search lists deed sales for the Site in 1988, 1993, 1995, 1997, 1999, 2000, 2005, 2006, 2009, and 2011 (Tooele County 2022). According to a trustee's deed dated October 6, 2011, Sea Rays Investments, LLC purchased the Site from Michael A. Day (EDR 2022a).

2.4 DESCRIPTIONS OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

Improvements at the Site include one shed structure. The current use for the shed is unknown because it was locked during the Site visit. Along with the building, the Site also contains a dirt access road on the northeast portion of the Site, remnants of concrete foundations and footings of the former mill, and 160 acres of mine tailings capped with a minimum of 10 inches of local alluvium and gravel.

2.5 CURRENT AND PAST USES OF ADJOINING/SURROUNDING PROPERTIES

The Site is generally within a rural and industrial area. According to a review of historical documents, the adjacent properties to the north, south, and west have historically been vacant vegetated land (EDR 2022b).

Adjacent properties to the east and southeast were part of the lead-silver ore processing and mining operations until the mill closed in 1979. The adjacent properties to the northeast, east, southwest, and northwest have been used for industrial and commercial purposes, including:

- The adjacent property to the northeast was developed as the Blackhawk Resin and Adhesive Plant in 1947. The plant burned down in 1978, and the property has remained vacant. Additional information regarding the former Blackhawk Resin and Adhesive Plant is discussed in Section 5.1.1.
- The adjacent property to the east was developed as the Tooele County Landfill in 1997 (EDR 2022b).
- The adjacent property to the southwest has been industrially developed since 2021 and is currently operating as a rock quarry.
- The adjacent property to the northwest has been industrially developed since 2011 and is currently operating as a rock quarry.

2.6 GEOLOGIC, HYDROGEOLOGIC, HYDROLOGIC, AND TOPOGRAPHIC CONDITIONS

The following subsections describe the environmental setting of the Site and surrounding area.

2.6.1 Topography

The Site is 4,878 feet above mean sea level (EDR 2022c). The topographic gradient of the area is generally in the north-northwest direction toward the Great Salt Lake (EDR 2022f).

2.6.2 Geologic Setting

The Site is in Tooele County in northeast Utah. Geology in the region is generally characterized by continental deposits overlying Cenozoic bedrock. The primary soil components at the Site are slickens and mine dumps, Berent loamy fine sand, and Abela gravelly loam. The Berent series consists of deep, well-drained to excessively drained sands and gravels with high infiltration rates. The Abela series consists of deep, moderately well-drained course texture soils with moderate infiltration rates (EDR 2022a).

Additionally, the Site is located in the Oquirrh Range within the Stockton Mining District, which is made of sediments, mostly limestone and quartzite, deposited in interbedded lenses. Dikes, sills, and small stocks appear to have been extruded along pre-existing faults, providing the mechanism for extensive lead, silver, zinc, and copper ore veins. The valley floor consists of interfingered lake sediments, alluvial fans, deltas, and shore deposits from the historic Lake Bonneville. Significant gravel bars, such as the Stockton Bar, rise from the valley floor and intermix with these historic deposits (UDEQ 2021).

2.6.3 Hydrogeology

The local gradient and groundwater flow direction under the Site may be naturally influenced by zones of higher or lower permeability, nearby wetlands, or nearby wells. According to the record of decision (ROD) for the Chemical Range (off-post), groundwater flows from the southeast to the northwest (Parsons 2013). However, actual groundwater flow direction can only be determined through collection of Site-specific groundwater elevation data.

EDR (2022c) conducted a water well search to locate known private and public water wells within a 1-mile radius of the Site and identified 4 federal U.S. Geological Survey wells and 45 permitted wells. During February 2022 Phase 2 sampling conducted by START, six monitoring wells were observed on the adjacent Blackhawk Resin and Adhesive Plant property (Tetra Tech 2022a). These monitoring wells were installed between 1985 and 1986. The depth to groundwater in two monitoring wells was measured

at 104 to 118 feet below ground surface during the February 2022 Phase 2 sampling event. Additional groundwater data were not reported. No potable water is supplied to the Site at the time of the 2022 Site visit.

2.6.4 Hydrology

Tetra Tech accessed hydrologic data supplied by EDR from the Federal Emergency Management Agency. The Site is primarily in Zone D, an area of undetermined flood hazards (EDR 2022c). A small area of wetlands is located along the southeast property boundary as listed on the National Wetland Inventory (EDR 2022c).

The topographic layout of the Site is a flat valley bounded to the south by the Stockton Bar (a large sedimentary gravel deposit) and to the east and west by mountain foothills. Based on a review of topographic maps, local topography generally slopes toward the north-northwest (EDR 2022f). Historic discharge water flowed through the Honerine Tunnel and the former town of Bauer and out toward the northern edge of the Site. Following the collapse of the Honerine Tunnel, surface water ceased to flow across the Site (UDEQ 2021).

3.0 CURRENT SITE CONDITIONS

Tetra Tech conducted multiple Site visits from 2021 to 2022 to assess and document current Site conditions.

3.1 2021–2022 SITE ACTIVITIES

On August 26, 2021, according to the approved action memorandum, EPA determined that conditions at the Site presented a threat to public health and the environment and met the criteria for initiating a removal action under 40 *Code of Federal Regulations* 300.415(b)(2) of the National Contingency Plan (EPA 2021). On November 2021, EPA began activities for the CERCLA TCRA to mitigate the threat from two large areas of tailings and mine waste at the former milling facility that are without vegetation. The objectives for the TCRA were to regrade the tailings impoundments so that large pools of water no longer form on the waste deposits, cover the tailings deposits that are not vegetated with 10 inches of rocky soil and gravel, and apply seed mix to capped areas. Further discussion and information regarding the TCRA can be found on the EPA Bauer Tailings Response website (EPA 2022a). In August 2021, EPA tasked START with oversite and documentation of test pit activities related to the removal site evaluation activities prior to the TCRA. Test pits were excavated within the TCRA work area to determine the vertical extent of the tailings and mine waste. START supported EPA throughout the duration of the TCRA with site documentation and data management activities.

Before the TCRA in 2021, multiple environmental investigations were conducted on the Site and surrounding areas by different agencies to further examine the historical contamination associated with the Site. These previous investigations are discussed in Sections 5.1.1. and 5.2.9.

In January 2022, EPA tasked START to assist with field sampling related to an ongoing CERCLA reassessment for the Site (Tetra Tech 2022a). The Phase 1 (P1) sampling event activities were conducted in areas within Tooele County parcels 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027 that were outside of the TCRA work area. The P1 sampling areas are illustrated in Enclosure 1 of the P1 Site trip report located in Appendix D-2. UDEQ collected 17 hotspot soil samples, and START, with assistance from EPA and UDEQ, collected 170 grid soil samples from the P1 site assessment area. Soil samples were screened with an X-ray fluorescence (XRF) spectrometer for the main contaminants of concern (lead and arsenic). All 17 hotspot samples exceeded EPA industrial removal management levels (RML) for lead and 16 hotspot soil samples exceeded EPA industrial RMLs for arsenic. Each of the 17 hotspot areas were capped with 10 inches of rocky soil and gravel and seeded during the TCRA removal activities. A

total of 154 grid samples exceeded EPA RMLs for lead, and a total of 152 grid samples exceeded EPA RMLs for arsenic.

START submitted 19 grid soil samples with low to high arsenic and lead concentrations to a fixed laboratory for metals analysis based on XRF results. The UDEQ hotspot samples were not submitted for laboratory analysis. The fixed laboratory results indicated that 17 out of 19 P1 grid samples analyzed for target analyte list (TAL) metals exceeded the EPA industrial soil RMLs for both arsenic and lead. No other analytes were detected in samples at concentrations above EPA industrial soil RMLs. Appendix D-2 provides more information regarding the P1 sampling activities and figures illustrating the results.

In March 2022, EPA installed fencing and access gates along the northeast boundary (Appendix C, Pages 2 and 5) and concrete barriers at former access points on the northwest and southwest boundaries (Appendix C, Pages 15 and 18) to restrict unauthorized access to the Site.

In April 2022, EPA completed the TCRA; however, the P1 sampling event confirmed that extensive areas of surface contamination remain at the former milling facility on the Site and downwind of both the Site and the former Blackhawk Resin and Adhesive Plant to the north (EPA 2022a). Figure 2 in Appendix A illustrates the TCRA capped areas. On April 15, 2022, START performed an evaluation of the completed TCRA activities by assessing the thickness of the cap and confirming clean fill material through XRF screening (Tetra Tech 2022c).

On August 18, 2022, Tetra Tech conducted a Site reconnaissance for evidence of the following (photographic documentation of the Site visit is in Appendix C):

- Use, storage, treatment, disposal, or generation of hazardous substances, controlled substances, or petroleum products,
- Landfills, dumps, or evidence of burial activities or solid waste disposal,
- Aboveground storage tanks, underground storage tanks, drums, or containers capable of storing hazardous substances,
- Transformers or other electrical or mechanical equipment potentially containing polychlorinated biphenyls (PCB),
- Drains, pits, sumps, cisterns, cesspools, or similar receptacles where liquids drain, collect, or are stored,
- Pits, ponds, lagoons, or open pools likely to contain hazardous substances or waste,

- Staining on pavement or areas of dead, distressed, discolored, or stained vegetation that may indicate an environmental concern,
- Grading or fill material that may indicate contaminated soils or dumping, and
- Chemical smells, foul odors, wells, or other Site-specific environmental conditions.

3.2 GENERAL SITE SETTING

The following subsections describe the Site's current and past uses, and exterior and interior features.

3.2.1 Site Description

The Site comprises 425 acres within a rural and industrial area of Tooele County. The Site is currently owned by Sea Ray Investments, LLC and contains a 160-acre capped area. The Site is currently unoccupied vegetated land. Figure 2 in Appendix A illustrates the Site features.

3.2.2 Exterior Observations

The Site is improved with one shed structure constructed with metal siding and a metal roof (Appendix C, Page 4). The Site also contains a dirt access road on the northeast portion of the Site, remnants of concrete foundations and footings of the former mill, and 160 acres of mine tailings capped with a minimum of 10 inches of local alluvium and gravel. The remainder of the Site is covered by local vegetation.

Fencing and access gates along the northeast Site boundary (Appendix C, Pages 2 and 5) and concrete barriers at former access points on the northwest and southwest Site boundaries (Appendix C, Pages 15 and 18) were also observed.

3.2.3 Interior Observations

Interior observation of the structure on the Site did not occur during the Site reconnaissance because of access issues.

3.3 SPECIFIC RECONNAISSANCE ITEMS

The following subsections describe items observed during the Site reconnaissance.

3.3.1 Hazardous Substances

While hazardous substances are known to exist on the Site based on its former use and the results from the 2022 P1 sampling event, no additional hazardous substances were observed on the Site during the Site reconnaissance.

The results from the P1 sampling event conducted in January 2022, confirmed the presence of lead and arsenic in the Site's soil at concentrations above the EPA industrial RML (Tetra Tech 2022a).

3.3.2 Hazardous Waste

During the Site reconnaissance, sparse areas of tailings and mine waste were observed throughout the undisturbed vegetated areas on the Site. Extensive areas of surface contamination containing lead and arsenic are known to exist on the Site and nearby properties (EPA 2022a).

No other hazardous waste was observed on the Site during the site reconnaissance.

3.3.3 Landfills, Dumps, Burials, or Solid Waste Disposal

Solid waste observed throughout the southeastern side of parcel 06-017-C-0029 included furniture, clothes, debris piles of former structures, railroad ties, ammunition casings, and other discarded household goods. Accumulation of solid waste appeared to be from illegal dumping, demolition of on-Site structures, and the wind carrying waste from the adjacent landfill onto the Site.

No other visual evidence of landfills, dumps, or burials was apparent during the Site reconnaissance.

3.3.4 Storage Tanks

Underground Storage Tanks

No evidence of current or former underground storage tanks was apparent during the Site reconnaissance.

Aboveground Storage Tanks

No evidence of current or former aboveground storage tanks were apparent during the Site reconnaissance.

3.3.5 Polychlorinated Biphenyl-Containing Equipment

PCB content in equipment can only be determined through sampling and laboratory analysis. Pursuant to 40 *Code of Federal Regulations* Section 761.2, oil-filled electrical equipment manufactured before July 2, 1979, must be presumed to be "PCB Contaminated Electrical Equipment" (that is, contains ≥50 parts per million [ppm] PCB, but <500 ppm PCB) if the actual PCB contamination has not been established.

No potential PCB-containing equipment was observed on the Site.

3.3.6 Heating, Ventilation, and Air Conditioning System and Fuel Source

No heating or air conditioning equipment was observed on the Site.

3.3.7 Drains, Sumps, Pools of Liquids, Standing Water, Cisterns, and Cesspools

No drains, sumps, pools of liquids, standing water, cisterns, or cesspools were observed on the Site.

3.3.8 Pits, Ponds, and Lagoons

No pits, ponds, or lagoons were observed during the Site reconnaissance.

3.3.9 Stains or Corrosion and Stained Soil or Pavement

No stains, corrosion, or stained soil or pavement were observed during the Site reconnaissance.

3.3.10 Areas of Dead, Distressed, Discolored, or Stained Vegetation

No areas of dead, distressed, discolored, or stained vegetation were observed during the Site reconnaissance.

3.3.11 Possible Fill, Grading, or Solid Waste Disposal

Evidence of known fill material and grading were observed during the Site reconnaissance. EPA TCRA activities included grading the former tailings ponds and access roads to restrict unauthorized access. Additionally, rock and fill were imported onto the Site to be used to cap the tailings and mine waste in the former ponds.

3.3.12 Smells of Chemical Gases, Petroleum Products, or Noxious Odors

No smells of chemical gases, petroleum products, or noxious odors were observed during the Site reconnaissance.

3.3.13 Wastewater and Stormwater Systems and Discharges

No wastewater or stormwater systems and discharges were observed during the Site reconnaissance.

3.3.14 Wells and Potable Water Supply

No dry, irrigation, injection, abandoned, or other potable water supply wells were observed during the Site reconnaissance.

3.3.15 Lead-Based Paint

START did not perform a LBP survey at the Site as part of this report. Based on a review of historical aerial photographs and the dates of construction, the shed structure and remnants of former structures on the Site may contain LBP.

3.3.16 Asbestos-Containing Materials

START did not perform an ACM survey at the Site as part of this report. Based on a review of historical aerial photographs and the dates of construction, the shed structure and remnants of former structures on the Site may contain ACM.

3.3.17 Other Site-Specific Environmental Conditions

Tooele County, Utah, is identified by EPA as Radon Zone 2, in which counties have predicted indoor radon screening levels from 2 to 4 picocuries per liter (EPA 2022b). The Site is currently unoccupied with one structure.

4.0 VICINITY RECONNAISSANCE

In February 2022, START assisted with P2 of the reassessment sampling (Tetra Tech 2022b). The P2 activities were conducted in areas within Tooele County parcels 06-017-B-0035, 06-017-C-0027, and 06-017-C-0028, which border the Site parcels to the northeast. This area contains the former Blackhawk Resin and Adhesive Plant, as well as an associated waste pit that spans both P1 and P2 parcels. The P2 sampling areas are illustrated in Enclosure 1 of the P2 Site trip report in Appendix D-3. START, with assistance from EPA and UDEQ, collected 81 grid soil samples from the P2 site assessment area and 30 discrete soil samples and 3 duplicate samples from the eight area of interest (AOI) areas. The AOIs were defined based on a review of historical aerial photographs and documents to identify locations of waste deposits, visibly disturbed areas, and signs of distressed vegetation or stained soil. START submitted 33 AOI samples for fixed laboratory semivolatile organic compound analysis. The fixed laboratory results for semivolatile organic compounds indicated that no analytes were detected at concentrations above EPA industrial soil RMLs.

The 81 grid soil samples were screened with an XRF spectrometer for the main contaminants of concern (lead and arsenic). A total of 34 grid samples exceeded EPA RMLs for lead, and a total of 39 grid samples exceeded EPA RMLs for arsenic. START submitted 9 grid soil samples and 1 duplicate sample with low to high arsenic and lead concentrations to a fixed laboratory for metals analysis based on XRF results. The fixed laboratory results indicated that all 10 soil samples analyzed for TAL metals exceeded the EPA industrial soil RMLs for arsenic and 7 out of 10 soil samples exceeded the EPA industrial RML for lead. No other analytes were detected in samples at concentrations above EPA industrial soil RMLs. Appendix D-3 provides more information regarding the P2 sampling activities and figures illustrating the results.

5.0 RECORDS REVIEW

The purpose of the records review is to obtain and review records that will help identify any environmental concerns for the Site.

5.1 ENVIRONMENTAL RECORDS SOURCES

The following subsections discuss the sources of environmental records that were accessed and reviewed as part of this assessment.

5.1.1 Environmental Database Search

Federal, state, regional, and local records were reviewed to assess whether the Site or facilities within the approximate minimum search distance have undergone significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects. EDR (2022c) performed a database search of the Site. A copy of this report is in Appendix E.

The databases searched have been developed and are updated by federal, state, and local agencies. While these databases are reliable and comprehensive, instances of data out of date and no longer reflective of actual facility conditions have been reported. The Government Records Searched/Data Currency Tracking section of the EDR report in Appendix E identifies when each database was updated.

The database search identifies properties with environmental records from numerous federal, state, tribal, and local regulatory agencies, and the distances of these properties from a specified geographic location, which is typically the Site boundaries. Descriptions of the environmental databases searched are listed on pages 5 through 11 of Appendix E. Facilities cited in the environmental database are summarized in Table 5-1.

START reviewed the facilities listed within the EDR (2022c) report. The Site was listed under the Superfund Enterprise Management System (SEMS) Archive database under the name “Bauer Dump.” The EDR report lists that the Site does not qualify for the National Priority List (NPL). The listing is in reference to the previous investigations that have been conducted by the Utah Department of Health, EPA, UDEQ, and the Agency for Toxic Substance and Disease Registry since 1984. These previous investigations have been to assess, identify, and evaluate the contamination on Site that has resulted from the historic use as a gravity concentrating mill for processing ores from surrounding mine sites. All previous investigation reports are discussed in Section 5.2.9

TABLE 5-1
SUMMARY OF REGULATORY AGENCY DATABASE REVIEW

Database Searched	Search Distance (miles)	Site Identified	Number of Other Facilities within Search Distance
Federal Records			
NPL	1.0	No	2
SEMS	0.5	No	1
SEMS-ARCHIVE	0.5	Yes	1
CORRACTS	1.0	No	1
U.S. ENG CONTROLS	0.5	No	1
U.S. INST CONTROLS	0.5	No	1
State and Local Records			
SWF/LF	0.50	No	1
Additional Environmental Records			
DOD	1.0	No	1
ROD	1.0	No	2
Total Number of Database Listings**			**12**

Notes:
** A facility may be listed in more than one database.

CORRACTS	Corrective Action Sites	ROD	Record of Decision
DOD	Department of Defense	SEMS	Superfund Enterprise Management System
ENG CONTROLS	Engineering Controls	SEMS-ARCHIVE	Superfund Enterprise Management System Archives
INST CONTROLS	Institutional Controls		
NPL	National Priority List	SWF/LF	Solid Waste Facilities/ Landfill Sites

EDR (2022c) identified the following database listings for facilities within a 1-mile search distance of the Site:

- Two facilities within 1.0 mile of the Site were identified in the NPL database:

  - **Jacobs Smelter –** The Jacobs Smelter facility is 0.25 mile to the south-southeast of the Site near Stockton, Utah. Jacobs Smelter is an active EPA Superfund site that is also listed in the Potentially Responsible Parties, ROD, SEMS, U.S. Engineering Controls, and U.S. Institutional Controls databases.

    According to EPA (2022c), the Jacobs Smelter site is in the Rush Valley, Tooele County, Utah, near the town of Stockton and about 5 miles south of Tooele, Utah. The risks posed by this facility derive from smelting and mining activity, which occurred primarily in the 1860s and 1870s. Wastes in the form of heavy metal contaminated soil, mill tailings, and smelter wastes exist at several locations within the site boundaries. The primary contaminants are lead and arsenic. UDEQ works in partnership with EPA to address unacceptable risk to human health and the environment at this site. In September 2020, EPA completed the fourth-five-year reviews for this site and concluded that the remedies for Operable Units (OU) 1, 2, 3, 4, and 5 are protective of human health and the environment in the short term. However,

several additional actions need to be completed to ensure the remedies remain protective in the long term. A protectiveness statement cannot be made for OU 6 at this time as data have not yet been collected to assess risk to human health and the environment. According to UDEQ Environmental Response and Remediation (UDEQ 2023, Appendix D-4), in August of 2022, Remedial Action Construction Activities began at the Site, Operable Unit 2. Approximately 80,000 tons of contaminated soil have been excavated and disposed of offsite. Residential properties have been excavated to a cleanup level of 500 milligrams per kilogram(mg/kg) lead in surface soils and 800 mg/kg lead in subsurface soils to a maximum depth of 18 inches. The undeveloped portion of the Site has been excavated to a cleanup level of 3,000 mg/kg lead in surface and subsurface soils. Excavation depths on the undeveloped portion varied from 6 to 114 inches in some areas. The Site will be backfilled with clean soil and topped with 6 inches of topsoil to be reseeded with native vegetation in the Spring of 2023.

- **Tooele Army Depot** - Tooele Army Depot facility is 0.5 mile to the north of the Site. The Tooele Army Depot North is an active EPA Superfund site and an active Army base that has operated since the early 1940s. The army depot is also listed in the Department of Defense, Hazardous Waste Compliance Docket Listing, Corrective Action Sites, Resource Conservation and Recovery Act (RCRA) Large Quantity Generators, RCRA Treatment, Storage and Disposal, PCB Activity Database System, Potentially Responsible Parties, ROD, SEMS, US Engineering Controls, US Institutional Controls, and 2022 Corrective Actions databases.

  According to EPA (2022d), operations at the depot have included ammunition storage and equipment repair that have resulted in contaminated soil and groundwater with hazardous chemicals. This facility is being addressed through federal actions; however, EPA provides regulatory oversight of Superfund activities at Department of Defense sites. The Army conducts separate five-year reviews for RCRA and Superfund that evaluate whether the remedies put in place protect public health and the environment and function as intended by site decision documents. The most recent reviews concluded that response actions at this site are in accordance with the selected remedies and the RCRA permit and that the remedy is protective of human health and the environment in the short term. All issues affecting protectiveness have been resolved since the 2013 Superfund five-year review. Long-term remedies have not yet been selected for all areas. Operation and maintenance activities are

ongoing and studies continue to identify an appropriate groundwater remedy. According to Parsons (2013), groundwater at this site flows from the southeast to the northwest.

- Two facilities within 0.5 mile of the Site were identified in the SEMS Archive database. The first facility, the Bauer Dump, is within the Site's boundary and discussed earlier. The second facility is discussed below:

  - **Blackhawk Resin and Chemical Co.** - The Blackhawk Resin and Chemical Co. facility is adjacent to and northeast of the Site in Bauer, Utah, and contains the Blackhawk Resin and Adhesive Plant. The Blackhawk Resin and Adhesive Plant comprises 27 acres and is surrounded by the Bauer Dump and Tailings Site. The facility treated coal fines with benzene, hexane, and toluene to make adhesives in the 1960s and 1970s. The coal fines residue was dumped into diked sediment ponds on the west side of the facility. In September 1980, the facility was destroyed by a fire and was not rebuilt. The sediment ponds containing the coal fines residue dried out, and in the spring of 1982, the coal fines residue spontaneously ignited. This spontaneous combustion occurred every spring and summer from 1982 until 1987.

    In 1987, any remaining unburned coal fines residue was removed from the sediment ponds and deposited in excavated disposal areas of unknown dimensions on site. A 2-foot cap of clean soil was then placed on top of the coal fines residue excavated disposal area. In 1985, Hercules, Inc., a holding company for the Blackhawk Resin and Chemical Co, contracted STS D'Appolonia Ltd. to conduct a site exploration at the facility. The 1986 report indicated no significant contamination of groundwater from industrial activities conducted at the facility (Hercules, Inc. 1986).

    In August 1992, EPA tasked URS Consultants, Inc. (URS) to conduct a site inspection prioritization (SIP) for the Blackhawk Resin and Chemical Co. site (Comprehensive Environmental Response, Compensation, and Liability Information System ID# UTD980960082). The evaluation of air, surface water, groundwater, and soil exposure pathways identified potential releases of contaminants (URS 1993a). The EDR (2022c) report lists that the facility does not qualify for NPL and the current action lead is EPA PERF IN-HSE.

    In early 2022, EPA and UDEQ conducted sampling to investigate the nature and extent of contamination in the area surrounding the CERCLA TCRA on the Site. The sampling was conducted in two phases that included the former Blackhawk Resin and Chemical Co. facility

area during the second phase. The Phase 1 site trip report is discussed in Section 3.1, and the Phase 2 site trip report is discussed in Section 4.0. The results of the sampling confirmed the presence of lead and arsenic in soil at concentrations above the EPA industrial RML (Tetra Tech 2022a, 2022b).

- One facility within 0.5 mile of the Site was identified in the Solid Waste Facility/Landfill database.

    - **Tooele Co.** - Formally named **t**he Tooele County Landfill, the Tooele Co. facility is adjacent to the east of the Site. The EDR (2022c) report lists the site as accepting waste starting on April 27, 1905, and the facility status as closed. No additional information was provided.

      This facility was also listed in the EDR (2022c) report under the "unplottable" or "orphan" facilities database that, because of poor or inadequate address information, could not be mapped by EDR. The database listed the site under the name "Tooele County Class III" at 2830 Bauer Road with no additional information provided. An active landfill operated by Tooele County Landfill was identified adjacent to and east of the Bauer Tailings Site during the Site reconnaissance. No violations are reported for the facility at the time of this report.

5.1.2 Engineering and Institutional Controls

As part of the environmental records search by EDR, federal and state databases for institutional and engineering controls were searched, including EPA's Engineering Controls Sites List and Sites with Institutional Controls and the U.S. Department of the Navy's Land Use Control Information System. No engineering or institutional controls were found for the Site at the time of this report (EDR 2022c).

5.1.3 Local and State Records Review

Tetra Tech obtained records and previous reports from UDEQ related to the Site and the Blackhawk Resin and Adhesive Plant. The review of these documents is described in Sections 5.1.1 and 5.2.9.

5.2 HISTORICAL USE INFORMATION REGARDING THE SITE AND ADJOINING PROPERTIES

Historical data regarding the Site and surrounding area were gathered to determine past uses and evaluate detectable environmental issues. The following subsections describe aerial photographs, Sanborn maps, topographic maps, city directories, and past environmental reports available regarding the Site.

5.2.1 Recorded Land Title Records

The parcel identification numbers for the Site are 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027. The Site is owned by Sea Ray Investments, LLC with a trustee's deed dated October 6, 2011, for parcel 06-017-C-0029 and a trustee's deed dated November 16, 2011, for parcels 06-017-A-0032 and 06-017-D-0027 (EDR 2022a) (Appendix B). The legal description of the Site parcels is included on the trustee's deed in Appendix B.

5.2.2 Property Tax Files

Property tax files can include records of past ownership, appraisals, maps, sketches, photos, or other information pertaining to the Site. Tax valuation information is provided on the Tooele County property record cards for the Site parcels and included in Appendix D-1.

5.2.3 Environmental Liens or Activity and Use Limitations

START requested an environmental lien search pertaining to the Site from EDR. The results identified no environmental liens or activity and use limitations for the Site (EDR 2022a) (Appendix B).

5.2.4 Building Department Records

Building department records at local governments can indicate permission to construct, alter, or demolish improvements at a Site. Building permits were not available of the Site (EDR 2022d) (Appendix F-3).

5.2.5 Sanborn Map Report

Fire insurance maps were not available of the Site (EDR 2022e). A copy of the certified Sanborn map report, indicating "Unmapped Property," is included in Appendix F-5.

5.2.6 Aerial Photographs

START reviewed aerial photographs of the Site and surrounding area from years 1953, 1959, 1966, 1974, 1978, 1980, 1986, 1997, 2006, 2011, and 2016 (EDR 2022b) (Appendix F-1). Table 5-2 is a summary of information obtained from the aerial photographs.

Based on the review of aerial photographs, the southeast corner of the Site has been developed with buildings since at least 1953. Industrial and residential properties adjacent to the southeast of the Site were identified during the review of aerial photographs dating back to 1953 (EDR 2022b).

TABLE 5-2
SUMMARY OF AERIAL PHOTOGRAPHS

Year	Comments
1953	**Site:** The northern portion of the Site appears to be undeveloped. The southeastern portion of the Site appears to be developed with the tailings ponds, the gravity concentrating mill, additional industrial buildings, and residential properties. Roadways appear throughout the southeast portion of the Site. **Surrounding Properties:** The surrounding properties appear to be primarily vegetated land to the north, northeast, south, and west residential properties. The Blackhawk Resin and Adhesive Plant appears to be on the adjacent property to the east with three settling ponds. Residential properties appear to be adjacent to the southeast of the Site. Railroad lines appear to the border the Site to the southeast.
1959	**Site:** The Site appears similar to 1953. **Surrounding Properties:** Surrounding properties appear similar to 1953.
1966	**Site:** The Site appears similar to 1959. **Surrounding Properties:** Surrounding properties appear similar to 1959.
1974	**Site:** The Site appears similar to 1966. **Surrounding Properties:** Surrounding properties appear similar to 1966.
1978	**Site:** Several of the industrial buildings appear to have been removed, including portions of the gravity concentrating mill **Surrounding Properties:** Surrounding properties appear similar to 1974.
1980	**Site:** All industrial buildings appear to have been removed from the Site. **Surrounding Properties:** Surrounding properties appear similar to 1978.
1986	**Site:** The Site appears similar to 1980. **Surrounding Properties:** The buildings associated with the Blackhawk Resin and Adhesive Plant appear to have been removed.
1997	**Site:** The Site appears similar to 1986. **Surrounding Properties:** The former settling ponds at the Blackhawk Resin and Adhesive Plant appear to have been removed or covered. An active industrial facility appears to be adjacent to the east of the Site where the present-day landfill is located. A rock quarry appears to be operating to the northwest of the Site.
2006	**Site:** The Site appears similar to 1997. **Surrounding Properties:** The industrial facility to the east appears to have developed in size and is using the area of former residential homes. The rock quarry to the northwest appears to have developed in size.
2011	**Site:** The Site appears similar to 2006. **Surrounding Properties:** The area surrounding the Site appears similar to 2006.
2016	**Site:** The Site appears similar to 2011. **Surrounding Properties:** The rock quarry to the northwest appears to have developed in size.

5.2.7 Historical Topographic Maps

START reviewed topographic maps of the Site and surrounding area from years 1918, 1955, 1980, 1993, 1997, 2014, 2017, and 2020 (EDR 2022f) (Appendix F-2). Table 5-3 is a summary of information obtained from the historical topographic maps of the Site and surrounding area.

Topographic maps can be used in conjunction with other historical records presented in this section to determine previous land use on the Site. Based on the review of topographic maps, the Site has been developed for industrial use since at least 1918 (EDR 2022f).

TABLE 5-3
SUMMARY OF HISTORICAL TOPOGRAPHIC MAPS

Year (Map Series)	Description
1918 (15-minute)	**Site:** The Site is depicted primarily as undeveloped land with three structures on the southeast portion of the Site. A creek and wetlands are depicted on the central and northern portions of the Site. A railroad line is depicted to enter onto the Site in the southeast corner. **Surrounding Properties:** The Site is bordered to the southeast by roadways and a railroad line. The surrounding properties are primarily undeveloped land with five structures depicted on the adjacent property to the southeast. The City of Stockton is developed to the south of the Site.
1955 (15-minute)	**Site:** The Site is depicted as similar to the 1918 map with additional structures depicted on the southeastern portion of the Site. The wetlands are no longer depicted in the central portion of the Site. **Surrounding Properties:** Surrounding properties to the north, south, and west are similar to the 1918 map. Additional development of structures is depicted to the east of the Site.
1980 (7.5-minute)	**Site:** The Site is depicted similar to the 1955 map with a large tailings pond depicted on the southern portion of the Site. **Surrounding Properties:** Surrounding properties are similar to the 1955 map with an additional five gravel pits depicted to the east and south of the Site. Additional development of the City of Stockton is depicted to the south of the Site.
1993 (7.5-minute)	**Site:** The Site is depicted similar to the 1980 map with two retention ponds depicted on the eastern side of the tailings pond. **Surrounding Properties:** Surrounding properties are similar to the 1980 map with a retention pond and a mine depicted adjacent to the southeast of the Site.
1997 (7.5-minute)	**Site:** The Site is depicted as similar to the 1993 map. **Surrounding Properties:** Surrounding properties are similar to the 1993 map with the area to the west of the Site marked as unmapped.
2014 (7.5-minute)	**Site:** Buildings are not depicted on the map. The Site is depicted as similar to the 1997 map without the roadways and railroad lines on the southeast portion of the Site. **Surrounding Properties:** Buildings are not depicted on the map. Surrounding properties are similar to the 1997 map without the mine or gravel pits depicted.
2017 (7.5-minute)	**Site:** Buildings are not depicted on the map. The Site is depicted as similar to the 2014 map with the addition of the previously depicted roadway and railroad line on the southeast portion of the Site. **Surrounding Properties:** Buildings are not depicted on the map. Surrounding properties are similar to the 2014 map.
2020 (7.5-minute)	**Site:** Buildings are not depicted on the map. The Site is depicted as similar to the 2017 map. **Surrounding Properties:** Buildings are not depicted on the map. Surrounding properties are similar to the 2017 map.

5.2.8 City Directories

START reviewed city directory listings of the Site and nearby properties from years 1970, 1973, 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014, and 2017. Listings for the Site addresses were not available (EDR 2022g) (Appendix F-4). Table 5-4 summarizes information found in the city directories for the nearby commercial properties of potential environmental concern.

City directories can be used in conjunction with other historical records presented in this section to determine previous land use on the Site. Based on the review of city directories, properties in the surrounding area were historically commercial, agricultural, and residential (EDR 2022g).

TABLE 5-4
SUMMARY OF HISTORICAL CITY DIRECTORIES

Property Address	Property Occupant(s)
Adjacent and Nearby Properties	
2830 South Bauer Road	Staker Paving & Construction Company Incorporated; Tooele County of Solid Waste Maintenance Facility Landfill (2000) Geneva Rock Products (2010) County of Tooele (2014)

5.2.9 Previous Reports

EPA and UDEQ provided START with the following environmental reports for the Site and surrounding parcels.

Utah State Division of Environmental Health – Site Inspection of the Bauer Tailings Impoundments and Blackhawk Resin Process Water Dump, August 31, 1984

In spring 1984, personnel of the Utah State Division of Environmental Health (USDEH) Bureau of Solid and Hazardous Waste conducted a site inspection at Bauer Tailings site. During the inspection, soil samples were collected from the tailings ponds and a wind-deposited solids pile. Results from these samples indicated that air and soil contamination had occurred. Water samples were collected from discharge from the Honerine Tunnel, water in the basement of an old facility building, and water ponded on the tailings ponds. The water samples showed an increase in concentrations of lead, arsenic, selenium, and cadmium. The report noted that while many gaps remain in the data gathered during this inspection, contamination in soil, air, and water at the Bauer site is impacting the environment (USDEH 1984).

The USEDH (1984) report discusses in more detail the site history, geology, hydrology, geology, and hydrology; outlines potentially affected populations; and presents the analytical results of surface water, soil, and tailings samples collected from the Bauer site. Several heavy metals were detected in soil,

tailings, and surface water at the site, and an observed released to the air was documented through direct observations of dust clouds emanating from the site and the collection of a downwind sample of dusty "fallout." Tailings were also noted to have been washed off site to the north.

Ecology and Environment, Inc. Field Investigation Team – Report of Sampling Activities at Bauer Tailings, September 13, 1985

In 1985, EPA tasked Ecology and Environment, Inc. Field Investigation Team (E&E FIT) to conduct a follow-up site inspection to the USDEH's 1984 site inspection at Bauer. Field activities included well installation and subsurface soil, surface soil, tailings, and groundwater sampling. Two temporary monitoring wells were installed at the site during this site inspection. Both wells were screened at or near the water table that was encountered between 80 and 195 feet below ground surface. The analytical results indicated a release of arsenic and sulfate to groundwater compared to background, but the groundwater flow direction was uncertain based on water levels. Soil and tailings samples were collected from the surface and at depths down to 22 feet. Elevated concentrations of several metals were detected in samples collected from both soil and tailings. All samples collected indicated elevated concentrations of metals, providing additional evidence that contaminants are migrating away from the site. Samples collected on the tailings demonstrated extremely high concentrations of arsenic, copper, lead, mercury, silver, and zinc, confirming that the tailings should be considered hazardous material. The E&E FIT (1985) report recommended additional downgradient groundwater sampling, air monitoring downwind at the Army depot, and fence installation to prevent livestock and recreational activities on site.

URS Consultants, Inc. – Site Inspection Prioritization, Bauer Dump and Tailings, Tooele County, Utah, August 25, 1993

In 1992, EPA tasked URS with conducting a SIP to quantify data elements of the Hazard Ranking System at the Site and to provide sufficient documentation for the EPA to determine the human, health, and environmental impacts posed by the Site. The results of the SIP were intended to help EPA determine if the Site has the potential to qualify for eventual listing on the NPL. To assess the potential impacts, URS performed a pathway-by-pathway assessment of the air, groundwater, surface water, and soil exposure pathways at the Site using Hazard Ranking System guidelines. URS also studied the data that had been previously collected at the Site in 1984 and 1985. The URS (1993b) report identified the presence of potential releases of contaminants in all exposure pathways at the Site.

Utah Department of Health – Expanded Site Inspection, Analytical results Report, Bauer Dump and Tailings and Blackhawk Resin, June 11, 1999

In 1996, UDEQ conducted sampling activities on the Bauer Dump and Tailings and Blackhawk Resin sites under an agreement with EPA as part of an expanded site inspection. The scope of sampling involved the collection of nine soil samples, seven source characterization samples, four sediment samples, and six surface water samples. Analysis of the source characterization samples taken for the expanded site inspection demonstrated consistently elevated levels of aluminum, arsenic, calcium, copper, iron, lead, magnesium, manganese, potassium, and zinc. Results in the UDEQ (1999) report showed that mill tailings contained arsenic concentrations of up to 7,000 milligrams per kilogram and lead concentrations of up to 15,000 milligrams per kilogram. The highest concentrations of lead-contaminated material were collected from the tailings area with lead concentrations decreasing the farther downwind the sample was taken.

Agency for Toxic Substance and Disease Registry – Public Health Assessment for Bauer Dump and Tailings Blackhawk Resin Company, July 25, 2006

The Tooele County Health Department requested that the Environmental Epidemiology Program of the Utah Department of Health conduct a public health assessment to determine if adverse health effects are associated with off-site migration of wind-blown dust from the Bauer site.

The Agency for Toxic Substance and Disease Registry (2006) assessment concluded that the Bauer site is classified as a public health hazard because of elevated concentrations of lead in the soil and physical hazards on the site. Adult and young adult trespassers who use the site for recreation are at risk for exposure to contaminated soils and tailings, contaminated surface water, and various physical hazards that include old oxygen canisters and old, unstable buildings. Contamination from the site could also pose a health hazard for people, especially children, who live downwind (north) of the site. The study recommended air monitoring and soil sampling from downwind communities to evaluate possible exposure.

6.0 CONCLUSION

START performed this Site History and Status Report for the Bauer Tailings site in Stockton, Tooele County, Utah.

The Site comprises 425 acres on three parcels (parcel identification numbers 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027). The Site is currently unoccupied vegetated land with one structure. In April 2022, EPA completed a CERCLA TCRA to install a cap of alluvium and rock on top of 160 acres of tailings and mine waste. Additional soil sampling was conducted in January and February 2022 in the areas surrounding the TCRA capped area and the adjacent parcels that border the Site to the northeast. The soil sampling results indicate that lead and arsenic contaminants are present in the soil surrounding the TCRA capped area at concentrations above EPA industrial soil RMLs.

7.0 REFERENCES

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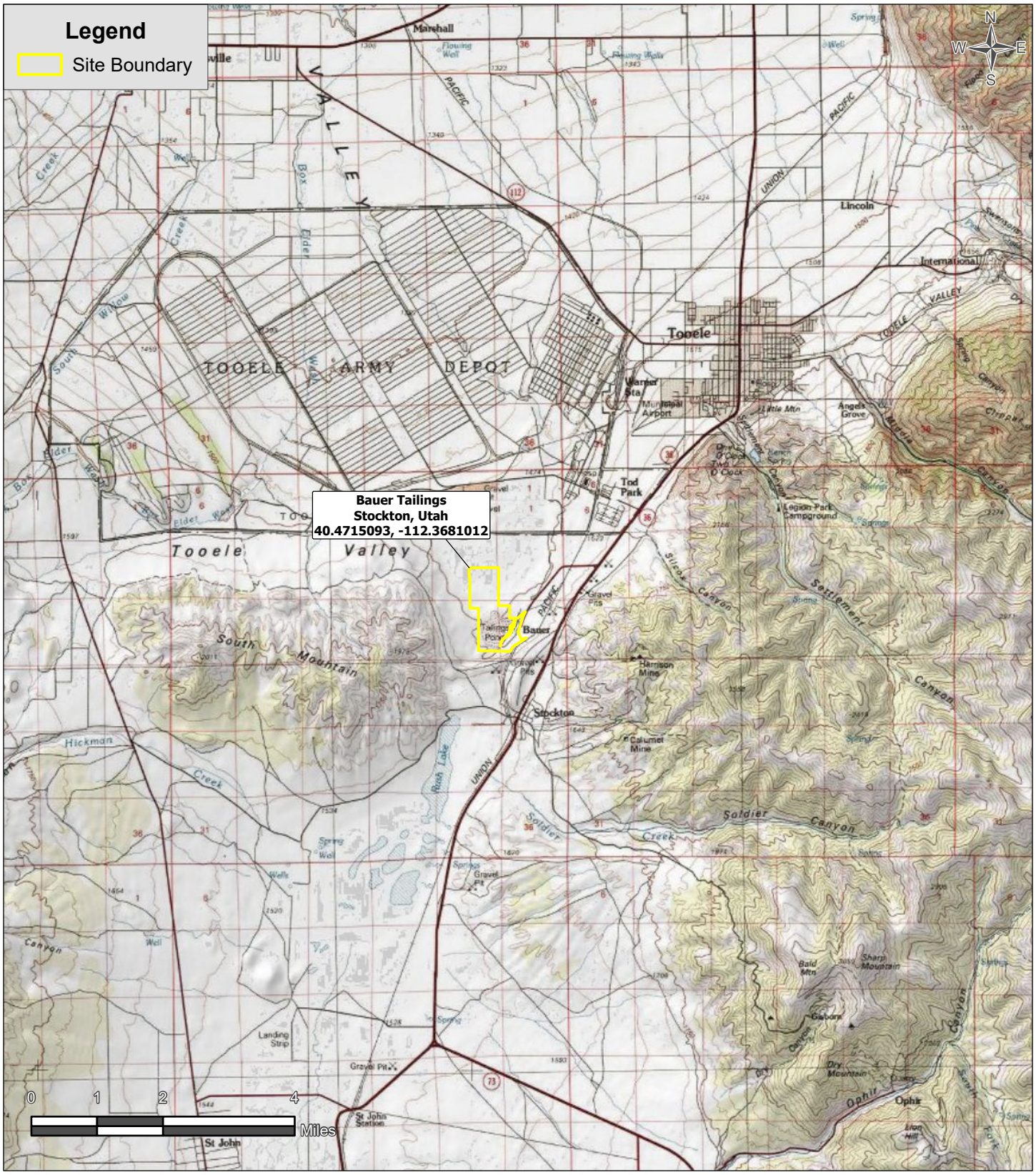
APPENDIX A

FIGURES



Notes:

Source:
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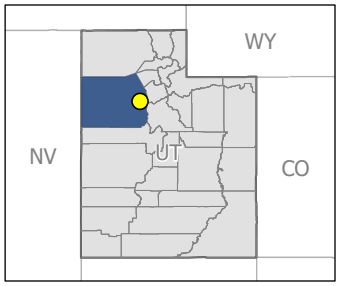
Spatial Reference:
WGS 1984 Web Mercator Auxiliary Sphere Coordinate System



United States Environmental Protection Agency

Region 8 START V
TD: 2083-2112-03

TETRA TECH

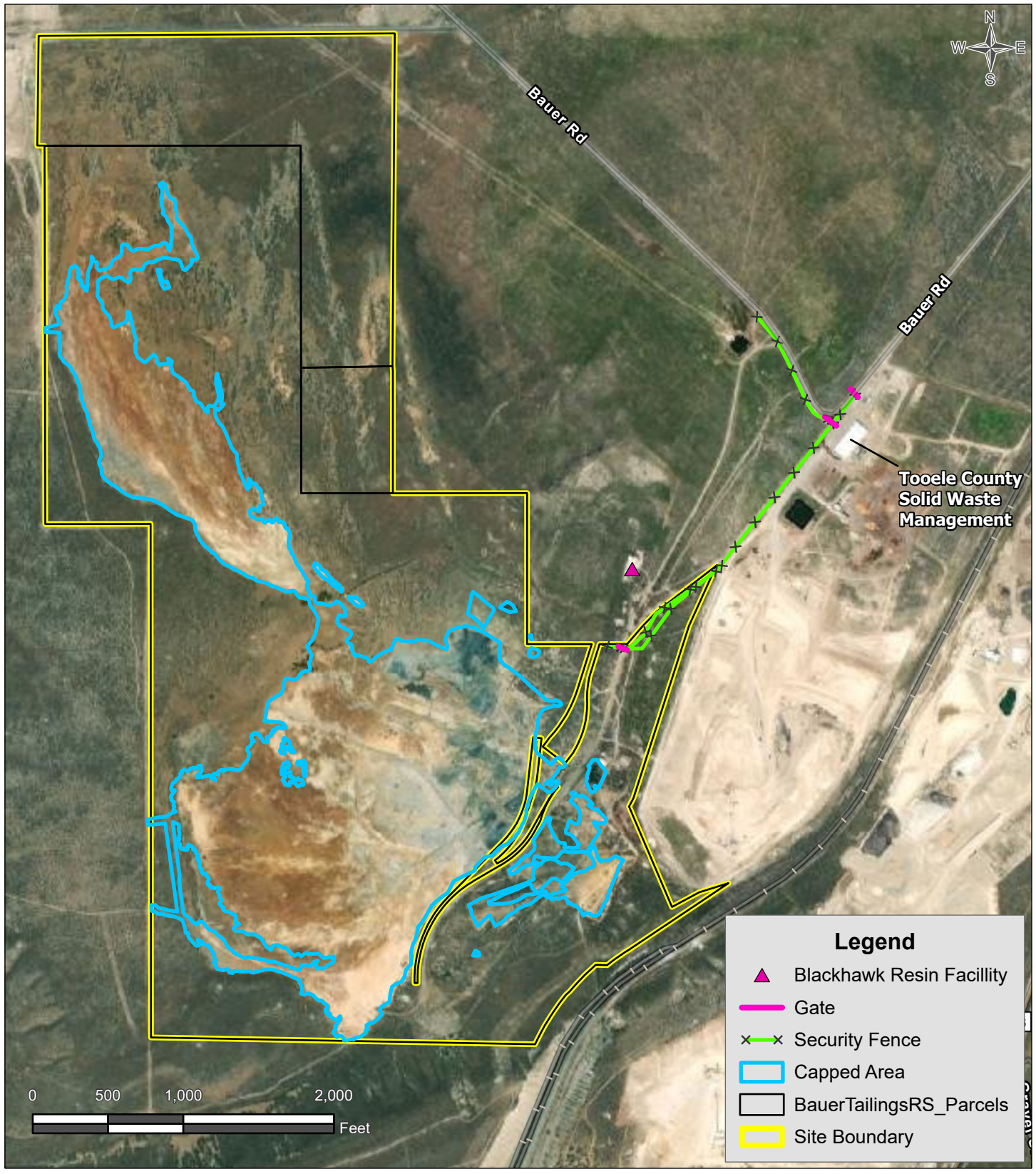
Analyst: S. DeNeice
Date: 10/21/2022

Bauer Tailings Reassessment

Stockton, Tooele County, Utah

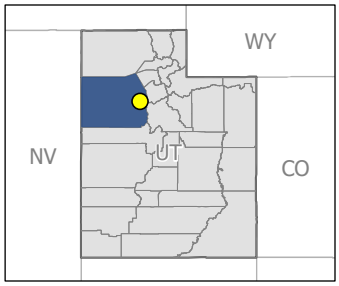
Figure 1
Site Location

Path: R:\GIS\R8STARTV\BauerTailingsRS\ArcGIS_Pro\BauerTailingsRS\BauerTailingsRS.aprx



Notes:

Source:
Background: ESRI World Imagery
Spatial Reference:
WGS 1984 Web Mercator Auxiliary Sphere
Coordinate System



United States
Environmental
Protection Agency

Region 8 START V
TD: 2083-2112-03

TETRA TECH

Analyst: S. DeNeice
Date: 1/12/2023

Bauer Tailings Reassessment

Tooele, Tooele County, Utah

Figure 2
Site Layout

Path: R:\GIS\R8STARTV\BauerTailingsRS\ArcGIS_Pro\BauerTailingsRS\BauerTailingsRS.aprx

APPENDIX B

ENVIRONMENTAL LIEN AND ACTIVITY AND USE LIMITATION SEARCH

BAUER TAILINGS SITE
TOOELE, UT, 84074, 06-017-A-0032
TOOELE COUNTY, UT

Inquiry Number: 7037213.7S
JULY 7, 2022

EDR Environmental Lien and AUL Search

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

BAUER TAILINGS SITE
TOOELE, UT, 84074, 06-017-A-0032
TOOELE COUNTY, UT

RESEARCH SOURCE

Source 1: TOOELE COUNTY RECORDER'S OFFICE

Source 2: UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: BEG AT THE SE COR OF SEC 11, T4S, R5W, SLB&M, AND RUN ALG THE S LI OF SD SEC S 89?(DEGREES)17'17" W 655.39 FT TO THE E LI OF PPTY CONVEYED TO ARCHIE POARCH IN BK 401 PG 379 OF OFFICIAL RECORDS; TH ALG SD PPTY THE FOLLOWING THREE COURSES; 1) N 1469.88 FT, 2) W 1700 FT, 3) S 1491.01 FT M/L TO THE S LI OF SD SEC; TH S 89?(DEGREES)17'17" W 2106.30 FT M/L TO THE E LI OF AGREEMENT RECORDED AS ENTRY #305976 IN BK 130 PG 402-405 OF OFFICIAL RECORDS; TH ALG SD E LI N 09?(DEGREES) W 2310.70 FT TO THE S LI OF PPTY CONVEYED TO RANCH 77 LC IN BK 414 PG 589 OF OFFICIAL RECORDS; TH ALG SD S LI N 89?(DEGREES)42'56" E 4842.09 FT TO THE E LI OF SD SEC; TH S 00?(DEGREES)29'08" W 2250.94 FT TO THE SE COR OF SD SEC AND POB. (NEW PARCEL # FOR 2008 YR) 184.38

Current Owner: SEA RAY INVESTMENTS, LLC

Property Identifiers: 06-017-A-0032

Comments: NA

Deed 1

Type of Deed:	TRUSTEE'S DEED
Title is vested in:	SEA RAY INVESTMENTS, LLC
Title received from:	MICHAEL A. DAY
Date Executed:	10/05/2011
Date Recorded:	10/06/2011
Book:	NA
Page:	NA
Volume:	NA
Instrument#:	360998
Docket:	NA
Land Record Comments:	AMENDED TRUSTEE'S DEED IS RECORDED ON 11/16/2011, IN INSTRUMENT NO. 362694.
Miscellaneous Comments:	NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

Ent: 360998 - Pg 1 of 5
Date: 10/6/2011 12:49:00 PM
Fee: $18.00
Filed By: eCASH
Jerry M. Houghton, Recorder
Tooele County Corporation
For: Durham Jones & Pinegar - St. George

WHEN RECORDED MAIL TO:
Michael A. Day
DURHAM, JONES & PINEGAR, P.C.
192 East 200 North, 3rd Floor
St. George, Utah 84770

TRUSTEE'S DEED

This indenture, made this 5th day of October, 2011, between Michael A. Day as "Trustee" and "Grantor" hereunder and Sea Ray Investments, LLC, whose address is 144 West Brigham Road, Suite 5, St. George, Utah 84790, as "Grantee" hereunder.

WHEREAS, by a Trust Deed (the "Trust Deed") dated February 17, 2006, and recorded February 23, 2006, as Entry No. 255118, records of the Tooele County Recorder, Central Elementary, L.L.C. and Cyrus Land Investment, L.L.C., collectively as Trustor, did convey to Security Title Insurance Agency of Utah as Trustee, upon the trust therein expressed, the property hereinafter described to secure the payment of a certain Trust Deed Note (the "Note") and other obligations as more particularly set forth in the Trust Deed; and

WHEREAS, default was made under the terms of the Trust Deed in the particulars set forth in the Notice of Default hereinafter referred to; and

WHEREAS, Michael A. Day was appointed as a successor Trustee (the "Trustee") by Beneficiary by a Substitution of Trustee duly executed and recorded July 1, 2009 as Entry No. 328652, in the records of Tooele County, Utah; and

WHEREAS, Sea Ray Investments, LLC, being then the holder of the Note secured by the Trust Deed did cause the Trustee to execute a written Notice of Default and of election to cause said property to be sold to satisfy the obligations of the Trust Deed and accordingly, the Trustee did on July 1, 2009, file for record a Notice of Default which was duly recorded as Entry No. 328653 in the records of Tooele County, Utah;

WHEREAS, not later than 10 days after such Notice of Default was recorded, the Trustee mailed, by certified mail, with postage prepaid, a copy of such Notice of Default with the recording date shown thereon, addressed to the address of the said Trustor which was set forth in the said Trust Deed; and

WHEREAS, more than three months elapsed since the filing for record of the Notice of Default and during said three month period said default was not cured and said default continued; and

WHEREAS, the Trustee gave written notice of the time and place of sale particularly describing the property to be sold, as follows:

(a) by publication of such notice in the Tooele Transcript Bulletin a newspaper of general circulation in Tooele County, Utah, three times, once a week for three consecutive weeks, namely September 8, 15 and 22, 2011, the last publication being at least 10 days and not more than 30 days prior to the date of sale, and

(b) by posting such notice at least 20 days prior to the date of sale in a conspicuous place on the property to be sold and at the office of the Tooele County Recorder, and

(c) by mailing, by certified mail, with postage prepaid, at least 20 days prior to the date of sale, a copy of the Notice of Sale to Trustor, at the address set forth in the said Trust Deed; and

WHEREAS, at 1:00 p.m. on Wednesday, October 5, 2011, at the Tooele County Courthouse, 74 South 100 East, Tooele, Utah, consistent with the Notice of Sale referred to hereinabove, the Trustee and Grantor sold the hereinafter described property at public auction, in separate parcels as requested by the Trustor, to the Grantee, which was the highest bidder as to each parcel; and

WHEREAS, the sum bid by the Grantee has been received by the Trustee and applied by Trustee in accordance with the provisions of the Trust Deed.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Michael A. Day as Trustee and Grantor hereunder, does hereby convey to Grantee hereunder, all of the title of Michael A. Day as Trustee under the Trust Deed above described and all of the right, title interest and claim of the Trustor and Trustor's successors in interest, and of all persons claiming by, through, or under Trustor, including all such right, title, interest, and claim acquired by Trustor or Trustor's successors in interest subsequent to the execution of the Trust Deed above described in and to the following described real property located Tooele County, Utah, to-wit:

See Exhibit "A" that is attached hereto and incorporated herein by this reference.

Together with all buildings, fixtures, and improvements thereon and all water rights, rights of way, easements, rents, issues, profits, income, tenements, hereditaments, privileges, and appurtenances thereunto now or hereafter used or enjoyed with said property, or any part thereof.

IN WITNESS WHEREOF, the Trustee and Grantor hereunder has caused this deed to be executed on the day and the year first above written.

TRUSTEE:

By: _____
Michael A. Day

STATE OF UTAH)
) : ss
COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged before me this 5th day of October, 2011, by Michael A. Day, Trustee.

SHANAN ARSLANIAN
Notary Public
State of Utah
Comm. No. 579465
My Comm. Expires Jul 14, 2013

_____
Notary Public

(42435.10)

EXHIBIT A

Parcel 1:

Units 101 through 112, 201 through 208 and 301 through 308, CAMELOT LEISURE CONDOMINIUMS, according to the official plat thereof, recorded in the office of the County Recorder of Tooele County, Utah,

Together with an undivided interest in the common areas and facilities in the CAMELOT LEISURE CONDOMINIUMS, a Condominium Project, located in Tooele County, Utah and created pursuant to the provisions of the Utah Condominium Ownership Act, Utah Code Ann. Sec 57-8-1 through 57-8-26 (Supp. 1975). The record of survey map required by said Utah Condominium Ownership Act was recorded in the office of the Tooele County Recorder as Entry No. 254509 on February 9, 2006.

Subject to the declaration creating the condominium recorded February 17, 2005 as Entry No. 236170 in Book 1003 at page 208 and re-recorded March 4, 2005 as Entry No. 236893 in Book 1007 at page 66 of Official Records, and any previous or future restrictions or declarations of record.

(Tax Parcel Nos. 15-083-0-0101 through 15-083-0-0112, 15-083-0-0201 through 15-083-0-0208 and 15-083-0-0301 through 15-083-0-0308)

Parcel 2:

The West half of the Southwest Quarter of Section 13, Township 4 South, Range 5 West, Salt Lake Base and Meridian, lying South of the property conveyed to Archie Poarch recorded in Book 401 at page 379 of Official Records, and Westerly of the property conveyed to Diamond By Ranches LLC recorded in Book 562 at page 862 of Official Records.

Less and Excepting any portion thereof located in Railroad property

(Tax Parcel Nos. 06-017-C-0026 and 06-017-C-0025)

Parcel 3:

Beginning at the Southwest corner of the Southeast Quarter of the Southwest Quarter of Section 14, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running thence North 00°24'30" West along the East line of the West half of the West half of said Section 14, 5210.17 feet to the North line of said Section; thence North 89°17'17" East 1619.72 feet to a point on the West line of the Archie Poarch property conveyed in Book 401 at page 379 of Official Records; thence along said property boundary line the following four courses: 1) South 1008.95 feet, 2) East 700 feet, 3) South 3400 feet, 4) South 88°59'00" East 1673.98 feet to the East line of Section 14; thence along East line South 00°14'16" East 760.93 feet to the Southeast corner of said Section; thence South 89°25'38" West along the South line of said Section, 3959.44 feet to the point of beginning.

(Tax Parcel No. 06-017-0-0026)

Less and Excepting that portion that was Deeded to Rulon J. Harper and Paula Harper by Warranty Deed dated July 20, 2009 and recorded July 23, 2009 as Entry No. 329764.

(Tax Parcel No. 06-017-D-0028)

Also Less and Excepting that portion that was Deeded to Rulon J. Harper recorded January 28, 2011 as Entry No. 352784

(Tax Parcel No. 06-017-D-0029)

Parcel 4:

Beginning at the Northeast corner of Section 14, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running thence South 00°14'16" East along the East line of said Section, 838.27 feet to a point on the North line of property conveyed to Archie Poarch in Book 401 at page 379 of Official Records; thence along said property line the following two courses: 1) West 658.82 feet, 2) North 830.12 feet to the North line of Section 14; thence North 89°17'17" East 655.39 feet to the point of beginning.

(Tax Parcel No. 06-017-D-0027)

Parcel 5:

Beginning at the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running along the South line of said Section South 89°17'17" West 655.39 feet to the East line of the property conveyed to Archie Poarch in Book 401 at page 379 of Official Records; thence along said property line the following three courses: 1) North 1469.88 feet, 2) West 1700 feet, 3) South 1491.01 feet, more or less, to the South line of said Section; thence South 89°17'17" West 2106.30 feet, more or less, to the East line of Agreement recorded as Entry No. 305976 in Book 130 at page 402 of Official Records; thence along said East line North 09° West 2310.70 feet to the South line of the property conveyed to Ranch 77 LC in Book 414 at page 589 of Official Records; thence along said South line North 89°42'56" East 4842.09 feet to the East line of said Section; thence South 00°29'08" West 2250.94 feet to the Southeast corner of said Section and the point of beginning.

(Tax Parcel No. 06-017-A-0029)

Now known as:

Beginning at the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running along the South line of said Section South 89°17'17" West 655.39 feet to the East line of the property conveyed to Archie Poarch in Book 401 at page 379 of Official Records; thence along said property line the following three courses: 1) North 1469.88 feet, 2) West 1700 feet, 3) South 1491.01 feet, more or less, to the South line of said Section; thence South 89°17'17" West 2106.30 feet, more or less, to the East line of Agreement recorded as Entry No. 305976 in Book 130 at page 402 of Official Records; thence along said East line North 09° West 2310.70 feet to the South line of the property conveyed to Ranch 77 LC in Book 414 at page 589 of Official Records; thence along said South line North 89°42'56" East 4842.09 feet to the East line of said Section; thence South 00°29'08" West 2250.94 feet to the Southeast corner of said Section and the point of beginning.

Less and Excepting that property Deeded to Rulon J. Harper, recorded January 28, 2011 as Entry No. 352784.

(Tax Parcel No. 06-017-A-0032)

And

A parcel of land located in the South half of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being South 89°16'37" West, 2355.53 feet from the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian; and running thence South 89°16'37" West, 294.11 feet; thence South 89°16' West, 1812.03 feet; thence North 09°00'00" West, 2311.76 feet; thence North 89°42'56" East, 2467.64 feet; thence South 2268.79 feet to the point of beginning.

Together with:

An easement fifty feet (50') in width for ingress/egress located in the Southeast Quarter of Section 11 and the Southwest Quarter of Section 12, Township 4 south, Range 5 West, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being South 89°16'37" West, 2327.53 feet and North 00°43'23" West, 2218.61 feet from the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian; and running thence North, 50.00 feet; thence North 89°42'56" East, 2835.25 feet; thence South 46°10'48" East 71.84 feet; thence South 89°42'56" West, 2887.08 feet to the point of beginning.

(Tax Parcel No. 06-017-A-0031)

Ent: 362694 - Pg 1 of 5
Date: 11/16/2011 12:13:00 PM
Fee: $50.00
Filed By: eCASH
Jerry M. Houghton, Recorder
Tooele County Corporation
For: Durham Jones & Pinegar - St. George

WHEN RECORDED MAIL TO:
Michael A. Day
DURHAM, JONES & PINEGAR, P.C.
192 East 200 North, 3rd Floor
St. George, Utah 84770

AMENDED TRUSTEE'S DEED

This Amended Trustee's Deed is being recorded to clarify the legal description of Parcel 5 as contained in the Trustee's Deed recorded on October 6, 2011, as Entry No. 360998, records of Tooele County, Utah.

This indenture, made this 16th day of November, 2011, between Michael A. Day as "Trustee" and "Grantor" hereunder and Sea Ray Investments, L.L.C. whose address is 144 West Brigham Road, Suite 5, St. George, Utah 84790, as "Grantee" hereunder.

WHEREAS, by a Trust Deed (the "Trust Deed") dated February 17, 2006, and recorded February 23, 2006, as Entry No. 255118, records of the Tooele County Recorder, Central Elementary, L.L.C. and Cyrus Land Investment, L.L.C., collectively as Trustor, did convey to Security Title Insurance Agency of Utah as Trustee, upon the trust therein expressed, the property hereinafter described to secure the payment of a certain Trust Deed Note (the "Note") and other obligations as more particularly set forth in the Trust Deed; and

WHEREAS, default was made under the terms of the Trust Deed in the particulars set forth in the Notice of Default hereinafter referred to; and

WHEREAS, Michael A. Day was appointed as a successor Trustee (the "Trustee") by Beneficiary by a Substitution of Trustee duly executed and recorded July 1, 2009 as Entry No. 328652, in the records of Tooele County, Utah; and

WHEREAS, Sea Ray Investments, LLC, being then the holder of the Note secured by the Trust Deed did cause the Trustee to execute a written Notice of Default and of election to cause said property to be sold to satisfy the obligations of the Trust Deed and accordingly, the Trustee did on July 1, 2009, file for record a Notice of Default which was duly recorded as Entry No. 328653 in the records of Tooele County, Utah;

WHEREAS, not later than 10 days after such Notice of Default was recorded, the Trustee mailed, by certified mail, with postage prepaid, a copy of such Notice of Default with the recording date shown thereon, addressed to the address of the said Trustor which was set forth in the said Trust Deed; and

WHEREAS, more than three months elapsed since the filing for record of the Notice of Default and during said three month period said default was not cured and said default continued; and

WHEREAS, the Trustee gave written notice of the time and place of sale particularly describing the property to be sold, as follows:

(a) by publication of such notice in the Tooele Transcript Bulletin a newspaper of general circulation in Tooele County, Utah, three times, once a week for three consecutive weeks, namely September 8, 15 and 22, 2011, the last publication being at least 10 days and not more than 30 days prior to the date of sale, and

(b) by posting such notice at least 20 days prior to the date of sale in a conspicuous place on the property to be sold and at the office of the Tooele County Recorder, and

(c) by mailing, by certified mail, with postage prepaid, at least 20 days prior to the date of sale, a copy of the Notice of Sale to Trustor, at the address set forth in the said Trust Deed; and

WHEREAS, at 1:00 p.m. on Wednesday, October 5, 2011, at the Tooele County Courthouse, 74 South 100 East, Tooele, Utah, consistent with the Notice of Sale referred to hereinabove, the Trustee and Grantor sold the hereinafter described property at public auction, in separate parcels as requested by the Trustor, to the Grantee, which was the highest bidder as to each parcel; and

WHEREAS, the sum bid by the Grantee has been received by the Trustee and applied by Trustee in accordance with the provisions of the Trust Deed.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Michael A. Day as Trustee and Grantor hereunder, does hereby convey to Grantee hereunder, all of the title of Michael A. Day as Trustee under the Trust Deed above described and all of the right, title interest and claim of the Trustor and Trustor's successors in interest, and of all persons claiming by, through, or under Trustor, including all such right, title, interest, and claim acquired by Trustor or Trustor's successors in interest subsequent to the execution of the Trust Deed above described in and to the following described real property located Tooele County, Utah, to-wit:

See Exhibit "A" that is attached hereto and incorporated herein by this reference.

Together with all buildings, fixtures, and improvements thereon and all water rights, rights of way, easements, rents, issues, profits, income, tenements, hereditaments, privileges, and appurtenances thereunto now or hereafter used or enjoyed with said property, or any part thereof.

IN WITNESS WHEREOF, the Trustee and Grantor hereunder has caused this deed to be executed on the day and the year first above written.

TRUSTEE:

By: _____
Michael A. Day

STATE OF UTAH)
) : ss
COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged before me this 16th day of November, 2011, by Michael A. Day, Trustee.

SHANAN ARSLANIAN
Notary Public
State of Utah
Comm. No. 579465
My Comm. Expires Jul 14, 2013

_____
Notary Public

(42435.10)

EXHIBIT A

Parcel 1:

Units 101 through 112, 201 through 208 and 301 through 308, CAMELOT LEISURE CONDOMINIUMS, according to the official plat thereof, recorded in the office of the County Recorder of Tooele County, Utah,

Together with an undivided interest in the common areas and facilities in the CAMELOT LEISURE CONDOMINIUMS, a Condominium Project, located in Tooele County, Utah and created pursuant to the provisions of the Utah Condominium Ownership Act, Utah Code Ann. Sec 57-8-1 through 57-8-26 (Supp. 1975). The record of survey map required by said Utah Condominium Ownership Act was recorded in the office of the Tooele County Recorder as Entry No. 254509 on February 9, 2006.

Subject to the declaration creating the condominium recorded February 17, 2005 as Entry No. 236170 in Book 1003 at page 208 and re-recorded March 4, 2005 as Entry No. 236893 in Book 1007 at page 66 of Official Records, and any previous or future restrictions or declarations of record.

(Tax Parcel Nos. 15-083-0-0101 through 15-083-0-0112, 15-083-0-0201 through 15-083-0-0208 and 15-083-0-0301 through 15-083-0-0308)

Parcel 2:

The West half of the Southwest Quarter of Section 13, Township 4 South, Range 5 West, Salt Lake Base and Meridian, lying South of the property conveyed to Archie Poarch recorded in Book 401 at page 379 of Official Records, and Westerly of the property conveyed to Diamond By Ranches LLC recorded in Book 562 at page 862 of Official Records.

Less and Excepting any portion thereof located in Railroad property

(Tax Parcel Nos. 06-017-C-0026 and 06-017-C-0025)

Parcel 3:

Beginning at the Southwest corner of the Southeast Quarter of the Southwest Quarter of Section 14, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running thence North 00°24'30" West along the East line of the West half of the West half of said Section 14, 5210.17 feet to the North line of said Section; thence North 89°17'17" East 1619.72 feet to a point on the West line of the Archie Poarch property conveyed in Book 401 at page 379 of Official Records; thence along said property boundary line the following four courses: 1) South 1008.95 feet, 2) East 700 feet, 3) South 3400 feet, 4) South 88°59'00" East 1673.98 feet to the East line of Section 14; thence along East line South 00°14'16" East 760.93 feet to the Southeast corner of said Section; thence South 89°25'38" West along the South line of said Section, 3959.44 feet to the point of beginning.

(Tax Parcel No. 06-017-0-0026)

Less and Excepting that portion that was Deeded to Rulon J. Harper and Paula Harper by Warranty Deed dated July 20, 2009 and recorded July 23, 2009 as Entry No. 329764.

(Tax Parcel No. 06-017-D-0028)

Also Less and Excepting that portion that was Deeded to Rulon J. Harper recorded January 28, 2011 as Entry No. 352784

(Tax Parcel No. 06-017-D-0029)

Parcel 4:

Beginning at the Northeast corner of Section 14, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running thence South 00°14'16" East along the East line of said Section, 838.27 feet to a point on the North line of property conveyed to Archie Poarch in Book 401 at page 379 of Official Records; thence along said property line the following two courses: 1) West 658.82 feet, 2) North 830.12 feet to the North line of Section 14; thence North 89°17'17" East 655.39 feet to the point of beginning.

(Tax Parcel No. 06-017-D-0027)

Parcel 5:

Beginning at the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running along the South line of said Section South 89°17'17" West 655.39 feet to the East line of the property conveyed to Archie Poarch in Book 401 at page 379 of Official Records; thence along said property line the following three courses: 1) North 1469.88 feet, 2) West 1700 feet, 3) South 1491.01 feet, more or less, to the South line of said Section; thence South 89°17'17" West 2106.30 feet, more or less, to the East line of Agreement recorded as Entry No. 305976 in Book 130 at page 402 of Official Records; thence along said East line North 09° West 2310.70 feet to the South line of the property conveyed to Ranch 77 LC in Book 414 at page 589 of Official Records; thence along said South line North 89°42'56" East 4842.09 feet to the East line of said Section; thence South 00°29'08" West 2250.94 feet to the Southeast corner of said Section and the point of beginning.

(Tax Parcel No. 06-017-A-0029)

Now known as:

Beginning at the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian, and running along the South line of said Section South 89°17'17" West 655.39 feet to the East line of the property conveyed to Archie Poarch in Book 401 at page 379 of Official Records; thence along said property line the following three courses: 1) North 1469.88 feet, 2) West 1700 feet, 3) South 1491.01 feet, more or less, to the South line of said Section; thence South 89°17'17" West 2106.30 feet, more or less, to the East line of Agreement recorded as Entry No. 305976 in Book 130 at page 402 of Official Records; thence along said East line North 09° West 2310.70 feet to the South line of the property conveyed to Ranch 77 LC in Book 414 at page 589 of Official Records; thence along said South line North 89°42'56" East 4842.09 feet to the East line of said Section; thence South 00°29'08" West 2250.94 feet to the Southeast corner of said Section and the point of beginning.

Less and Excepting that property Deeded to Rulon J. Harper, recorded January 28, 2011 as Entry No. 352784.

(Tax Parcel No. 06-017-A-0032)

Also Less and Excepting a parcel of land located in the South half of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being South 89°16'37" West, 2355.53 feet from the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian; and running thence South 89°16'37" West, 294.11 feet; thence South 89°16' West, 1812.03 feet; thence North 09°00'00" West, 2311.76 feet; thence North 89°42'56" East, 2467.64 feet; thence South 2268.79 feet to the point of beginning.

Together with:

An easement fifty feet (50') in width for ingress/egress located in the Southeast Quarter of Section 11 and the Southwest Quarter of Section 12, Township 4 south, Range 5 West, Salt Lake Base and Meridian. Being more particularly described as follows:

Beginning at a point being South 89°16'37" West, 2327.53 feet and North 00°43'23" West, 2218.61 feet from the Southeast corner of Section 11, Township 4 South, Range 5 West, Salt Lake Base and Meridian; and running thence North, 50.00 feet; thence North 89°42'56" East, 2835.25 feet; thence South 46°10'48" East 71.84 feet; thence South 89°42'56" West, 2887.08 feet to the point of beginning.

(Tax Parcel No. 06-017-A-0031)

BAUER TAILINGS SITE
WEST BAUER ROAD
TOOELE, UT 84074

Inquiry Number: 7037213.7S
JUNE 30, 2022

EDR Environmental Lien and AUL Search

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

BAUER TAILINGS SITE
WEST BAUER ROAD
TOOELE, UT 84074

RESEARCH SOURCE

Source 1: TOOELE COUNTY RECORDER'S OFFICE

Source 2: UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: PART OF SE 1/4 OF SEC 11, & PART OF E 1/2 OF SEC 14 & PART OF W 1/2 OF SEC 13, ALL IN T4S, R5W, SLB&M. THE SAME BEING DEEDED & FURTHER DESC IN WD BK 234 PG 427-429. ALSO MILL TAILINGS. LESS 22.68 ACRES TO TOOELE COUNTY 6-17-16 485/319 FOR 98 YR (NEW PARCEL # FOR 2008 YR) 349.32 AC ------ LESS 1.65 AC TO BAUER RD AS PER DEDICATION PLAT ENTRY# 357038. OUT OF 6-17-C-11 FOR 2012 YEAR. 347.67 AC

Current Owner: SEA RAY INVESTMENTS, L.L.C.

Property Identifiers: 06-017-C-0029

Comments: NA

Deed 1

Type of Deed:	TRUSTEE'S DEED
Title is vested in:	SEA RAY INVESTMENTS, L.L.C.
Title received from:	MICHAEL A. DAY
Date Executed:	08/04/2011
Date Recorded:	08/05/2011
Book:	NA
Page:	NA
Volume:	NA
Instrument#:	358814
Docket:	NA
Land Record Comments:	NA
Miscellaneous Comments:	NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found ☐ Not Found ☒

Comments: NONE IDENTIFIED.

Ent: 358814 - Pg 1 of 3
Date: 8/5/2011 2:17:00 PM
Fee: $15.00
Filed By: eCASH
Jerry M. Houghton, Recorder
Tooele County Corporation
For: Durham Jones & Pinegar - St. George

WHEN RECORDED MAIL TO:
Michael A. Day
DURHAM, JONES & PINEGAR, P.C.
192 East 200 North, 3rd Floor
St. George, Utah 84770

Tax ID No.: 06-017-C-0011

TRUSTEE'S DEED

This indenture, made this 4th day of August, 2011, between Michael A. Day as "Trustee" and "Grantor" hereunder and Sea Ray Investments, L.L.C., whose address is 144 West Brigham Road #5, St. George, Utah 84790, as "Grantee" hereunder.

WHEREAS, by a Trust Deed (the "Trust Deed") dated April 6, 2006, and recorded April 11, 2006, as Entry No. 257833, records of the Tooele County Recorder, Mathew R. Arbshay as Trustor, did convey to Security Title Insurance Agency of Utah as Trustee, upon the trust therein expressed, the property hereinafter described to secure the payment of a certain Trust Deed Note (the "Note") and other obligations as more particularly set forth in the Trust Deed; and

WHEREAS, default was made under the terms of the Trust Deed in the particulars set forth in the Notice of Default hereinafter referred to; and

WHEREAS, Michael A. Day was appointed as a successor Trustee (the "Trustee") by Beneficiary by a Substitution of Trustee duly executed and recorded July 8, 2009 as Entry No. 328957, in the records of Tooele County, Utah; and

WHEREAS, Sea Ray Investments, LLC, being then the holder of the Note secured by the Trust Deed did cause the Trustee to execute a written Notice of Default and of election to cause said property to be sold to satisfy the obligations of the Trust Deed and accordingly, the Trustee did on July 8, 2009, file for record a Notice of Default which was duly recorded as Entry No. 328958 in the records of Tooele County, Utah;

WHEREAS, not later than 10 days after such Notice of Default was recorded, the Trustee mailed, by certified mail, with postage prepaid, a copy of such Notice of Default with the recording date shown thereon, addressed to the address of the said Trustor which was set forth in the said Trust Deed; and

WHEREAS, more than three months elapsed since the filing for record of the Notice of Default and during said three month period said default was not cured and said default continued; and

WHEREAS, the Trustee gave written notice of the time and place of sale particularly describing the property to be sold, as follows:

(a) by publication of such notice in the Tooele Transcript Bulletin a newspaper of general circulation in Tooele County, Utah, three times, once a week for three consecutive weeks, namely July 7, 14 and 21, 2011, the last publication being at least 10 days and not more than 30 days prior to the date of sale, and

(b) by posting such notice at least 20 days prior to the date of sale in a conspicuous place on the property to be sold and at the office of the Tooele County Recorder, and

(c) by mailing, by certified mail, with postage prepaid, at least 20 days prior to the date of sale, a copy of the Notice of Sale to Trustor, at the address set forth in the said Trust Deed; and

WHEREAS, at 11:30 a.m. on Wednesday, August 3, 2011, at the Tooele County Courthouse, 47 South 100 East, Tooele, Utah, that being the time and place specified in the Notice of Sale referred to hereinabove the Trustee sold the following described property at public auction to the Grantee, the highest bidder; and

WHEREAS, the sum bid by the Grantee is a credit bid which will be credited against the balance owing under the Trust Deed.

NOW, THEREFORE, in consideration of the credit bid of Five Hundred Thousand Dollars ($500,000.00) the amount so bid by the Grantee, the receipt of which is hereby acknowledged, Michael A. Day as Trustee and Grantor hereunder, does hereby convey to Grantee hereunder, all of the title of Michael A. Day as Trustee under the Trust Deed above described and all of the right, title interest and claim of the Trustor and Trustor's successors in interest, and of all persons claiming by, through, or under Trustor, including all such right, title, interest, and claim acquired by Trustor or Trustor's successors in interest subsequent to the execution of the Trust Deed above described in and to the following described real property located Washington County, Utah, to-wit:

See Exhibit "A" that is attached hereto and incorporated herein by this reference.

Together with all buildings, fixtures, and improvements thereon and all water rights, rights of way, easements, rents, issues, profits, income, tenements, hereditaments, franchises, privileges, and appurtenances thereunto now or hereafter used or enjoyed with said property, or any part thereof.

IN WITNESS WHEREOF, the Trustee and Grantor hereunder has caused this deed to be executed on the day and the year first above written.

TRUSTEE:

By: _____
Michael A. Day

STATE OF UTAH)
) : ss
COUNTY OF WASHINGTON)

The foregoing instrument was acknowledged before me this 4th day of August, 2011, by Michael A. Day, Trustee.

_____
Notary Public

SHANAN ARSLANIAN
Notary Public
State of Utah
Comm. No. 579465
My Comm. Expires Jul 14, 2013

(42435.11)

EXHIBIT A

The land referred to below is situated in the State of Utah, County of Tooele, and is described as follows:

(Tax Parcel No. 06-017-C-0011)

Part of the Southeast quarter of Section 11, and part of the East half of Section 14, and part of the West half of Section 13, all in Township 4 South, Range 5 West, Salt Lake Base and Meridian, Tooele County, Utah.

Beginning at a point whence the Northeast corner of Section 13, Township 4 South, Range 5 West, Salt Lake Base and Meridian bears North 78°35'06" East a distance of 4492.40 feet and considering the West line of the tract described in Book 131, at Page 767 in the Tooele County Courthouse, Utah to bear South as recorded; thence South 1000.00 feet; thence East 663.30 feet to the center line of the Bauer railroad spur track; thence along said railroad spur track Northeast to the point of intersection of said tract with the centerline of the county road; thence leaving said railroad spur North 89°01'49" East 407.88 feet; thence South 21°21'18" West 1633.03 feet; thence East 425.00 feet; thence South 15°19'21" West 606.74 feet to the West right of way fence for the SL and LA Railroad; thence along said right of way fence the following: South 57°49'50" West 820.65 feet; thence 174.30 feet along the arc of a curve to the left, the radius of which is 1567.02 feet and the long chord is South 54°47'20" West 174.21 feet; thence North 88°23'50" West 75.47 feet; thence 667.27 feet along the arc of a curve to the left, the radius of which is 1617.02 feet and the long chord is South 37°37'21" West 662.54 feet; thence leaving said right of way fence North 88°59'00" West 2548.18 feet; thence North 3400.00 feet; thence West 700.00 feet; thence North 2500.00 feet; thence East 1700.00 feet; thence South 2300.00 feet; thence East 1500.00 feet, more or less, to the point of beginning.

Less and Excepting therefrom that portion conveyed in that certain Deed recorded December 31,1997 as Entry No. 105082, in Book 485 at Page 315, being more particularly described as follows:

Part of the West half of Section 13, Township 4 South, Range 5 West, Salt Lake Base and Meridian, Tooele County, Utah.

Beginning at a point North 28°23'03" East 4438.14 feet from the common corner of Sections 13,14,23 and 24, and considering the South line of the Southeast quarter of Section 14 to bear South 88°55'37" West, said beginning point also being described as beginning at a point whence the Northeast corner of Section 13, Township 4 South, Range 5 West, Salt Lake Base and Meridian, bears North 78°35'06" East 4492.40 feet; thence South 1000 feet; thence East 663.3 feet to the centerline of the Bauer railroad spur track; thence along said spur track the following four courses: North 40°41'24" East 158.07 feet; thence North 44°43'48" East 132.38 feet; thence North 52°48'20" East 366.00 feet; thence North 59°51'15" East 157.00 feet to a survey point at the point of intersection of the centerline of said spur track and the centerline of a County Road, which is also the beginning point for the following described parcel; running thence North 89°01'49" East 407.88 feet; thence South 21°21'18" West 1633.03 feet; thence East 425.00 feet; thence South 15°19'21" West 606.74 feet to a point which lies on the Westerly right of way line of the Union Pacific Railroad Company; thence South 72°48'23" West 203.73 feet; thence South 61°35'30" West 204.57 feet; thence North 23°13'31" West 486.53 feet to an existing fence; thence along said fence line North 23°13'31" West 237.06 feet to a point which lies on the existing asphalt Bauer Road; thence along the approximate centerline of said road the next three courses: North 28°41'41" East 61.04 feet; thence North 18°00'12" East 1198.12 feet; thence North 24°35'14" East 438.54 feet, more or less, to the point of beginning.

APPENDIX C

SITE PHOTOGRAPHS

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SW
Photo Description: Automated gate installed on Bauer Road along the property boundary with the landfill to close off historic access points.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	NW
Photo Description: Security fencings along Bauer road	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SSW
Photo Description: Security access gate located at the main entrance located on the northeast corner of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	SSW
Photo Description: Informational and warning signs posted at the security access gate located at the entrance of northeast access road.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SE
Photo Description: Neighboring Toole Landfill located adjacent to the east of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	S
Photo Description: Debris from structures formerly located on the east side of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SE
Photo Description: Last remaining structure located on the east side of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	SSW
Photo Description: Lock on the single structure remaining on the east side of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	S
Photo Description: Second security gate located on the northwest access road to restrict unauthorized access to the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	E
Photo Description: Debris of structures formally located on the east side of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	S
Photo Description: Concrete footings from former structure located on the east side of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	SSW
Photo Description: Installed soil berm on the northeast access road to stop further access into the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	E
Photo Description: Vegetation growth on the former field office location during removal actitivites.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	NW
Photo Description: Vegetation growth on the southern area of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	W
Photo Description: Vegetation growth on the southern area of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	SW
Photo Description: Remaining concrete foundation of former structures and vegetation growth on the southern area of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	S
Photo Description: Remaining concrete foundation of former structures on the southeast side of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	NE
Photo Description: Berms and soil piles throughout the former southeast access road used during removal activities.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SSW
Photo Description: Deconstructed southeast access road used during removal activities.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	E
Photo Description: Vegetation growth on the southeast area of the site, facing the remaining concrete footings from the former process facility.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SE
Photo Description: Vegetation growth on the Site	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	SSE
Photo Description: Vegetation growth on the central area of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	N
Photo Description: Vegetation growth on the south-central area of the Site	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	SSE
Photo Description: Vegetation growth on the south-central area of the Site	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	NE
Photo Description: Vegetation growth on the south-central area of the Site	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	NE
Photo Description: Vegetation growth on the southwest area of the Site	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SE
Photo Description: Vegetation growth on the southwest side of the Site	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	S
Photo Description: View of the southwestern property boundary line	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	N
Photo Description: Southwest property boundary line	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	E
Photo Description: Installed concrete carriers at the southwest access point to restrict unauthorized access to the Site	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	E
Photo Description: View of the Site from the central west boundary point.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	NE
Photo Description: Vegetation growth progress on the northwest capped area on the Site	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	NW
Photo Description: View of the northern capped area, from the central west boundary point.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	WNW
Photo Description: View of northwest area of the Site	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SE
Photo Description: Concrete barriers installed at the northwest entrance to restrict unauthorized access to the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	N
Photo Description: Entrance to neighboring property, Harper Quarry, located adjacent to the Northwest of the Site.	
Photographer:	Madison Ericson

Project Name:	Site Location:	Project No.
Bauer Tailings Site Reassessment	Stockton, Utah	2083-2112-03

Date:	8/18/2022
Photo Direction:	SW
Photo Description: Neighboring rock quarry, located adjacent to the southwest of the Site.	
Photographer:	Madison Ericson

Date:	8/18/2022
Photo Direction:	WNW
Photo Description: View of the vacant land located adjacent to the west of the Site.	
Photographer:	Madison Ericson

APPENDIX D

PROPERTY RECORDS AND SUPPORTING DOCUMENTATION

APPENDIX D-1

PROPERTY RECORDS

- Searching
  - Document Search
  - Property Search
- Report
- Help
- Fraud Guard
- About
- Sire Search
- Interactive Map
- Logout publicweb

Account R030739

Location

Acres 64.818

Parcel Number 06-017-A-0032

Account Number R030739

Tax District 10 - O.D. MOSQUITO

Year Built

Above Ground SQFT

Basement SQFT

Basement SQFT Complete 0

Status Code OK - Normally Tax Property

HouseNumber

StreetName

Parcels 06017A0029

OwnerName SEA RAY INVESTMENTS LLC

Legal BEG AT THE SE COR OF SEC 11, T4S, R5W, SLB&M, AND RUN ALG THE S LI OF SD SEC S 89°17'17" W 655.39 FT TO THE E LI OF PPTY CONVEYED TO ARCHIE POARCH IN BK 401 PG 379 OF OFFICIAL RECORDS; TH ALG SD PPTY THE FOLLOWING THREE COURSES; 1) N 1469.88 FT, 2) W 1700 FT, 3) S 1491.01 FT M/L TO THE S LI OF SD SEC; TH S 89°17'17" W 2106.30 FT M/L TO THE E LI OF AGREEMENT RECORDED AS ENTRY #305976 IN BK 130 PG 402-405 OF OFFICIAL RECORDS; TH ALG SD E LI N 09° W 2310.70 FT TO THE S LI OF PPTY CONVEYED TO RANCH 77 LC IN BK 414 PG 589 OF OFFICIAL RECORDS; TH ALG SD S LI N 89°42'56" E 4842.09 FT TO THE E LI OF SD SEC; TH S 00°29'08" W 2250.94 FT TO THE SE COR OF SD SEC AND POB. (NEW PARCEL # FOR 2008 YR) 184.38 AC---LESS 119.562 AC CONVEYEDTO RULON HARPER WD ENTRY #352784. BALANCE OF 6-17-A-29 AFTER 6-17-A-31 FOR 2012 YEAR. 64.818 AC

Entry Date

Remarks

Owner

Owner Name SEA RAY INVESTMENTS LLC

In Care Of Name SEA RAY INVESTMENTS LLC

Owner Address 144 W BRIGHAM RD STE 5
ST GEORGE, UT 84790
UNITED STATES

Value

Actual (2022) $127,227

Primary Taxable $127,227

Tax Area: 10 **Tax Rate:** 0.011655

Type	Actual	Assessed	Acres
LA02	$127,227	$127,227	64.818

Transfers

Sale Date	Doc Description
Fri Dec 03 12:00:00 MST 1993	WARRANTY DEED
Wed Dec 01 12:00:00 MST 1993	WARRANTY DEED
Fri Dec 03 12:00:00 MST 1993	QUIT CLAIM DEED
Fri Dec 03 12:00:00 MST 1993	QUIT CLAIM DEED

Mon Oct 16 12:00:00 MDT 1995	SPECIAL WARRANTY DEED
Mon Oct 16 12:00:00 MDT 1995	QUIT CLAIM DEED
Mon Oct 16 12:00:00 MDT 1995	SPECIAL WARRANTY DEED
Mon Oct 16 12:00:00 MDT 1995	QUIT CLAIM DEED
Wed Dec 22 12:00:00 MST 1999	WARRANTY DEED
Tue Jan 04 12:00:00 MST 2000	AFFIDAVIT
Mon Mar 20 12:00:00 MST 2000	WARRANTY DEED
Mon Mar 20 12:00:00 MST 2000	QUIT CLAIM DEED
Mon Feb 14 12:00:00 MST 2005	WARRANTY DEED
Fri Nov 04 12:00:00 MST 2005	JUDGEMENT
Fri Dec 08 12:00:00 MST 2006	WARRANTY DEED
Tue Apr 17 12:00:00 MDT 2007	WARRANTY DEED
Tue Apr 10 12:00:00 MDT 2007	AFFIDAVIT
Tue Apr 10 12:00:00 MDT 2007	AFFIDAVIT
	PLAT
Mon Jul 20 12:00:00 MDT 2009	WARRANTY DEED
Wed Jan 19 12:00:00 MST 2011	WARRANTY DEED
Wed Jan 19 12:00:00 MST 2011	WARRANTY DEED
Mon Mar 07 12:00:00 MST 2011	AFFIDAVIT
Wed Oct 05 12:00:00 MDT 2011	TRUSTEES DEED
Tue Sep 03 12:00:00 MDT 2013	RESOLUTION
Tue Apr 01 12:00:00 MDT 2014	RESOLUTION
Tue Jan 21 12:00:00 MST 2014	RESOLUTION
	PLAT

Tax

Tax Year	Taxes
*2022	$1,482.83
2021	$955.31

* Estimated

Images

- Searching
  - Document Search
  - Property Search
- Report
- Help
- Fraud Guard
- About
- Sire Search
- Interactive Map
- Logout publicweb

Account R030875

Location

Acres 347.67

Parcel Number 06-017-C-0029

Account Number R030875

Tax District 10 - O.D. MOSQUITO

Year Built

Above Ground SQFT

Basement SQFT

Basement SQFT Complete 0

Status Code OK - Normally Tax Property

HouseNumber

StreetName

Parcels 06017C0011

OwnerName SEA RAY INVESTMENTS LLC

Legal PART OF SE 1/4 OF SEC 11, & PART OF E 1/2 OF SEC 14 & PART OF W 1/2 OF SEC 13, ALL IN T4S, R5W, SLB&M. THE SAME BEING DEEDED & FURTHER DESC IN WD BK 234 PG 427-429. ALSO MILL TAILINGS. LESS 22.68 ACRES TO TOOELE COUNTY 6-17-16 485/319 FOR 98 YR (NEW PARCEL # FOR 2008 YR) 349.32 AC ---------- LESS 1.65 AC TO BAUER RD AS PER DEDICATION PLAT ENTRY# 357038. OUT OF 6-17-C-11 FOR 2012 YEAR. 347.67 AC

Entry Date

Remarks

Owner

Owner Name SEA RAY INVESTMENTS LLC

In Care Of Name SEA RAY INVESTMENTS LLC

Owner Address 144 WEST BRIGHAM RD #5
ST GEORGE, UT 84790
UNITED STATES

Value

Actual (2022)	$551,505
Primary Taxable	$551,505

Tax Area: 10 **Tax Rate**: 0.011655

Type	Actual	Assessed	Acres
LA02	$551,505	$551,505	347.670

Transfers

Sale Date	Doc Description
Sat Oct 22 12:00:00 MDT 1988	MINERAL DEED
Fri Dec 03 12:00:00 MST 1993	WARRANTY DEED
Wed Dec 01 12:00:00 MST 1993	WARRANTY DEED
Fri Dec 03 12:00:00 MST 1993	QUIT CLAIM DEED
Fri Dec 03 12:00:00 MST 1993	QUIT CLAIM DEED
Sat Feb 04 12:00:00 MST 1995	QUIT CLAIM DEED
Thu Jun 29 12:00:00 MDT 1995	QUIT CLAIM DEED
Mon Oct 16 12:00:00 MDT 1995	SPECIAL WARRANTY DEED
Mon Oct 16 12:00:00 MDT 1995	QUIT CLAIM DEED
Mon Oct 16 12:00:00 MDT 1995	SPECIAL WARRANTY DEED
Thu Aug 21 12:00:00 MDT 1997	DEED
Thu Aug 21 12:00:00 MDT 1997	DEED

Mon Dec 29 12:00:00 MST 1997	QUIT CLAIM DEED
Mon Dec 29 12:00:00 MST 1997	DEED
Mon Dec 29 12:00:00 MST 1997	DEED
Mon Dec 29 12:00:00 MST 1997	SPECIAL WARRANTY DEED
Mon Dec 29 12:00:00 MST 1997	SPECIAL WARRANTY DEED
Tue Nov 23 12:00:00 MST 1999	PERSONAL REP DEED
Wed Dec 22 12:00:00 MST 1999	WARRANTY DEED
Tue Jan 04 12:00:00 MST 2000	AFFIDAVIT
Mon Mar 20 12:00:00 MST 2000	WARRANTY DEED
Thu Apr 27 12:00:00 MDT 2000	AFFIDAVIT
Mon Feb 14 12:00:00 MST 2005	WARRANTY DEED
Fri Nov 04 12:00:00 MST 2005	JUDGEMENT
Mon Sep 26 12:00:00 MDT 2005	WARRANTY DEED
Wed Mar 01 12:00:00 MST 2006	WARRANTY DEED
Thu Mar 02 12:00:00 MST 2006	WARRANTY DEED
	PLAT
Mon Dec 14 12:00:00 MST 2009	WARRANTY DEED
	PLAT
Fri Jul 08 12:00:00 MDT 2011	OWNERS DEDICATION
Mon Jul 11 12:00:00 MDT 2011	OWNERS DEDICATION
Fri Jul 08 12:00:00 MDT 2011	OWNERS DEDICATION
Tue Jul 12 12:00:00 MDT 2011	OWNERS DEDICATION
Tue Jul 12 12:00:00 MDT 2011	OWNERS DEDICATION
Fri Jul 15 12:00:00 MDT 2011	OWNERS DEDICATION
Thu Aug 04 12:00:00 MDT 2011	TRUSTEES DEED
Thu Apr 05 12:00:00 MDT 2012	TRUSTEES DEED
Tue Sep 03 12:00:00 MDT 2013	RESOLUTION
Tue Apr 01 12:00:00 MDT 2014	RESOLUTION
Tue Jan 21 12:00:00 MST 2014	RESOLUTION
	PLAT

Tax

Tax Year	Taxes
*2022	$6,427.79
2021	$4,298.80

* Estimated

Images

- Photo

- Searching
  - Document Search
  - Property Search
- Report
- Help
- Fraud Guard
- About
- Sire Search
- Interactive Map
- Logout publicweb

Account R029370

Location

Acres 12.58

Parcel Number 06-017-D-0027

Account Number R029370

Tax District 10 - O.D. MOSQUITO

Year Built

Above Ground SQFT

Basement SQFT

Basement SQFT Complete 0

Status Code OK - Normally Tax Property

HouseNumber

StreetName

Parcels 0601700027

OwnerName SEA RAY INVESTMENTS LLC

Legal BEG AT THE NE COR OF SEC 14, T4S, R5W, SLB&M, AND RUN THE S 00°14'16" E ALG THE E LI OF SEC 838.27 FT TO A PT ON THE N LI OF PPTY CONVEYED TO ARCHIE POARCH IN BK 401 PG 379 OF OFFICIAL RECORDS, TH ALG SD PPTY THE FOLLOWING TWO COURSES; 1) W 658.82 FT, 2) N 830.12 FT TO THE N LI OF SEC 14, TH N 89°17'17" E 655.39 FT TO POB. (NEW PARCEL # FOR 2008 YR) 12.58 AC

Entry Date

Remarks

Owner

Owner Name SEA RAY INVESTMENTS LLC

In Care Of Name SEA RAY INVESTMENTS LLC

Owner Address 144 W BRIGHAM RD STE 5
ST GEORGE, UT 84790
UNITED STATES

Value

Actual (2022) $48,870

Primary Taxable $48,870

Tax Area: 10 **Tax Rate:** 0.011655

Type	Actual	Assessed	Acres
LA02	$48,870	$48,870	12.580

Transfers

Sale Date	Doc Description
Mon Oct 16 12:00:00 MDT 1995	SPECIAL WARRANTY DEED
Mon Oct 16 12:00:00 MDT 1995	QUIT CLAIM DEED
Mon Oct 16 12:00:00 MDT 1995	SPECIAL WARRANTY DEED
Tue Jan 04 12:00:00 MST 2000	AFFIDAVIT
Mon Mar 20 12:00:00 MST 2000	WARRANTY DEED
Mon Mar 20 12:00:00 MST 2000	QUIT CLAIM DEED
Mon Feb 14 12:00:00 MST 2005	WARRANTY DEED
Fri Dec 08 12:00:00 MST 2006	WARRANTY DEED
Tue Apr 17 12:00:00 MDT 2007	WARRANTY DEED
Tue Apr 10 12:00:00 MDT 2007	AFFIDAVIT
Tue Apr 10 12:00:00 MDT 2007	AFFIDAVIT
	PLAT
Wed Oct 05 12:00:00 MDT 2011	TRUSTEES DEED

Wed Nov 16 12:00:00 MST 2011	TRUSTEES DEED
Tue Sep 03 12:00:00 MDT 2013	RESOLUTION
Tue Apr 01 12:00:00 MDT 2014	RESOLUTION
Tue Jan 21 12:00:00 MST 2014	RESOLUTION
	PLAT

Tax

Tax Year	Taxes
*2022	$569.58
2021	$337.83

* Estimated

Images

- Photo

APPENDIX D-2

BAUER TAILINGS REASSESSMENT SITE TRIP REPORT – PHASE 1 SAMPLING EVENT AUGUST 1, 2022

TETRA TECH

MADISON ERICSON
PROJECT MANAGER

August 1, 2022

Ryan Dunham
EPA Contracting Officer's Representative
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop St.
Denver, Colorado, 80202

Subject: **Site Trip Report – Phase 1 Sampling Event – Revision 2**
Bauer Tailings Site Reassessment
Stockton, Utah
U.S. EPA Region 8 START V, Contract No. 68HE0820D0001
Task Order No. 68HE0820F0083
TD No. 2083-2112-03

Dear Mr. Dunham:

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) is submitting Revision 2 of the Site Assessment Trip Report generated for the Phase 1 (P1) sampling event at the Bauer Tailings Site Reassessment in Stockton, Tooele County, Utah. This report summarizes field activities conducted during P1 of the site reassessment. Specific elements of this phase of the technical direction (TD) included collection of composite soil samples, collection of grab soil samples, conducting XRF screening of samples, laboratory analysis of a subset of samples, documenting on-site conditions, collecting Global Positioning System (GPS) coordinates for aliquot locations, data management activities, and preparing this trip report. Enclosure 1 presents the site and screening results figures; Enclosure 2 contains the XRF screening results, and the laboratory analytical results. Enclosure 3 presents the laboratory data package and data validation report.

Sincerely,

Madison Ericson
START Technical Direction Manager

SITE TRIP REPORT – PHASE 1 SAMPLING EVENT

REVISION 2

BAUER TAILINGS SITE REASSESSMENT SITE
STOCKTON, UTAH

Region 8 Superfund Technical Assessment and Response Team (START) V
Contract No. 68HE0820D0001, Task Order 68HE0820F0083

Prepared For:

U.S. Environmental Protection Agency
Region 8
Superfund Division
1595 Wynkoop Street
Denver, Colorado 80202

August 1, 2022

Prepared By:

Tetra Tech, Inc.
1560 Broadway, Suite 1400
Denver, Colorado 80202
(303) 312-8800

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Enclosure

1 SITE FIGURES
2 XRF SCREENING RESULTS AND FIXED LABORATORY ANALYTICAL RESULTS
3 LABORATORY ANALYTICAL PACKAGE AND DATA VALIDATION REPORT

1.0 SITE LOCATION AND DESCRIPTION

The Bauer Tailings Site Reassessment site (the Site) is located approximately three miles southwest of Stockton, Tooele County, Utah (Figure 1). The approximate geographic coordinates, acreage, and elevation of the Site are identified in the table below. Tooele Waste Management is located approximately 1 mile to the northeast from the Site, and Tooele Army Depot is approximately 3 miles to the north from the Site.

Site	Latitude	Longitude	Acreage	Elevation (feet above mean sea level)
Bauer Tailings	40.4715093	-112.3681012	425	4944

During the site assessment activities, U.S. Environmental Protection Agency (EPA), Utah Department of Environmental Quality (UDEQ), and Environmental Restoration LLC (ER) were conducting a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Time-Critical Removal Action (TCRA) to mitigate the threat from two large areas of tailings and mine waste at the Site (EPA 2021). In November 2021, the TCRA operations began to regrade and cap the waste deposits to prevent surface water from collecting and to prevent tailings from migrating (EPA 2022a).

In The Phase 1 (P1) site assessment sampling event activities were conducted in areas within Tooele County parcels 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027 that were outside of the TCRA work area.

2.0 SITE ASSESSMENT ACTIVITES

On January 7, 2022, UDEQ along with the EPA had visually identified and mapped 17 suspected hotspots of contamination throughout the P1 area. Surface soil samples were collected by UDEQ on January 7, 2022 from the hotspots in advance of the P1 sampling so that the areas could be integrated in the active TCRA work area. On January 25, 2022, EPA, UDEQ, and START began the P1 site assessment activities. Activities included collection of 170 composite surface soil samples from grids in the P1 area of the Site, conducting ex situ XRF analyses on all samples, as well as documenting site assessment activities. The hotspot samples collected by UDEQ on January 7 were transferred to START's custody on January 26, 2022, for ex situ XRF analyses along with the collected P1 grid samples. P1 grid locations are included in Figure 2 and hotspot sample locations are included in Figure 3.

2.1 GRID SOIL SAMPLING ACTIVITIES

Sample collection activities were conducted in accordance with Revision 2 of the Sampling, Monitoring, and Analysis Plan (SMAP) submitted on January 22, 2022 and approved by EPA (Tetra Tech 2022). On January 25 through 27, START, with the assistance of EPA and UDEQ, collected 170 composite surface soil samples from 0 to 3 inches below ground surface to investigate the extent of migration of contaminants (lead and arsenic) from the tailings piles located within the TCRA work area. Prior to sampling, the P1 site assessment area was divided into grids measuring 100- by 100-meters by the START data management team. In each complete grid square designated for sampling, ten surface soil aliquots were collected using stainless steel trowels and placed into a zip-tight bag before being homogenized into one sample representative of the extent of contamination in the entire area. For grid squares smaller than 100- by 100-meters due to Site boundaries, the number of aliquots collected was proportional to the size of the grid square included in the sampling area. Within each grid, no aliquot location was located within 100 feet of another aliquot to ensure spatial coverage of each grid. In total, 1,147 aliquots from 170 grids were collected. Hotspot areas that were located and sampled by UDEQ were excluded from the P1 grid sampling area.

Sampling equipment was decontaminated between each grid sample. Upon completion of sampling activities on January 27, 2022, P1 grid samples and UDEQ hotspot samples transferred to START custody were packaged securely for transport to the EPA warehouse in Arvada, Colorado for ex situ XRF analyses. Sampling activities were recorded using ESRI's Survey123 and Field Maps mobile data collection application.

2.2 XRF SCREENING ACTIVITIES

XRF screening was conducted on January 31 through February 9, 2022, in accordance with the EPA Region 4 Superfund X-Ray Fluorescence Field Operations Guide (FOG) and the SMAP (Tetra Tech 2022b). Subsamples were collected from each sample for XRF screening; the remainder of each sample was preserved on ice for laboratory analysis. The subsamples were homogenized using dedicated equipment to prevent contamination and placed on a drying hot plate to remove moisture that can interfere with XRF results. After drying, the samples were ground using a mortar and pestle, then placed in an approved zip-tight plastic bag labeled with the sample for screening.

Prior to screening, the Vanta handheld XRF analyzer was calibrated with a 316 stainless steel calibration check reference coin and a Quality Assurance and Quality Control (QA/QC) check was run using a Silica (SiO_2) Standard and National Institute of Standards and Technology Standard Reference Material 2781. Each sample was checked again for moisture and further homogenized. XRF screening was then

conducted by screening three different points of the homogenized sample on the exterior of the zip-tight plastic bag. The XRF provided readings for 22 metals, including lead and arsenic, and all screening data was downloaded from the XRF analyzer. The metal concentration data for the three screening points for each sample were then averaged for a final XRF screening concentration. In Enclosure 1, see Figure 2 for grid sample locations and Figure 3 for hotspot sample locations.

XRF screening results were used to select 10% of the P1 grid soil samples with a range of low to high lead and arsenic concentrations to submit for laboratory analysis of target analyte list (TAL) metals. The 17 P1 grid samples selected for laboratory analysis and two duplicate samples were placed in 4-ounce sample jars and delivered to ALS Laboratories (ALS) in Fort Collins, Colorado on February 10, 2022. The hotspot samples were not submitted for laboratory analysis. A copy of the chain-of-custody form is included in the laboratory results package in Enclosure 3.

3.0 XRF AND FIXED LABORATORY RESULTS

Results were compared to EPA Removal Management Level (RML) for industrial soil with a target cancer risk level of 10-4 and a target hazard quotient of 1.0 for non-carcinogens (EPA 2022b). XRF screening results for the P1 grid samples indicated that arsenic concentrations at 152 grids exceeded the EPA industrial RML of 300 parts per million (ppm) for arsenic, and that lead concentrations at 154 grids exceeded the EPA industrial RML of 800 ppm for lead. Of the grids with arsenic exceedances, concentrations ranged from 313 ppm to 4,277 ppm. Of the grids with lead exceedances, concentrations ranged from 859 ppm to 26,644 ppm.

XRF screening results for the 17 UDEQ hotspot samples indicated that arsenic concentrations at 16 locations exceeded the EPA industrial RML of 300 parts per million (ppm), and lead concentrations at all 17 locations exceeded the EPA industrial RML of 800 ppm. Of the hotspot locations with arsenic exceedances, concentrations ranged from 722 ppm to 6,322 ppm. Of the hotspot with lead exceedances, concentrations ranged from 2,371 ppm to 20,845 ppm.

Grid soil samples with low to high arsenic and lead concentrations were chosen for fixed laboratory metals analysis based on XRF results. ALS analyzed 19 soil samples including two duplicate samples for TAL metals in accordance with SW-846 Methods 6010C and 7471B. The UDEQ hotspot samples were not submitted for laboratory analysis.

Fixed laboratory results indicated that 17 out of 19 P1 grid samples analyzed for TAL metals exceeded both the EPA industrial soil RMLs of 300 mg/kg for arsenic and 800 mg/kg for lead (Table 2). Of the samples with arsenic exceedances, concentrations ranged from 690 mg/kg to 2,800 mg/kg. Of the samples

with lead exceedances, concentrations ranged from 1,200 mg/kg to 29,000 mg/kg. No other metal analytes were detected in samples at concentrations above EPA industrial soil RMLs.

The XRF results for lead and arsenic for the UDEQ hotspot samples are provided in Figure 3. The XRF results for the P1 grid samples are provided in Figures 4 and 5. Each color illustrated on Figure 4 distinguishes a different XRF result concentration range in ppm for arsenic. Each color illustrated on Figure 5 distinguishes a different XRF result concentration range in ppm for lead. Table 1 of Enclosure 2 is a summary of lead and arsenic XRF results for both the P1 grid soil samples and the UDEQ hotspot soil samples. Table 2 in Enclosure 2 summarizes all fixed laboratory results for the P1 grid soil samples. Data validation reports and analytical reports are provided in Enclosure 3.

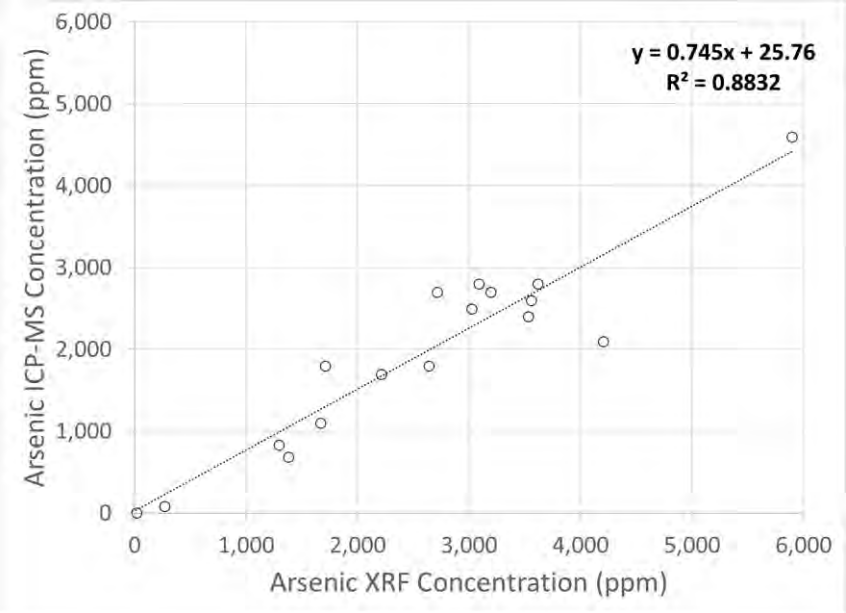
4.0 DATA QUALITY ASSESSMENT

The data quality objective for the composite grid samples was to evaluate the presence and extent of heavy metal contamination within the P1 sampling area. One soil duplicate sample (BT-GS-J15-DUP) was collected for laboratory analysis to assess total method precision; all field duplicate criteria were met. The duplicate soil sample was selected from the designated 10% of the P1 grid soil samples sent for fixed laboratory and was analyzed by the XRF with its original sample. The data quality objective was in accordance with Revision 2 of the SMAP (Tetra Tech 2022).

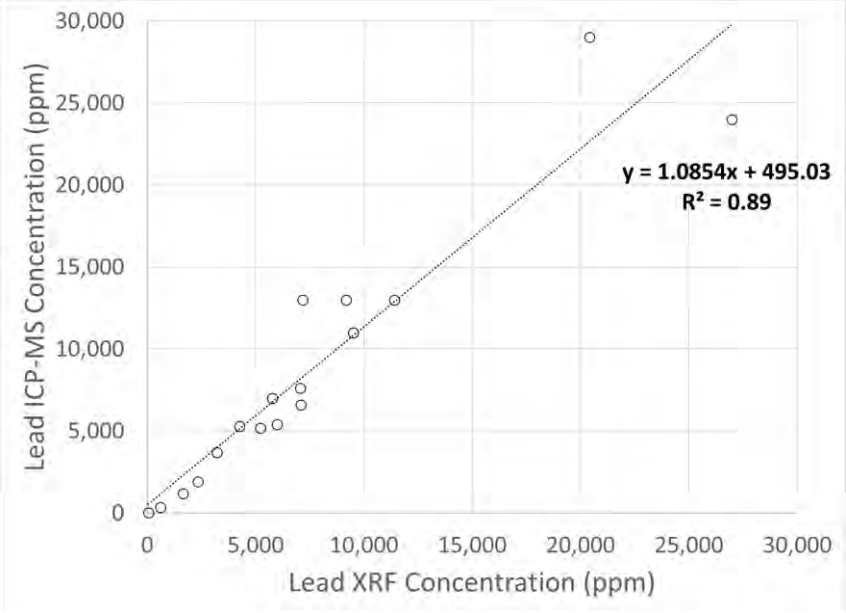
4.1 XRF CORRELATION

START conducted regressions of arsenic and lead XRF concentrations and laboratory analytical results for the 10% of selected P1 grid samples for which fixed laboratory analysis was performed. The arsenic and lead regression equations are included on the correlation graphs below.

Graph 1 – Arsenic Correlation



Graph 2 – Lead Correlation



4.2 DATA VALIDATION AND DATA MANAGEMENT

START personnel collected mobile data using ESRI's Survey123 mobile data collection application to document soil information, and to collect general photos and other site observations. Figures were created to show general site information such as the tailings boundary areas and the specific locations

outside the active TCRA work area where the hotspot and P1 sampling events occurred. Other figures show the sample locations along with their corresponding XRF results.

All soil sampling data and laboratory results were loaded into the Scribe database. All data analyzed by ALS in Fort Collins were validated by Tetra Tech chemists in general accordance with the Tetra Tech Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders (Tetra Tech 2021) and the EPA NFG for Inorganic Superfund Methods Data Review (November 2020). All laboratory data packages were verified and validated using a Stage 2a validation and all data were deemed acceptable for use as qualified in the data validation report.

4.3 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

START made every effort to perform site activities in accordance with the site-specific sampling, monitoring, and analysis plan. Site conditions and directions from the EPA SAM in the field resulted in slight deviations from the plan, including:

- Lead and Arsenic XRF analysis of the hotspot soil samples was conducted off-site due to time constraints.
- An equipment rinsate blank was not collected due to the extreme winter weather conditions on-site. All DI water brought to the site was utilized decontaminating reusable sampling equipment; therefore, a sufficient volume of DI water was not available to collect an equipment rinsate blank and submit it for analysis.

5.0 CONCLUSIONS

UDEQ collected 17 hotspot soil samples, and START, with the assistance of EPA and UDEQ, collected 170 grid soil samples from the P1 site assessment area. Soil samples were screened with an XRF for the main contaminants of concern, lead and arsenic. All 17 hotspot samples exceeded EPA RMLs for lead and 16 hotspot soil samples exceeded EPA RMLs for arsenic. There were 154 grid samples that exceeded EPA RMLs for lead and 152 grid samples exceeded EPA RMLs for arsenic.

START submitted 19 grid soil samples with low to high arsenic and lead concentrations for fixed laboratory metals analysis based on XRF results. The UDEQ hotspot samples were not submitted for laboratory analysis. The fixed laboratory results indicated that 17 out of 19 P1 grid samples analyzed for TAL metals exceeded both the EPA industrial soil RMLs for arsenic and lead. No other analytes were detected in samples at concentrations above EPA industrial soil RMLs.

6.0 REFERENCES

Tetra Tech Inc. (Tetra Tech). 2021. "Final Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment." Revision 4. May.

Tetra Tech. 2022. "Sampling, Monitoring, and Analysis Plan – Bauer Tailings Site Reassessment." Revision 1. January.

U.S. Environmental Protection Agency (EPA). 2021. "Action Memorandum, Approval, Funding, and Exemption from $2 Million Statutory Limit for a Removal Action at the Bauer Tailings Site in Stockton, Tooele County, Utah." Signed August 26. Accessed on-line at: https://response.epa.gov/sites/15313/files/Bauer%20Tailings%20Action%20Memo%20Signed.pdf

EPA. 2022a. On-Scene Coordinator Web Site Description for Bauer Tailing Site. Accessed in April 2022 at: https://response.epa.gov/site/site_profile.aspx?site_id=15313

EPA. 2022b. "Regional Removal Management Levels for Chemicals (RMLs) – Generic Tables." May. https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.

ENCLOSURE 1

SITE FIGURES

(Five pages)

Legend

Site Location

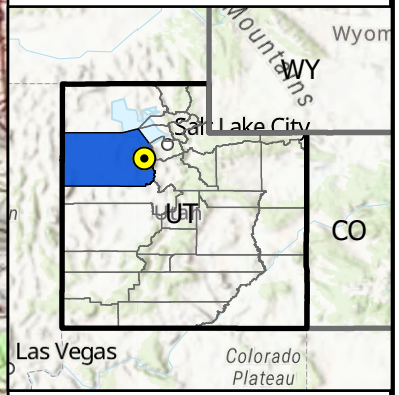
N

0 0.25 0.5 Miles

1 inch = 0.38 miles

Note:
Coordinates provided are the approximate center of site.

Map Source:
ESRI USA Topographic Map



United States Environmental Protection Agency Region 8

FIGURE 1
Site Location

Site: Bauer Tailings Site Reassessment

TD No.: 2083-2112-03

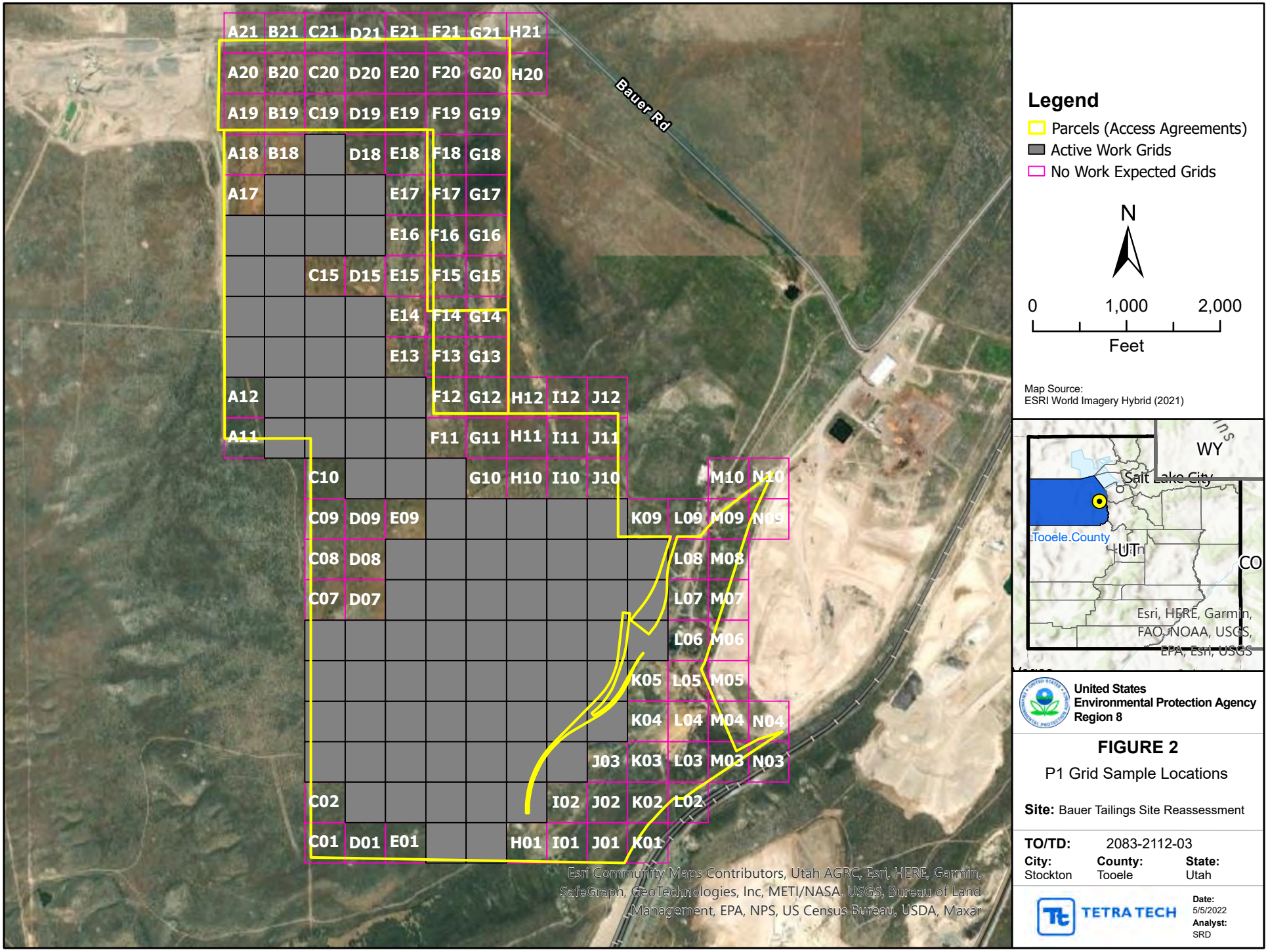
City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 1/4/2022

Analyst: SG

File: R:\GIS\R8STARTV\BauerTailingsRS\ArcGIS_Pro\BauerTailingsRS\BauerTailingsRS.aprx



Legend

- Parcels (Access Agreements)
- Active Work Grids
- No Work Expected Grids

N

0 1,000 2,000

Feet

Map Source:
ESRI World Imagery Hybrid (2021)

United States Environmental Protection Agency Region 8

FIGURE 2

P1 Grid Sample Locations

Site: Bauer Tailings Site Reassessment

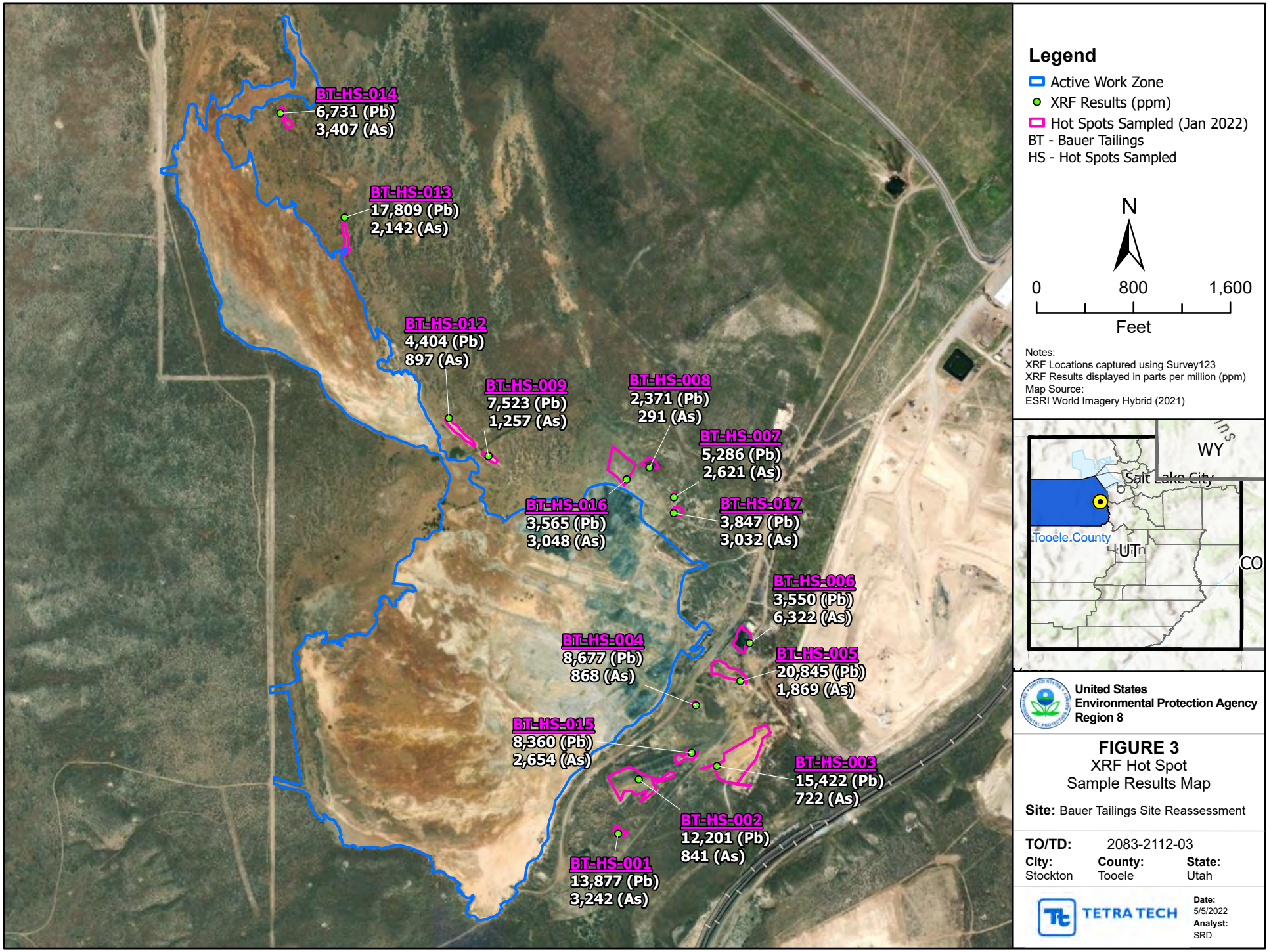
TO/TD: 2083-2112-03

City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 5/5/2022
Analyst: SRD

File: R:\GIS\R8STARTV\BauerTailingsRS\ArcGIS_Pro\BauerTailingsRS\BauerTailingsRS.aprx



Legend

- Active Work Zone
- XRF Results (ppm)
- Hot Spots Sampled (Jan 2022)

BT - Bauer Tailings
HS - Hot Spots Sampled

N

0 800 1,600

Feet

Notes:
XRF Locations captured using Survey123
XRF Results displayed in parts per million (ppm)
Map Source:
ESRI World Imagery Hybrid (2021)

United States Environmental Protection Agency Region 8

FIGURE 3

XRF Hot Spot
Sample Results Map

Site: Bauer Tailings Site Reassessment

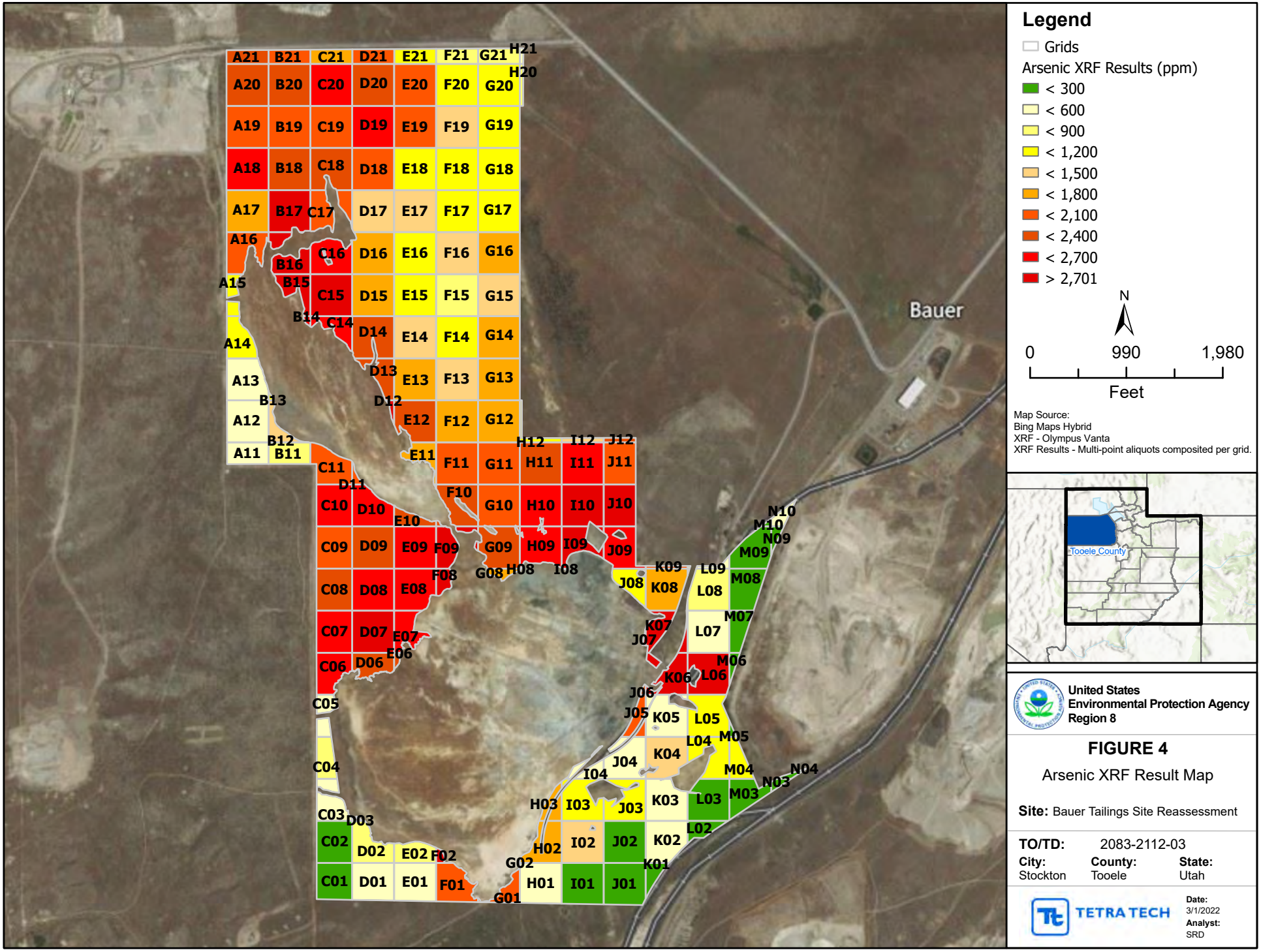
TO/TD: 2083-2112-03

City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 5/5/2022
Analyst: SRD

File: R:\GIS\R8STARTV\BauerTailingsRS\ArcGIS_Pro\BauerTailingsRS\BauerTailingsRS.aprx



Legend

- Grids

Arsenic XRF Results (ppm)

- < 300
- < 600
- < 900
- < 1,200
- < 1,500
- < 1,800
- < 2,100
- < 2,400
- < 2,700
- > 2,701

N

0 990 1,980

Feet

Map Source:
Bing Maps Hybrid
XRF - Olympus Vanta
XRF Results - Multi-point aliquots composited per grid.

United States
Environmental Protection Agency
Region 8

FIGURE 4

Arsenic XRF Result Map

Site: Bauer Tailings Site Reassessment

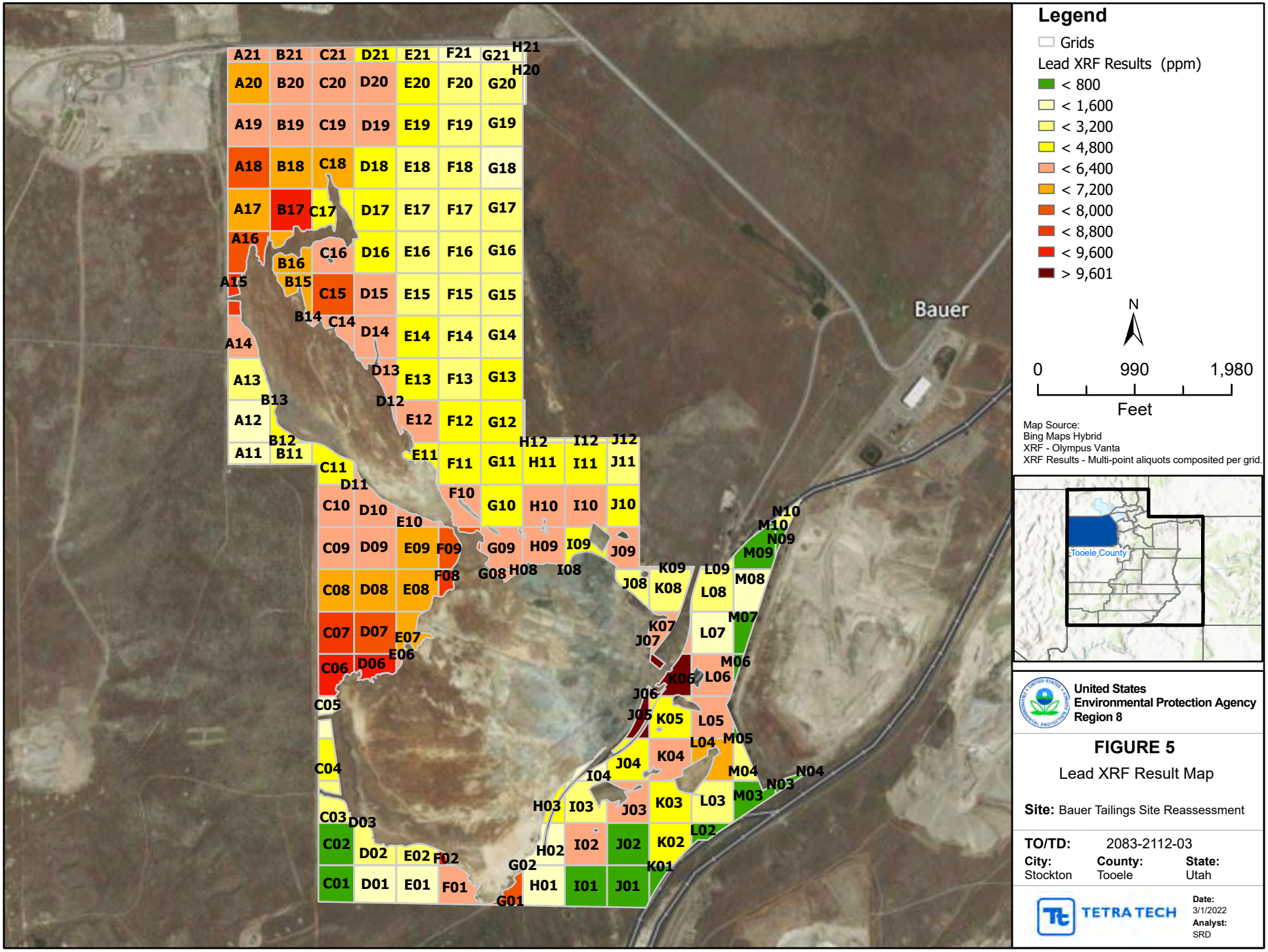
TO/TD: 2083-2112-03

City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 3/1/2022
Analyst: SRD

File: \\10.11.28.15\Projects\BauerTailings\GIS\ArcPro\BauerTailings\BauerTailings.aprx



Map Source:
Bing Maps Hybrid
XRF - Olympus Vanta
XRF Results - Multi-point aliquots composited per grid.

United States
Environmental Protection Agency
Region 8

FIGURE 5

Lead XRF Result Map

Site: Bauer Tailings Site Reassessment

TO/TD: 2083-2112-03

City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 3/1/2022
Analyst: SRD

File: \\10.11.28.15\Projects\BauerTailings\GIS\ArcPro\BauerTailings\BauerTailings.aprx

ENCLOSURE 2

XRF SCREENING RESULTS AND FIXED LABORATORY ANALYTICAL RESULTS

(Seven pages)

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
UDEQ Hotspot Samples		
BT-HSS-001	**3,242**	**13,877**
BT-HSS-002	**841**	**12,201**
BT-HSS-003	**722**	**15,422**
BT-HSS-004	**868**	**8,677**
BT-HSS-005	**1,869**	**20,845**
BT-HSS-006	**6,322**	**3,550**
BT-HSS-007	**2,621**	**5,286**
BT-HSS-008	291	**2,371**
BT-HSS-009	**1,257**	**7,523**
BT-HSS-010	**2,485**	**3,692**
BT-HSS-011	**4,141**	**8,693**
BT-HSS-012	**897**	**4,404**
BT-HSS-013	**2,142**	**17,809**
BT-HSS-014	**3,407**	**6,731**
BT-HSS-015	**2,654**	**8,360**
BT-HSS-016	**3,048**	**3,565**
BT-HSS-017	**3,032**	**3,847**
Phase 1 Grid Samples		
BT-GS-A11	**352**	**1,067**
BT-GS-A12	**377**	**1,091**
BT-GS-A13	**599**	**2,520**
BT-GS-A14	**1,108**	**5,033**
BT-GS-A15	**1,059**	**8,003**
BT-GS-A16	**1,938**	**7,337**
BT-GS-A17	**1,752**	**6,681**
BT-GS-A18	**2,581**	**7,877**
BT-GS-A19	**1,934**	**6,323**
BT-GS-A20	**2,138**	**6,519**
BT-GS-A21	**2,137**	**6,151**
BT-GS-B11	**820**	**2,411**
BT-GS-B12	**1,494**	**4,724**
BT-GS-B13	**946**	**4,880**
BT-GS-B14	**2,627**	**5,486**
BT-GS-B15	**2,913**	**7,182**
BT-GS-B16	**2,808**	**7,143**

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
BT-GS-B17	**2,753**	**8,867**
BT-GS-B18	**2,370**	**7,133**
BT-GS-B19	**1,934**	**5,915**
BT-GS-B20	**2,232**	**5,861**
BT-GS-B21	**2,076**	**6,244**
BT-GS-C01	192	609
BT-GS-C02	113	411
BT-GS-C03	**339**	**1,850**
BT-GS-C04	**856**	**4,181**
BT-GS-C05	**454**	**1,553**
BT-GS-C06	**2,517**	**9,389**
BT-GS-C07	**2,450**	**8,230**
BT-GS-C08	**2,155**	**7,002**
BT-GS-C09	**2,091**	**6,157**
BT-GS-C10	**2,419**	**5,663**
BT-GS-C11	**1,931**	**4,350**
BT-GS-C14	**2,677**	**5,073**
BT-GS-C15	**3,149**	**7,474**
BT-GS-C16	**2,402**	**5,466**
BT-GS-C17	**1,946**	**4,613**
BT-GS-C18	**2,321**	**6,712**
BT-GS-C19	**1,838**	**5,836**
BT-GS-C20	**2,474**	**6,207**
BT-GS-C21	**1,681**	**4,899**
BT-GS-D01	**331**	**859**
BT-GS-D02	**856**	**3,132**
BT-GS-D03	**1,832**	**12,825**
BT-GS-D06	**2,280**	**9,064**
BT-GS-D07	**2,766**	**7,829**
BT-GS-D08	**2,562**	**7,055**
BT-GS-D09	**2,393**	**6,161**
BT-GS-D10	**2,438**	**5,748**
BT-GS-D11	**2,054**	**4,887**
BT-GS-D12	**2,805**	**5,876**
BT-GS-D13	**2,107**	**5,284**
BT-GS-D14	**2,258**	**4,943**

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
BT-GS-D15	**1,760**	**5,328**
BT-GS-D16	**1,601**	**4,118**
BT-GS-D17	**1,462**	**3,662**
BT-GS-D18	**2,044**	**4,458**
BT-GS-D19	**2,481**	**5,953**
BT-GS-D20	**2,153**	**5,025**
BT-GS-D21	**2,063**	**4,176**
BT-GS-E01	**496**	**1,366**
BT-GS-E02	**814**	**2,507**
BT-GS-E06	**2,360**	**5,474**
BT-GS-E07	**2,579**	**6,978**
BT-GS-E08	**2,484**	**6,878**
BT-GS-E09	**2,632**	**6,692**
BT-GS-E10	**2,265**	**5,475**
BT-GS-E11	**1,537**	**4,055**
BT-GS-E12	**2,129**	**5,138**
BT-GS-E13	**1,534**	**3,814**
BT-GS-E14	**1,315**	**3,238**
BT-GS-E15	**1,038**	**2,522**
BT-GS-E16	**957**	**2,501**
BT-GS-E17	**1,243**	**2,490**
BT-GS-E18	**1,199**	**2,675**
BT-GS-E19	**1,837**	**3,564**
BT-GS-E20	**1,874**	**3,938**
BT-GS-E21	**1,090**	**2,248**
BT-GS-F01	**1,805**	**6,076**
BT-GS-F02	**3,004**	**9,561**
BT-GS-F08	**3,022**	**8,639**
BT-GS-F09	**3,670**	**7,608**
BT-GS-F10	**2,299**	**5,881**
BT-GS-F11	**1,863**	**4,415**
BT-GS-F12	**1,687**	**4,146**
BT-GS-F13	**1,220**	**3,161**
BT-GS-F14	**1,054**	**2,806**
BT-GS-F15	**823**	**2,036**
BT-GS-F16	**1,272**	**2,760**

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
BT-GS-F17	**1,054**	**2,167**
BT-GS-F18	**973**	**1,627**
BT-GS-F19	**1,335**	**2,508**
BT-GS-F20	**1,189**	**2,302**
BT-GS-F21	**656**	**1,194**
BT-GS-G01	**2,035**	**7,438**
BT-GS-G02	**1,882**	**11,258**
BT-GS-G08	**1,747**	**5,331**
BT-GS-G09	**2,289**	**5,996**
BT-GS-G10	**1,964**	**4,281**
BT-GS-G11	**1,942**	**4,259**
BT-GS-G12	**1,695**	**3,632**
BT-GS-G13	**1,647**	**3,291**
BT-GS-G14	**1,718**	**2,868**
BT-GS-G15	**1,241**	**2,173**
BT-GS-G16	**1,587**	**2,366**
BT-GS-G17	**1,092**	**1,732**
BT-GS-G18	**921**	**1,555**
BT-GS-G19	**1,021**	**1,855**
BT-GS-G20	**927**	**1,683**
BT-GS-G21	**644**	**1,235**
BT-GS-H01	**461**	**949**
BT-GS-H02	**1,745**	**1,492**
BT-GS-H03	**1,579**	**4,214**
BT-GS-H08	**2,838**	**7,011**
BT-GS-H09	**2,628**	**5,869**
BT-GS-H10	**2,664**	**4,963**
BT-GS-H11	**2,192**	**4,311**
BT-GS-H12	**1,198**	**2,157**
BT-GS-H20	**661**	**1,382**
BT-GS-H21	**513**	**938**
BT-GS-I01	199	469
BT-GS-I02	**1,336**	**5,922**
BT-GS-I03	**1,197**	**2,685**
BT-GS-I04	**505**	**1,401**
BT-GS-I08	**4,207**	**5,160**

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
BT-GS-I09	**2,909**	**4,770**
BT-GS-I10	**3,148**	**4,888**
BT-GS-I11	**2,608**	**4,097**
BT-GS-I12	**1,224**	**1,738**
BT-GS-J01	206	423
BT-GS-J02	203	617
BT-GS-J03	**1,137**	**5,496**
BT-GS-J04	**571**	**3,854**
BT-GS-J05	**1,864**	**13,367**
BT-GS-J06	**2,203**	**20,163**
BT-GS-J07	**3,105**	**7,628**
BT-GS-J08	**1,164**	**2,158**
BT-GS-J09	**2,536**	**5,695**
BT-GS-J10	**2,962**	**3,359**
BT-GS-J11	**1,886**	**2,931**
BT-GS-J12	**2,268**	**3,649**
BT-GS-K01	104	323
BT-GS-K02	**476**	**3,810**
BT-GS-K03	**423**	**3,476**
BT-GS-K04	**1,431**	**5,720**
BT-GS-K05	**466**	**3,691**
BT-GS-K06	**2,998**	**26,644**
BT-GS-K07	**2,730**	**6,240**
BT-GS-K08	**1,524**	**2,667**
BT-GS-K09	**1,900**	**4,896**
BT-GS-L02	25	91
BT-GS-L03	258	**2,171**
BT-GS-L04	**921**	**7,070**
BT-GS-L05	**965**	**5,312**
BT-GS-L06	**4,277**	**6,338**
BT-GS-L07	**337**	**1,581**
BT-GS-L08	**765**	**2,864**
BT-GS-L09	**578**	**1,861**
BT-GS-M03	27	108
BT-GS-M04	**1,037**	**2,046**
BT-GS-M05	9	16

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
BT-GS-M06	7	25
BT-GS-M07	80	315
BT-GS-M08	204	**890**
BT-GS-M09	177	518
BT-GS-M10	56	178
BT-GS-N03	14	40
BT-GS-N04	12	50
BT-GS-N09	62	123
BT-GS-N10	**313**	**1,729**

Notes:

Bolded results indicate concentrations above the EPA industrial soil RML of 300 ppm for As and 800 ppm for lead

BT Bauer Tailings

EPA United States Environmental Protection Agency

HSS Hot Spot Samples

GS Grid Sample

ID Identification

ppm Parts per million

RML Removal Management Level

UDEQ Utah Department of Environmental Quality

XRF X-ray Fluorescence

Table 2 - Validated Grid Fixed Labratory Results Summary

Target Analyte List (TAL) Metals	EPA Industrial RML	Sample Concentration by Location																			
		BT-GS-C06	BT-GS-C06-DUP	BT-GS-B19	BT-GS-B19-DUP	BT-GS-C01	BT-GS-C08	BT-GS-D06	BT-GS-E07	BT-GS-F13	BT-GS-F18	BT-GS-F20	BT-GS-G02	BT-GS-H03	BT-GS-I08	BT-GS-J06	BT-GS-J09	BT-GS-K06	BT-GS-L04	BT-GS-N04
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Aluminum	3,400,000	5,100	5,000	2,400	1,700	7,200	3,300	6,900	2,500	3,300	2,700	5,100	2,300	3,800	940	1,600	2,200	1,600	3,900	3,600
Antimony	1,400	14	16	16	14	0.77	14	14	14	11	2.5	4.1	9.4	17	33	30	18	49	14	0.2
Arsenic	300	**2,400**	**2,800**	**2,700**	**2,000**	86	**2,500**	**2,700**	**2,800**	**1,800**	**690**	**1,100**	**1,800**	**1,700**	**4,600**	**2,800**	**2,600**	**2,100**	**830**	8.2
Barium	650,000	69	68	65 J	29 J	120	52	99	58	59	40	110	82	88	61	49	38	16	87	81
Beryllium	6,900	0.81	0.8	0.29	0.31	0.52	0.46	1	0.92	0.45	0.27	0.48	0.26	0.32	0.069	0.14	0.93	0.17	0.38	0.3
Cadmium	2,900	74	82	21 J	55 J	4.5	64	93	63	52	14	22	6.3	20	3.3	18	68	31	52	0.42
Calcium	--	42,000	43,000	20,000 J	42,000 J	4,100	45,000	48,000	54,000	32,000	21,000	22,000	17,000	30,000	56,000	31,000	57,000	17,000	42,000	49,000
Chromium	--	16	17	9.9	6.9	11	11	22	14	10	6	9	8	8.3	11	14	8.8	14	20	10
Cobalt	1,000	5.3	5.3	3.2	2.9	4.8	4.8	6.9	3.6	5.5	3.1	4.1	3.6	3.5	0.54 J	1.3	3.5	2.7	8	2.7
Copper	140,000	420	440	290	210	35	300	510	280	320	190	120	200	200	140	1,000	270	1,100	420	17
Iron	2,500,000	67,000	73,000	70,000	46,000	11,000	57,000	85,000	68,000	59,000	25,000	33,000	56,000	35,000	67,000	58,000	56,000	62,000	60,000	5,700
Lead	800	**11,000**	**11,000**	**5,400**	**5,100**	340	**6,600**	**13,000**	**7,600**	**3,700**	**1,200**	**1,900**	**13,000**	**5,300**	**5,200**	**29,000**	**7,000**	**24,000**	**13,000**	34
Magnesium	--	12,000	13,000	2,800 J	13,000 J	4,100	13,000	17,000	7,700	10,000	4,300	7,200	1,500	4,800	760	1,100	16,000	1,200	4,300	5,400
Manganese	77,000	7,400	8,100	1,800	3,500	490	6,100	9,100	5,800	6,200	3,100	2,500	360	790	820	190	4,700	540	1,100	190
Mercury	140	0.33	0.27	0.27	0.32	0.046	0.41	0.36	0.34	0.21	0.13	0.11	0.19	0.2	0.33	1.8	0.32	2	0.36	0.035
Nickel	67,000	20	21	8.1	12	12	17	22	12	12	6.6	10	10	9.2	2.9	5.5	15	10	22	7.9
Potassium	--	1,300	1,300	1,600 J	420 J	2,700	810	1,200	820	750	950	2,600	2,100	1,600	970	1,500	510	900	1,100	1,400
Selenium	18,000	6.5	7.3	3.4	5.6	0.95 J	5.6	6.9	4.3	2.9	1.3	1.9	2.8	2.2	5.9	5.4	6.8	4.5	2.5	0.59 J
Silver	18,000	45	47	33	36	1.4	36	59	39	35	13	13	36	22	35	83	43	72	27	0.15
Sodium	--	210	200	500 J	56 J	81 J	85 J	230	220	73 J	220	210	600	200	230	1,300	71 J	820	270	98 J
Thallium	35	19	21	7.8 J	19 J	0.94	17	19	16	12	2.6	4.7	8.7	6.1	9	4.5	23	2.4	2.7	0.23
Vanadium	17,000	23	24	8.1	12	12	16	24	13	13	7.4	9.6	9.3	11	15	7.7	16	8.4	16	9.2
Zinc	1,100,000	8,200	9,100	3,000 J	6,900 J	300	8,300	9,900	7,000	6,200	2,000	2,600	1,200	2,400	1,100	5,500	8,500	5,000	7,400	51

Notes:
Bolded results indicate concentrations above the EPA industrial soil RML (TR=1E-04, HQ=3)
BT Bauer Tailings
DUP Field duplicate sample
EPA United States Environmental Protection Agency
GS Grid Sample
J Concentration is estimated
mg/kg Milligrams per kilogram
RML Removal Management Level

ENCLOSURE 3

LABORATORY ANALYTICAL PACKAGE AND DATA VALIDATION REPORT

(258 Pages)

Saturday, February 26, 2022

Kathleen Knox
Tetra Tech
1560 Broadway
Denver, CO 80202

Re: ALS Workorder: 2202184
Project Name: Bauer Tailings Reassessment
Project Number: 103X903520F0071211202

Dear Ms. Knox:

Nineteen soil samples were received from Tetra Tech, on 2/10/2022. The samples were scheduled for the following analysis:

Metals	pages 1-237

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
PJ-LA (DoD ELAP/ISO 170250)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202184
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Reassessment
Client Project Number: 103X903520F0071211202
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-GS-N04	2202184-1		SOIL	26-Jan-22	10:01
BT-GS-C01	2202184-2		SOIL	26-Jan-22	11:38
BT-GS-F18	2202184-3		SOIL	25-Jan-22	10:56
BT-GS-F20	2202184-4		SOIL	25-Jan-22	10:02
BT-GS-F13	2202184-5		SOIL	25-Jan-22	15:47
BT-GS-H03	2202184-6		SOIL	26-Jan-22	14:59
BT-GS-I08	2202184-7		SOIL	26-Jan-22	16:17
BT-GS-J09	2202184-8		SOIL	27-Jan-22	15:06
BT-GS-B19	2202184-9		SOIL	26-Jan-22	11:41
BT-GS-B19-DUP	2202184-10		SOIL	26-Jan-22	11:41
BT-GS-E07	2202184-11		SOIL	26-Jan-22	14:36
BT-GS-C08	2202184-12		SOIL	26-Jan-22	15:04
BT-GS-CO6	2202184-13		SOIL	26-Jan-22	13:50
BT-GS-C06-DUP	2202184-14		SOIL	26-Jan-22	11:41
BT-GS-G02	2202184-15		SOIL	27-Jan-22	9:51
BT-GS-J06	2202184-16		SOIL	26-Jan-22	14:17
BT-G2-D06	2202184-17		SOIL	27-Jan-22	10:51
BT-GS-K06	2202184-18		SOIL	26-Jan-22	13:51
BT-GS-L04	2202184-19		SOIL	26-Jan-22	14:00

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER # 2202184

PAGE of

DISPOSAL By Lab or Return to Client

PROJECT NAME	Bauer Tailings Reassessment	SAMPLER	
PROJECT No.	103X903520F0071211202	SITE ID	
		EDD FORMAT	Scribe EDD
COMPANY NAME	TetraTech	PURCHASE ORDER	
SEND REPORT TO	kathleen.knox@tetratech.com	BILL TO COMPANY	Tetra Tech
ADDRESS	1560 Broad Way	INVOICE ATTN TO	Kathleen Knox
CITY / STATE / ZIP	Denver, CO, 80202	ADDRESS	1560 Broadway
PHONE	8158618579	CITY / STATE / ZIP	Denver, CO, 80202
FAX		PHONE	8158618579
E-MAIL		FAX	
		E-MAIL	

DATE

TURNAROUND

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	Total Met
1	BT-GS-N04	S	1/26/2022	1001	2			X
2	BT-GS-C01	S	1/26/2022	1138	2			X
3	BT-GS-F18	S	1/25/2022	1056	2			X
4	BT-GS-F20	S	1/25/2022	1002	2			X
5	BT-GS-F13	S	1/25/2022	1547	2			X
6	BT-GS-H03	S	1/26/2022	1459	2			X
7	BT-GS-I08	S	1/26/2022	1617	2			X
8	BT-GS-J09	S	1/27/2022	1506	2			X
9	BT-GS-B19	S	1/26/2022	1141	2			X
10	BT-GS-B19-DUP	S	1/26/2022	1141	2			X
11	BT-GS-E07	S	1/26/2022	1436	2			X
12	BT-GS-C08	S	1/26/2022	1504	2			X
13	BT-GS-C06	S	1/26/2022	1350	2			X
14	BT-GS-C06-DUP	S	1/26/2022	1350	2			X
15	BT-GS-G02	S	1/27/2022	951	2			X
16	BT-GS-J06	S	1/26/2022	1417	2			X
17	BT-GS-D06	S	1/27/2022	1051	2			X
18	BT-GS-K06	S	1/26/2022	1351	2			X
19	BT-GS-L04	S	1/26/2022	1400	2			X

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)
4.6°	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Edvin Aleksanda	2/10/22	1600
RECEIVED BY		Claire Tennes	2/10/22	1608
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

Metals

Case Narrative

Tetra Tech

Bauer Tailings Reassessment -- 103X903520F0071211202

Work Order Number: 2202184

1. This report consists of 19 soil samples.

2. The samples were received cool and intact by ALS on 02/10/22.

4. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by ICP-MS, the samples were digested following method 3050B and SOP 806 Rev. 15.

   For analysis by Cold Vapor AA (CVAA), the samples were digested following method 7471B and the current revision of SOP 812.

5. Analysis by ICP-MS followed method 6020B and the current revision of SOP 827.

   Analysis by CVAA followed method 7471B and the current revision of SOP 812.

6. All standards and solutions are NIST traceable and were used within their recommended shelf life.

7. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

8. General quality control procedures.

   - A preparation (method) blank, laboratory control sample and laboratory control sample duplicate were digested and analyzed with the samples in each digestion batch.
   - The preparation (method) blank associated with each digestion batch was below the reporting limit for the requested analytes.

- All laboratory control sample criteria were met.
- All initial and continuing calibration blanks were below the reporting limit for the requested analytes with the exception of CCB8, CCB9 and CCB10 for lead on 02/22/22. The samples bracketed by these CCBs contained more than ten times the concentration of lead that were detected in the CCB, so no further action was taken.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes with the exception of CCV9 and CCV10 for lead on 02/22/22. The samples bracketed by these CCVs were re-analyzed with acceptable CCVs.
- The interference check samples associated with Method 6020B were analyzed.

9. Matrix specific quality control procedures.

   A laboratory control sample duplicate (LCSD) was performed in place of matrix QC for each analysis.

10. It is a standard practice that samples for ICP-MS are analyzed at a dilution. All samples except 2202184-1 and -2 were further diluted in order to bring arsenic, iron, lead and/or manganese into the analytical range of the instrument.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Jill Lattelle
Inorganics Final Data Reviewer

2/23/22
Date

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A "J" is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a "U" is entered. For samples, negative values are reported as non-detects ("U" flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is "J" flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.

Chain of Custody

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202184
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Reassessment
Client Project Number: 103X903520F0071211202
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-GS-N04	2202184-1		SOIL	26-Jan-22	10:01
BT-GS-C01	2202184-2		SOIL	26-Jan-22	11:38
BT-GS-F18	2202184-3		SOIL	25-Jan-22	10:56
BT-GS-F20	2202184-4		SOIL	25-Jan-22	10:02
BT-GS-F13	2202184-5		SOIL	25-Jan-22	15:47
BT-GS-H03	2202184-6		SOIL	26-Jan-22	14:59
BT-GS-I08	2202184-7		SOIL	26-Jan-22	16:17
BT-GS-J09	2202184-8		SOIL	27-Jan-22	15:06
BT-GS-B19	2202184-9		SOIL	26-Jan-22	11:41
BT-GS-B19-DUP	2202184-10		SOIL	26-Jan-22	11:41
BT-GS-E07	2202184-11		SOIL	26-Jan-22	14:36
BT-GS-C08	2202184-12		SOIL	26-Jan-22	15:04
BT-GS-CO6	2202184-13		SOIL	26-Jan-22	13:50
BT-GS-C06-DUP	2202184-14		SOIL	26-Jan-22	11:41
BT-GS-G02	2202184-15		SOIL	27-Jan-22	9:51
BT-GS-J06	2202184-16		SOIL	26-Jan-22	14:17
BT-G2-D06	2202184-17		SOIL	27-Jan-22	10:51
BT-GS-K06	2202184-18		SOIL	26-Jan-22	13:51
BT-GS-L04	2202184-19		SOIL	26-Jan-22	14:00

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER # 2202184

PAGE of

DISPOSAL By Lab or Return to Client

PROJECT NAME	Bauer Tailings Reassessment	SAMPLER	
PROJECT No.	103X903520F0071211202	SITE ID	
		EDD FORMAT	Scribe EDD
COMPANY NAME	TetraTech	PURCHASE ORDER	
SEND REPORT TO	kathleen.knox@tetratech.com	BILL TO COMPANY	Tetra Tech
ADDRESS	1560 Broad Way	INVOICE ATTN TO	Kathleen Knox
CITY / STATE / ZIP	Denver, CO, 80202	ADDRESS	1560 Broadway
PHONE	8158618579	CITY / STATE / ZIP	Denver, CO, 80202
FAX		PHONE	8158618579
E-MAIL		FAX	
		E-MAIL	

DATE

TURNAROUND

Total Met

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	
1	BT-GS-N04	S	1/26/2022	1001	2			X
2	BT-GS-C01	S	1/26/2022	1138	2			X
3	BT-GS-F18	S	1/25/2022	1056	2			X
4	BT-GS-F20	S	1/25/2022	1002	2			X
5	BT-GS-F13	S	1/25/2022	1547	2			X
6	BT-GS-H03	S	1/26/2022	1459	2			X
7	BT-GS-I08	S	1/26/2022	1617	2			X
8	BT-GS-J09	S	1/27/2022	1506	2			X
9	BT-GS-B19	S	1/26/2022	1141	2			X
10	BT-GS-B19-DUP	S	1/26/2022	1141	2			X
11	BT-GS-E07	S	1/26/2022	1436	2			X
12	BT-GS-C08	S	1/26/2022	1504	2			X
13	BT-GS-C06	S	1/26/2022	1350	2			X
14	BT-GS-C06-DUP	S	1/26/2022	1350	2			X
15	BT-GS-G02	S	1/27/2022	951	2			X
16	BT-GS-J06	S	1/26/2022	1417	2			X
17	BT-GS-D06	S	1/27/2022	1051	2			X
18	BT-GS-K06	S	1/26/2022	1351	2			X
19	BT-GS-L04	S	1/26/2022	1400	2			X

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)
4.6°	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Edvin Aleksanda	2/10/22	1600
RECEIVED BY		Claire Tennes	2/10/22	1608
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

Sample Results

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-N04
Lab ID: 2202184-1

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 7.2
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 041SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3600		16	7
7440-36-0	ANTIMONY	10	0.2		0.11	0.019
7440-38-2	ARSENIC	10	8.2		0.21	0.053
7440-39-3	BARIUM	10	81		0.54	0.25
7440-41-7	BERYLLIUM	10	0.3		0.054	0.0054
7440-43-9	CADMIUM	10	0.42		0.21	0.024
7440-70-2	CALCIUM	10	49000		110	18
7440-47-3	CHROMIUM	10	10		1.1	0.59
7440-48-4	COBALT	10	2.7		0.54	0.034
7440-50-8	COPPER	10	17		2.1	0.31
7439-89-6	IRON	10	5700		21	12
7439-92-1	LEAD	10	34		0.21	0.071
7439-95-4	MAGNESIUM	10	5400		11	3.5
7439-96-5	MANGANESE	10	190		0.8	0.41
7440-02-0	NICKEL	10	7.9		2.1	0.47
7440-09-7	POTASSIUM	10	1400		110	16
7782-49-2	SELENIUM	10	0.59	J	1.1	0.21
7440-22-4	SILVER	10	0.15		0.054	0.0089
7440-23-5	SODIUM	10	98	J	110	16
7440-28-0	THALLIUM	10	0.23		0.011	0.0027
7440-62-2	VANADIUM	10	9.2		0.54	0.14
7440-66-6	ZINC	10	51		11	4.4

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-C01
Lab ID: 2202184-2

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 18.9
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 043SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.007 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7200		18	8
7440-36-0	ANTIMONY	10	0.77		0.12	0.022
7440-38-2	ARSENIC	10	86		0.24	0.06
7440-39-3	BARIUM	10	120		0.61	0.28
7440-41-7	BERYLLIUM	10	0.52		0.061	0.0061
7440-43-9	CADMIUM	10	4.5		0.24	0.027
7440-70-2	CALCIUM	10	4100		120	21
7440-47-3	CHROMIUM	10	11		1.2	0.67
7440-48-4	COBALT	10	4.8		0.61	0.039
7440-50-8	COPPER	10	35		2.4	0.36
7439-89-6	IRON	10	11000		24	13
7439-92-1	LEAD	10	340		0.24	0.081
7439-95-4	MAGNESIUM	10	4100		12	4
7439-96-5	MANGANESE	10	490		0.92	0.47
7440-02-0	NICKEL	10	12		2.4	0.54
7440-09-7	POTASSIUM	10	2700		120	18
7782-49-2	SELENIUM	10	0.95	J	1.2	0.24
7440-22-4	SILVER	10	1.4		0.061	0.01
7440-23-5	SODIUM	10	81	J	120	18
7440-28-0	THALLIUM	10	0.94		0.012	0.0031
7440-62-2	VANADIUM	10	12		0.61	0.16
7440-66-6	ZINC	10	300		12	5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-F18
Lab ID: 2202184-3

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 11.1
Date Collected: 25-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 046SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	2700		17	7.3
7440-36-0	ANTIMONY	10	2.5		0.11	0.02
7440-38-2	ARSENIC	10	690		0.22	0.055
7440-39-3	BARIUM	10	40		0.56	0.26
7440-41-7	BERYLLIUM	10	0.27		0.056	0.0056
7440-43-9	CADMIUM	10	14		0.22	0.025
7440-70-2	CALCIUM	10	21000		110	19
7440-47-3	CHROMIUM	10	6		1.1	0.62
7440-48-4	COBALT	10	3.1		0.56	0.036
7440-50-8	COPPER	10	190		2.2	0.33
7439-89-6	IRON	10	25000		22	12
7439-92-1	LEAD	100	1200		2.2	0.74
7439-95-4	MAGNESIUM	10	4300		11	3.7
7439-96-5	MANGANESE	100	3100		8.4	4.3
7440-02-0	NICKEL	10	6.6		2.2	0.49
7440-09-7	POTASSIUM	10	950		110	17
7782-49-2	SELENIUM	10	1.3		1.1	0.22
7440-22-4	SILVER	10	13		0.056	0.0093
7440-23-5	SODIUM	10	220		110	17
7440-28-0	THALLIUM	10	2.6		0.011	0.0028
7440-62-2	VANADIUM	10	7.4		0.56	0.15
7440-66-6	ZINC	10	2000		11	4.6

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-F20
Lab ID: 2202184-4

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 17.8
Date Collected: 25-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 050SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5100		18	7.9
7440-36-0	ANTIMONY	10	4.1		0.12	0.022
7440-38-2	ARSENIC	10	1100		0.24	0.059
7440-39-3	BARIUM	10	110		0.61	0.28
7440-41-7	BERYLLIUM	10	0.48		0.061	0.0061
7440-43-9	CADMIUM	10	22		0.24	0.027
7440-70-2	CALCIUM	10	22000		120	21
7440-47-3	CHROMIUM	10	9		1.2	0.67
7440-48-4	COBALT	10	4.1		0.61	0.039
7440-50-8	COPPER	10	120		2.4	0.35
7439-89-6	IRON	10	33000		24	13
7439-92-1	LEAD	100	1900		2.4	0.8
7439-95-4	MAGNESIUM	10	7200		12	4
7439-96-5	MANGANESE	100	2500		9.1	4.6
7440-02-0	NICKEL	10	10		2.4	0.53
7440-09-7	POTASSIUM	10	2600		120	18
7782-49-2	SELENIUM	10	1.9		1.2	0.24
7440-22-4	SILVER	10	13		0.061	0.01
7440-23-5	SODIUM	10	210		120	18
7440-28-0	THALLIUM	10	4.7		0.012	0.003
7440-62-2	VANADIUM	10	9.6		0.61	0.16
7440-66-6	ZINC	10	2600		12	5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-F13
Lab ID: 2202184-5

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 26.4
Date Collected: 25-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 052SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.014 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3300		20	8.7
7440-36-0	ANTIMONY	10	11		0.13	0.024
7440-38-2	ARSENIC	100	1800		2.7	0.66
7440-39-3	BARIUM	10	59		0.67	0.31
7440-41-7	BERYLLIUM	10	0.45		0.067	0.0067
7440-43-9	CADMIUM	10	52		0.27	0.029
7440-70-2	CALCIUM	10	32000		130	23
7440-47-3	CHROMIUM	10	10		1.3	0.74
7440-48-4	COBALT	10	5.5		0.67	0.043
7440-50-8	COPPER	10	320		2.7	0.39
7439-89-6	IRON	10	59000		27	15
7439-92-1	LEAD	100	3700		2.7	0.88
7439-95-4	MAGNESIUM	10	10000		13	4.4
7439-96-5	MANGANESE	100	6200		10	5.1
7440-02-0	NICKEL	10	12		2.7	0.59
7440-09-7	POTASSIUM	10	750		130	20
7782-49-2	SELENIUM	10	2.9		1.3	0.27
7440-22-4	SILVER	10	35		0.067	0.011
7440-23-5	SODIUM	10	73	J	130	20
7440-28-0	THALLIUM	10	12		0.013	0.0034
7440-62-2	VANADIUM	10	13		0.67	0.17
7440-66-6	ZINC	10	6200		13	5.5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-H03
Lab ID: 2202184-6

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 054SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3800		18	7.6
7440-36-0	ANTIMONY	10	17		0.12	0.021
7440-38-2	ARSENIC	100	1700		2.3	0.57
7440-39-3	BARIUM	10	88		0.59	0.27
7440-41-7	BERYLLIUM	10	0.32		0.059	0.0059
7440-43-9	CADMIUM	10	20		0.23	0.026
7440-70-2	CALCIUM	10	30000		120	20
7440-47-3	CHROMIUM	10	8.3		1.2	0.64
7440-48-4	COBALT	10	3.5		0.59	0.037
7440-50-8	COPPER	10	200		2.3	0.34
7439-89-6	IRON	10	35000		23	13
7439-92-1	LEAD	100	5300		2.3	0.77
7439-95-4	MAGNESIUM	10	4800		12	3.9
7439-96-5	MANGANESE	10	790		0.88	0.45
7440-02-0	NICKEL	10	9.2		2.3	0.52
7440-09-7	POTASSIUM	10	1600		120	18
7782-49-2	SELENIUM	10	2.2		1.2	0.23
7440-22-4	SILVER	10	22		0.059	0.0097
7440-23-5	SODIUM	10	200		120	18
7440-28-0	THALLIUM	10	6.1		0.012	0.0029
7440-62-2	VANADIUM	10	11		0.59	0.15
7440-66-6	ZINC	10	2400		12	4.8

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I08
Lab ID: 2202184-7

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 13.3
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 056SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.019 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	940		17	7.4
7440-36-0	ANTIMONY	10	33		0.11	0.02
7440-38-2	ARSENIC	100	4600		2.3	0.55
7440-39-3	BARIUM	10	61		0.57	0.26
7440-41-7	BERYLLIUM	10	0.069		0.057	0.0057
7440-43-9	CADMIUM	10	3.3		0.23	0.025
7440-70-2	CALCIUM	10	56000		110	19
7440-47-3	CHROMIUM	10	11		1.1	0.62
7440-48-4	COBALT	10	0.54	J	0.57	0.036
7440-50-8	COPPER	10	140		2.3	0.33
7439-89-6	IRON	100	67000		230	120
7439-92-1	LEAD	100	5200		2.3	0.75
7439-95-4	MAGNESIUM	10	760		11	3.7
7439-96-5	MANGANESE	10	820		0.85	0.43
7440-02-0	NICKEL	10	2.9		2.3	0.5
7440-09-7	POTASSIUM	10	970		110	17
7782-49-2	SELENIUM	10	5.9		1.1	0.23
7440-22-4	SILVER	10	35		0.057	0.0094
7440-23-5	SODIUM	10	230		110	17
7440-28-0	THALLIUM	10	9		0.011	0.0028
7440-62-2	VANADIUM	10	15		0.57	0.15
7440-66-6	ZINC	10	1100		11	4.6

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J09
Lab ID: 2202184-8

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 16.7
Date Collected: 27-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 058SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.01 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	2200		18	7.7
7440-36-0	ANTIMONY	10	18		0.12	0.021
7440-38-2	ARSENIC	100	2600		2.4	0.58
7440-39-3	BARIUM	10	38		0.59	0.27
7440-41-7	BERYLLIUM	10	0.93		0.059	0.0059
7440-43-9	CADMIUM	10	68		0.24	0.026
7440-70-2	CALCIUM	10	57000		120	20
7440-47-3	CHROMIUM	10	8.8		1.2	0.65
7440-48-4	COBALT	10	3.5		0.59	0.038
7440-50-8	COPPER	10	270		2.4	0.34
7439-89-6	IRON	10	56000		24	13
7439-92-1	LEAD	1000	7000		24	7.8
7439-95-4	MAGNESIUM	10	16000		12	3.9
7439-96-5	MANGANESE	100	4700		8.9	4.5
7440-02-0	NICKEL	10	15		2.4	0.52
7440-09-7	POTASSIUM	10	510		120	18
7782-49-2	SELENIUM	10	6.8		1.2	0.24
7440-22-4	SILVER	10	43		0.059	0.0099
7440-23-5	SODIUM	10	71	J	120	18
7440-28-0	THALLIUM	10	23		0.012	0.003
7440-62-2	VANADIUM	10	16		0.59	0.15
7440-66-6	ZINC	10	8500		12	4.9

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-B19
Lab ID: 2202184-9

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 8.7
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 062SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.001 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	2400		16	7.1
7440-36-0	ANTIMONY	10	16		0.11	0.02
7440-38-2	ARSENIC	100	2700		2.2	0.54
7440-39-3	BARIUM	10	65		0.55	0.25
7440-41-7	BERYLLIUM	10	0.29		0.055	0.0055
7440-43-9	CADMIUM	10	21		0.22	0.024
7440-70-2	CALCIUM	10	20000		110	19
7440-47-3	CHROMIUM	10	9.9		1.1	0.6
7440-48-4	COBALT	10	3.2		0.55	0.035
7440-50-8	COPPER	10	290		2.2	0.32
7439-89-6	IRON	100	70000		220	120
7439-92-1	LEAD	100	5400		2.2	0.72
7439-95-4	MAGNESIUM	10	2800		11	3.6
7439-96-5	MANGANESE	10	1800		0.82	0.42
7440-02-0	NICKEL	10	8.1		2.2	0.48
7440-09-7	POTASSIUM	10	1600		110	16
7782-49-2	SELENIUM	10	3.4		1.1	0.22
7440-22-4	SILVER	10	33		0.055	0.0091
7440-23-5	SODIUM	10	500		110	16
7440-28-0	THALLIUM	10	7.8		0.011	0.0027
7440-62-2	VANADIUM	10	8.1		0.55	0.14
7440-66-6	ZINC	10	3000		11	4.5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-B19-DUP
Lab ID: 2202184-10

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 9.3
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 064SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	1700		16	7.1
7440-36-0	ANTIMONY	10	14		0.11	0.02
7440-38-2	ARSENIC	100	2000		2.2	0.54
7440-39-3	BARIUM	10	29		0.55	0.25
7440-41-7	BERYLLIUM	10	0.31		0.055	0.0055
7440-43-9	CADMIUM	10	55		0.22	0.024
7440-70-2	CALCIUM	10	42000		110	19
7440-47-3	CHROMIUM	10	6.9		1.1	0.6
7440-48-4	COBALT	10	2.9		0.55	0.035
7440-50-8	COPPER	10	210		2.2	0.32
7439-89-6	IRON	10	46000		22	12
7439-92-1	LEAD	100	5100		2.2	0.72
7439-95-4	MAGNESIUM	10	13000		11	3.6
7439-96-5	MANGANESE	100	3500		8.2	4.2
7440-02-0	NICKEL	10	12		2.2	0.48
7440-09-7	POTASSIUM	10	420		110	16
7782-49-2	SELENIUM	10	5.6		1.1	0.22
7440-22-4	SILVER	10	36		0.055	0.0091
7440-23-5	SODIUM	10	56	J	110	16
7440-28-0	THALLIUM	10	19		0.011	0.0027
7440-62-2	VANADIUM	10	12		0.55	0.14
7440-66-6	ZINC	10	6900		11	4.5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-E07
Lab ID: 2202184-11

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 13.8
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 066SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	2500		17	7.5
7440-36-0	ANTIMONY	10	14		0.12	0.021
7440-38-2	ARSENIC	100	2800		2.3	0.56
7440-39-3	BARIUM	10	58		0.58	0.27
7440-41-7	BERYLLIUM	10	0.92		0.058	0.0058
7440-43-9	CADMIUM	10	63		0.23	0.025
7440-70-2	CALCIUM	10	54000		120	20
7440-47-3	CHROMIUM	10	14		1.2	0.63
7440-48-4	COBALT	10	3.6		0.58	0.037
7440-50-8	COPPER	10	280		2.3	0.33
7439-89-6	IRON	100	68000		230	130
7439-92-1	LEAD	1000	7600		23	7.6
7439-95-4	MAGNESIUM	10	7700		12	3.8
7439-96-5	MANGANESE	100	5800		8.6	4.4
7440-02-0	NICKEL	10	12		2.3	0.51
7440-09-7	POTASSIUM	10	820		120	17
7782-49-2	SELENIUM	10	4.3		1.2	0.23
7440-22-4	SILVER	10	39		0.058	0.0096
7440-23-5	SODIUM	10	220		120	17
7440-28-0	THALLIUM	10	16		0.012	0.0029
7440-62-2	VANADIUM	10	13		0.58	0.15
7440-66-6	ZINC	10	7000		12	4.7

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-C08
Lab ID: 2202184-12

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 12.2
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 068SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3300		17	7.3
7440-36-0	ANTIMONY	10	14		0.11	0.02
7440-38-2	ARSENIC	100	2500		2.3	0.55
7440-39-3	BARIUM	10	52		0.56	0.26
7440-41-7	BERYLLIUM	10	0.46		0.056	0.0056
7440-43-9	CADMIUM	10	64		0.23	0.025
7440-70-2	CALCIUM	10	45000		110	19
7440-47-3	CHROMIUM	10	11		1.1	0.62
7440-48-4	COBALT	10	4.8		0.56	0.036
7440-50-8	COPPER	10	300		2.3	0.33
7439-89-6	IRON	100	57000		230	120
7439-92-1	LEAD	1000	6600		23	7.4
7439-95-4	MAGNESIUM	10	13000		11	3.7
7439-96-5	MANGANESE	100	6100		8.4	4.3
7440-02-0	NICKEL	10	17		2.3	0.5
7440-09-7	POTASSIUM	10	810		110	17
7782-49-2	SELENIUM	10	5.6		1.1	0.23
7440-22-4	SILVER	10	36		0.056	0.0093
7440-23-5	SODIUM	10	85	J	110	17
7440-28-0	THALLIUM	10	17		0.011	0.0028
7440-62-2	VANADIUM	10	16		0.56	0.15
7440-66-6	ZINC	10	8300		11	4.6

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-CO6
Lab ID: 2202184-13

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 17.5
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 070SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5100		18	7.8
7440-36-0	ANTIMONY	10	14		0.12	0.022
7440-38-2	ARSENIC	100	2400		2.4	0.59
7440-39-3	BARIUM	10	69		0.6	0.28
7440-41-7	BERYLLIUM	10	0.81		0.06	0.006
7440-43-9	CADMIUM	10	74		0.24	0.026
7440-70-2	CALCIUM	10	42000		120	20
7440-47-3	CHROMIUM	10	16		1.2	0.66
7440-48-4	COBALT	10	5.3		0.6	0.038
7440-50-8	COPPER	10	420		2.4	0.35
7439-89-6	IRON	100	67000		240	130
7439-92-1	LEAD	1000	11000		24	7.9
7439-95-4	MAGNESIUM	10	12000		12	3.9
7439-96-5	MANGANESE	100	7400		9	4.5
7440-02-0	NICKEL	10	20		2.4	0.53
7440-09-7	POTASSIUM	10	1300		120	18
7782-49-2	SELENIUM	10	6.5		1.2	0.24
7440-22-4	SILVER	10	45		0.06	0.0099
7440-23-5	SODIUM	10	210		120	18
7440-28-0	THALLIUM	10	19		0.012	0.003
7440-62-2	VANADIUM	10	23		0.6	0.16
7440-66-6	ZINC	10	8200		12	4.9

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-C06-DUP
Lab ID: 2202184-14

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 18.4
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 074SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.008 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5000		18	7.9
7440-36-0	ANTIMONY	10	16		0.12	0.022
7440-38-2	ARSENIC	100	2800		2.4	0.6
7440-39-3	BARIUM	10	68		0.61	0.28
7440-41-7	BERYLLIUM	10	0.8		0.061	0.0061
7440-43-9	CADMIUM	10	82		0.24	0.027
7440-70-2	CALCIUM	10	43000		120	21
7440-47-3	CHROMIUM	10	17		1.2	0.67
7440-48-4	COBALT	10	5.3		0.61	0.039
7440-50-8	COPPER	10	440		2.4	0.35
7439-89-6	IRON	100	73000		240	130
7439-92-1	LEAD	1000	11000		24	8
7439-95-4	MAGNESIUM	10	13000		12	4
7439-96-5	MANGANESE	100	8100		9.1	4.6
7440-02-0	NICKEL	10	21		2.4	0.53
7440-09-7	POTASSIUM	10	1300		120	18
7782-49-2	SELENIUM	10	7.3		1.2	0.24
7440-22-4	SILVER	10	47		0.061	0.01
7440-23-5	SODIUM	10	200		120	18
7440-28-0	THALLIUM	10	21		0.012	0.003
7440-62-2	VANADIUM	10	24		0.61	0.16
7440-66-6	ZINC	10	9100		12	5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-G02
Lab ID: 2202184-15

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 13.9
Date Collected: 27-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 076SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	2300		17	7.5
7440-36-0	ANTIMONY	10	9.4		0.12	0.021
7440-38-2	ARSENIC	100	1800		2.3	0.57
7440-39-3	BARIUM	10	82		0.58	0.27
7440-41-7	BERYLLIUM	10	0.26		0.058	0.0058
7440-43-9	CADMIUM	10	6.3		0.23	0.025
7440-70-2	CALCIUM	10	17000		120	20
7440-47-3	CHROMIUM	10	8		1.2	0.64
7440-48-4	COBALT	10	3.6		0.58	0.037
7440-50-8	COPPER	10	200		2.3	0.34
7439-89-6	IRON	10	56000		23	13
7439-92-1	LEAD	1000	13000		23	7.6
7439-95-4	MAGNESIUM	10	1500		12	3.8
7439-96-5	MANGANESE	10	360		0.87	0.44
7440-02-0	NICKEL	10	10		2.3	0.51
7440-09-7	POTASSIUM	10	2100		120	17
7782-49-2	SELENIUM	10	2.8		1.2	0.23
7440-22-4	SILVER	10	36		0.058	0.0096
7440-23-5	SODIUM	10	600		120	17
7440-28-0	THALLIUM	10	8.7		0.012	0.0029
7440-62-2	VANADIUM	10	9.3		0.58	0.15
7440-66-6	ZINC	10	1200		12	4.7

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J06
Lab ID: 2202184-16

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 16.0
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 078SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	1600		18	7.7
7440-36-0	ANTIMONY	10	30		0.12	0.021
7440-38-2	ARSENIC	100	2800		2.4	0.58
7440-39-3	BARIUM	10	49		0.59	0.27
7440-41-7	BERYLLIUM	10	0.14		0.059	0.0059
7440-43-9	CADMIUM	10	18		0.24	0.026
7440-70-2	CALCIUM	10	31000		120	20
7440-47-3	CHROMIUM	10	14		1.2	0.65
7440-48-4	COBALT	10	1.3		0.59	0.038
7440-50-8	COPPER	10	1000		2.4	0.34
7439-89-6	IRON	100	58000		240	130
7439-92-1	LEAD	1000	29000		24	7.8
7439-95-4	MAGNESIUM	10	1100		12	3.9
7439-96-5	MANGANESE	10	190		0.89	0.45
7440-02-0	NICKEL	10	5.5		2.4	0.52
7440-09-7	POTASSIUM	10	1500		120	18
7782-49-2	SELENIUM	10	5.4		1.2	0.24
7440-22-4	SILVER	10	83		0.059	0.0098
7440-23-5	SODIUM	10	1300		120	18
7440-28-0	THALLIUM	10	4.5		0.012	0.003
7440-62-2	VANADIUM	10	7.7		0.59	0.15
7440-66-6	ZINC	10	5500		12	4.9

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-G2-D06
Lab ID: 2202184-17

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 26.8
Date Collected: 27-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 080SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.018 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6900		20	8.7
7440-36-0	ANTIMONY	10	14		0.13	0.024
7440-38-2	ARSENIC	100	2700		2.7	0.66
7440-39-3	BARIUM	10	99		0.67	0.31
7440-41-7	BERYLLIUM	10	1		0.067	0.0067
7440-43-9	CADMIUM	10	93		0.27	0.03
7440-70-2	CALCIUM	10	48000		130	23
7440-47-3	CHROMIUM	10	22		1.3	0.74
7440-48-4	COBALT	10	6.9		0.67	0.043
7440-50-8	COPPER	10	510		2.7	0.39
7439-89-6	IRON	100	85000		270	150
7439-92-1	LEAD	1000	13000		27	8.9
7439-95-4	MAGNESIUM	10	17000		13	4.4
7439-96-5	MANGANESE	100	9100		10	5.1
7440-02-0	NICKEL	10	22		2.7	0.59
7440-09-7	POTASSIUM	10	1200		130	20
7782-49-2	SELENIUM	10	6.9		1.3	0.27
7440-22-4	SILVER	10	59		0.067	0.011
7440-23-5	SODIUM	10	230		130	20
7440-28-0	THALLIUM	10	19		0.013	0.0034
7440-62-2	VANADIUM	10	24		0.67	0.17
7440-66-6	ZINC	10	9900		13	5.5

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-K06
Lab ID: 2202184-18

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 3.8
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 082SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	1600		16	6.7
7440-36-0	ANTIMONY	10	49		0.1	0.019
7440-38-2	ARSENIC	100	2100		2.1	0.51
7440-39-3	BARIUM	10	16		0.52	0.24
7440-41-7	BERYLLIUM	10	0.17		0.052	0.0052
7440-43-9	CADMIUM	10	31		0.21	0.023
7440-70-2	CALCIUM	10	17000		100	18
7440-47-3	CHROMIUM	10	14		1	0.57
7440-48-4	COBALT	10	2.7		0.52	0.033
7440-50-8	COPPER	10	1100		2.1	0.3
7439-89-6	IRON	100	62000		210	110
7439-92-1	LEAD	1000	24000		21	6.8
7439-95-4	MAGNESIUM	10	1200		10	3.4
7439-96-5	MANGANESE	10	540		0.78	0.39
7440-02-0	NICKEL	10	10		2.1	0.46
7440-09-7	POTASSIUM	10	900		100	16
7782-49-2	SELENIUM	10	4.5		1	0.21
7440-22-4	SILVER	10	72		0.052	0.0086
7440-23-5	SODIUM	10	820		100	16
7440-28-0	THALLIUM	10	2.4		0.01	0.0026
7440-62-2	VANADIUM	10	8.4		0.52	0.13
7440-66-6	ZINC	10	5000		10	4.3

Data Package ID: *IM2202184-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-L04
Lab ID: 2202184-19

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 19.2
Date Collected: 26-Jan-22
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22
Prep Method: SW3050 Rev B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 085SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3900		18	7.9
7440-36-0	ANTIMONY	10	14		0.12	0.022
7440-38-2	ARSENIC	10	830		0.24	0.06
7440-39-3	BARIUM	10	87		0.61	0.28
7440-41-7	BERYLLIUM	10	0.38		0.061	0.0061
7440-43-9	CADMIUM	10	52		0.24	0.027
7440-70-2	CALCIUM	10	42000		120	21
7440-47-3	CHROMIUM	10	20		1.2	0.67
7440-48-4	COBALT	10	8		0.61	0.039
7440-50-8	COPPER	10	420		2.4	0.35
7439-89-6	IRON	10	60000		24	13
7439-92-1	LEAD	1000	13000		24	8
7439-95-4	MAGNESIUM	10	4300		12	4
7439-96-5	MANGANESE	10	1100		0.91	0.46
7440-02-0	NICKEL	10	22		2.4	0.54
7440-09-7	POTASSIUM	10	1100		120	18
7782-49-2	SELENIUM	10	2.5		1.2	0.24
7440-22-4	SILVER	10	27		0.061	0.01
7440-23-5	SODIUM	10	270		120	18
7440-28-0	THALLIUM	10	2.7		0.012	0.003
7440-62-2	VANADIUM	10	16		0.61	0.16
7440-66-6	ZINC	10	7400		12	5

Data Package ID: *IM2202184-1*

Total MERCURY

Method SW7471B

Sample Results

Lab Name: ALS -- Fort Collins
Client Name: Tetra Tech
Client Project ID: Bauer Tailings Reassessment 103X903520F0071211202
Work Order Number: 2202184 **Final Volume:** 100 ml
Reporting Basis: Dry Weight **Matrix:** SOIL
Analyst: James S. Dowdell **Result Units:** MG/KG

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
BT-GS-N04	2202184-1	1/26/2022	2/16/2022	02/16/2022	7.236	1	0.035	0.035	0.0044		0.616 g
BT-GS-C01	2202184-2	1/26/2022	2/16/2022	02/16/2022	18.89	1	0.046	0.04	0.005		0.618 g
BT-GS-F18	2202184-3	1/25/2022	2/16/2022	02/16/2022	11.11	1	0.13	0.034	0.0043		0.662 g
BT-GS-F20	2202184-4	1/25/2022	2/16/2022	02/16/2022	17.79	1	0.11	0.04	0.0051		0.604 g
BT-GS-F13	2202184-5	1/25/2022	2/16/2022	02/16/2022	26.41	1	0.21	0.042	0.0053		0.645 g
BT-GS-H03	2202184-6	1/26/2022	2/16/2022	02/16/2022	15.51	1	0.2	0.036	0.0046		0.655 g
BT-GS-I08	2202184-7	1/26/2022	2/16/2022	02/16/2022	13.28	1	0.33	0.038	0.0048		0.605 g
BT-GS-J09	2202184-8	1/27/2022	2/16/2022	02/16/2022	16.67	1	0.32	0.037	0.0047		0.644 g
BT-GS-B19	2202184-9	1/26/2022	2/16/2022	02/16/2022	8.742	1	0.27	0.036	0.0045		0.612 g
BT-GS-B19-DUP	2202184-10	1/26/2022	2/16/2022	02/16/2022	9.298	1	0.32	0.036	0.0045		0.62 g
BT-GS-E07	2202184-11	1/26/2022	2/16/2022	02/16/2022	13.76	1	0.34	0.036	0.0046		0.642 g
BT-GS-C08	2202184-12	1/26/2022	2/16/2022	02/16/2022	12.2	1	0.41	0.038	0.0048		0.604 g
BT-GS-CO6	2202184-13	1/26/2022	2/16/2022	02/16/2022	17.50	1	0.33	0.039	0.0049		0.625 g
BT-GS-C06-DUP	2202184-14	1/26/2022	2/16/2022	02/16/2022	18.39	1	0.27	0.039	0.005		0.622 g
BT-GS-G02	2202184-15	1/27/2022	2/16/2022	02/16/2022	13.92	1	0.19	0.036	0.0046		0.638 g
BT-GS-J06	2202184-16	1/26/2022	2/16/2022	02/16/2022	15.96	1	1.8	0.039	0.005		0.603 g
BT-G2-D06	2202184-17	1/27/2022	2/16/2022	02/16/2022	26.82	1	0.36	0.042	0.0052		0.657 g
BT-GS-K06	2202184-18	1/26/2022	2/16/2022	02/16/2022	3.845	2	2	0.062	0.0078		0.67 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *HG2202184-1*

Total MERCURY

Method SW7471B

Sample Results

Lab Name: ALS -- Fort Collins
Client Name: Tetra Tech
Client Project ID: Bauer Tailings Reassessment 103X903520F0071211202
Work Order Number: 2202184 **Final Volume:** 100 ml
Reporting Basis: Dry Weight **Matrix:** SOIL
Analyst: James S. Dowdell **Result Units:** MG/KG

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
BT-GS-L04	2202184-19	1/26/2022	2/16/2022	02/16/2022	19.19	1	0.36	0.038	0.0047		0.659 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *HG2202184-1*

Summary Report Forms

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IP220221-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 21-Feb-22
Date Analyzed: 22-Feb-22

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: N/A
File Name: 0386CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.018	U	0.1	0.018
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.005	U	0.05	0.005
7440-43-9	CADMIUM	10	0.022	U	0.2	0.022
7440-70-2	CALCIUM	10	17	U	100	17
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.032	U	0.5	0.032
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.2	U	1	0.2
7440-22-4	SILVER	10	0.0083	U	0.05	0.0083
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	0.0025	U	0.01	0.0025
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IM220221-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/21/2022
Date Analyzed: 02/22/2022
Prep Method: SW3050B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: N/A
File Name: 039_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	478	15		96	80 - 120%
7440-36-0	ANTIMONY	3	2.95	0.1		98	80 - 120%
7440-38-2	ARSENIC	10	10.1	0.2		101	80 - 120%
7440-39-3	BARIUM	10	9.59	0.5		96	80 - 120%
7440-41-7	BERYLLIUM	5	5.06	0.05		101	80 - 120%
7440-43-9	CADMIUM	3	3.06	0.2		102	80 - 120%
7440-70-2	CALCIUM	1000	1050	100		105	80 - 120%
7440-47-3	CHROMIUM	50	51.2	1		102	80 - 120%
7440-48-4	COBALT	10	10.4	0.5		104	80 - 120%
7440-50-8	COPPER	100	106	2		106	80 - 120%
7439-89-6	IRON	500	479	20		96	80 - 120%
7439-92-1	LEAD	5	4.98	0.2		100	80 - 120%
7439-95-4	MAGNESIUM	1000	981	10		98	80 - 120%
7439-96-5	MANGANESE	10	9.77	0.75		98	80 - 120%
7440-02-0	NICKEL	50	52.5	2		105	80 - 120%
7440-09-7	POTASSIUM	500	488	100		98	80 - 120%
7782-49-2	SELENIUM	10	10.2	1		102	80 - 120%
7440-22-4	SILVER	1	1.03	0.05		103	80 - 120%
7440-23-5	SODIUM	1000	979	100		98	80 - 120%
7440-28-0	THALLIUM	0.2	0.194	0.01		97	80 - 120%
7440-62-2	VANADIUM	10	9.49	0.5		95	80 - 120%
7440-66-6	ZINC	200	214	10		107	80 - 120%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IM220221-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/21/2022
Date Analyzed: 02/22/2022
Prep Method: SW3050B

Prep Batch: IP220221-1
QCBatchID: IP220221-1-1
Run ID: IM220222-10A5
Cleanup: NONE
Basis: N/A
File Name: 040_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	482	15		96	20	1
7440-36-0	ANTIMONY	3	2.97	0.1		99	20	1
7440-38-2	ARSENIC	10	10.2	0.2		102	20	0
7440-39-3	BARIUM	10	9.65	0.5		96	20	1
7440-41-7	BERYLLIUM	5	5	0.05		100	20	1
7440-43-9	CADMIUM	3	2.99	0.2		100	20	2
7440-70-2	CALCIUM	1000	1010	100		101	20	3
7440-47-3	CHROMIUM	50	51	1		102	20	0
7440-48-4	COBALT	10	10.3	0.5		103	20	1
7440-50-8	COPPER	100	105	2		105	20	1
7439-89-6	IRON	500	474	20		95	20	1
7439-92-1	LEAD	5	4.83	0.2		97	20	3
7439-95-4	MAGNESIUM	1000	982	10		98	20	0
7439-96-5	MANGANESE	10	9.64	0.75		96	20	1
7440-02-0	NICKEL	50	52.5	2		105	20	0
7440-09-7	POTASSIUM	500	494	100		99	20	1
7782-49-2	SELENIUM	10	10.3	1		103	20	1
7440-22-4	SILVER	1	1.04	0.05		104	20	1
7440-23-5	SODIUM	1000	978	100		98	20	0
7440-28-0	THALLIUM	0.2	0.192	0.01		96	20	1
7440-62-2	VANADIUM	10	9.5	0.5		95	20	0
7440-66-6	ZINC	200	210	10		105	20	2

Data Package ID: *IM2202184-1*

Prep Batch ID: IP220221-1

Start Date: 02/21/22
Start Time: 9:48
Prep Analyst: Erika T. Camire
End Date: 02/21/22
End Time: 18:00
Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: etc
Date Created: 02/21/22
Time Created: 9:49
Validated By: etc
Date Validated: 02/21/22
Time Validated: 15:14

Comments:

QC Batch ID: IP220221-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IM220221-1	RVS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2202184
IP220221-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2202184
IM220221-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2202184
IM220221-1	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2202184
2202184-1	SMP	BT-GS-N04	SOIL	1/26/2022	1.006	100	NONE	1	2202184
2202184-10	SMP	BT-GS-B19-DUP	SOIL	1/26/2022	1.006	100	NONE	1	2202184
2202184-11	SMP	BT-GS-E07	SOIL	1/26/2022	1.006	100	NONE	1	2202184
2202184-12	SMP	BT-GS-C08	SOIL	1/26/2022	1.011	100	NONE	1	2202184
2202184-13	SMP	BT-GS-CO6	SOIL	1/26/2022	1.013	100	NONE	1	2202184
2202184-14	SMP	BT-GS-C06-DUP	SOIL	1/26/2022	1.008	100	NONE	1	2202184
2202184-15	SMP	BT-GS-G02	SOIL	1/27/2022	1.003	100	NONE	1	2202184
2202184-16	SMP	BT-GS-J06	SOIL	1/26/2022	1.005	100	NONE	1	2202184
2202184-17	SMP	BT-G2-D06	SOIL	1/27/2022	1.018	100	NONE	1	2202184
2202184-18	SMP	BT-GS-K06	SOIL	1/26/2022	1.003	100	NONE	1	2202184
2202184-19	SMP	BT-GS-L04	SOIL	1/26/2022	1.016	100	NONE	1	2202184
2202184-2	SMP	BT-GS-C01	SOIL	1/26/2022	1.007	100	NONE	1	2202184
2202184-3	SMP	BT-GS-F18	SOIL	1/25/2022	1.001	100	NONE	1	2202184
2202184-4	SMP	BT-GS-F20	SOIL	1/25/2022	1.002	100	NONE	1	2202184
2202184-5	SMP	BT-GS-F13	SOIL	1/25/2022	1.014	100	NONE	1	2202184
2202184-6	SMP	BT-GS-H03	SOIL	1/26/2022	1.01	100	NONE	1	2202184
2202184-7	SMP	BT-GS-I08	SOIL	1/26/2022	1.019	100	NONE	1	2202184
2202184-8	SMP	BT-GS-J09	SOIL	1/27/2022	1.01	100	NONE	1	2202184
2202184-9	SMP	BT-GS-B19	SOIL	1/26/2022	1.001	100	NONE	1	2202184

Prep Batch ID: IP220221-1

Start Date: 02/21/22
Start Time: 9:48
Prep Analyst: Erika T. Camire

End Date: 02/21/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 02/21/22
Time Created: 9:49
Validated By: etc
Date Validated: 02/21/22
Time Validated: 15:14

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicat		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: ICV
QC Type: Initial Calibration

File Name: 003SMPL.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 12:09
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.04	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00602	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.02	0.0207	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.02	0.0192	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.0102	0.00005		102	90 - 110%
7440-43-9	CADMIUM	0.006	0.00596	0.0002		99	90 - 110%
7440-70-2	CALCIUM	10	10.3	0.1		103	90 - 110%
7440-47-3	CHROMIUM	0.1	0.103	0.001		103	90 - 110%
7440-48-4	COBALT	0.02	0.0207	0.0005		103	90 - 110%
7440-50-8	COPPER	0.2	0.210	0.002		105	90 - 110%
7439-89-6	IRON	1	0.964	0.01		96	90 - 110%
7439-92-1	LEAD	0.01	0.00962	0.0002		96	90 - 110%
7439-95-4	MAGNESIUM	2	1.94	0.01		97	90 - 110%
7439-96-5	MANGANESE	0.04	0.0378	0.001		94	90 - 110%
7440-02-0	NICKEL	0.1	0.0995	0.002		100	90 - 110%
7440-09-7	POTASSIUM	10	9.84	0.1		98	90 - 110%
7782-49-2	SELENIUM	0.02	0.0200	0.001		100	90 - 110%
7440-22-4	SILVER	0.002	0.00203	0.00005		101	90 - 110%
7440-23-5	SODIUM	20	21.4	0.1		107	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000387	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.02	0.0198	0.0005		99	90 - 110%
7440-66-6	ZINC	0.4	0.413	0.01		103	90 - 110%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV5
QC Type: Continuing Calibration
File Name: 0366CCV.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 14:54
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.508	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00305	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0103	0.0002		103	90 - 110%
7440-39-3	BARIUM	0.01	0.00985	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00509	0.00005		102	90 - 110%
7440-43-9	CADMIUM	0.003	0.00314	0.0002		105	90 - 110%
7440-70-2	CALCIUM	5	5.02	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0500	0.001		100	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.101	0.002		101	90 - 110%
7439-89-6	IRON	0.5	0.493	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00492	0.0002		98	90 - 110%
7439-95-4	MAGNESIUM	1	0.986	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0192	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0513	0.002		103	90 - 110%
7440-09-7	POTASSIUM	5	5.01	0.1		100	90 - 110%
7782-49-2	SELENIUM	0.01	0.0104	0.001		104	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00005		102	90 - 110%
7440-23-5	SODIUM	10	9.98	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000192	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00973	0.0005		97	90 - 110%
7440-66-6	ZINC	0.2	0.210	0.01		105	90 - 110%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV6
QC Type: Continuing Calibration
File Name: 0476CCV.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 15:39
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.501	0.01		100	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00301	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0104	0.0002		104	90 - 110%
7440-39-3	BARIUM	0.01	0.00987	0.0005		99	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00495	0.00005		99	90 - 110%
7440-43-9	CADMIUM	0.003	0.00308	0.0002		103	90 - 110%
7440-70-2	CALCIUM	5	4.94	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0503	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0101	0.0005		101	90 - 110%
7440-50-8	COPPER	0.1	0.102	0.002		102	90 - 110%
7439-89-6	IRON	0.5	0.492	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00484	0.0002		97	90 - 110%
7439-95-4	MAGNESIUM	1	0.990	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0193	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0511	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.01	0.1		100	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00104	0.00005		104	90 - 110%
7440-23-5	SODIUM	10	10.0	0.1		100	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000193	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00962	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.211	0.01		106	90 - 110%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV7
QC Type: Continuing Calibration
File Name: 0596CCV.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 16:20
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.522	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00299	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.0107	0.0002		107	90 - 110%
7440-39-3	BARIUM	0.01	0.00954	0.0005		95	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00492	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.003	0.00303	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	5.07	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0507	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0102	0.0005		102	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.499	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00505	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	0.991	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0194	0.001		97	90 - 110%
7440-02-0	NICKEL	0.05	0.0510	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.13	0.1		103	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00005		101	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000194	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.01	0.00982	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.216	0.01		108	90 - 110%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV8
QC Type: Continuing Calibration
File Name: 0716CCV.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 17:00
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.516	0.01		103	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00297	0.0001		99	90 - 110%
7440-38-2	ARSENIC	0.01	0.0106	0.0002		106	90 - 110%
7440-39-3	BARIUM	0.01	0.00936	0.0005		94	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00482	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00300	0.0002		100	90 - 110%
7440-70-2	CALCIUM	5	5.08	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0508	0.001		102	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.106	0.002		106	90 - 110%
7439-89-6	IRON	0.5	0.500	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00530	0.0002		106	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0194	0.001		97	90 - 110%
7440-02-0	NICKEL	0.05	0.0517	0.002		103	90 - 110%
7440-09-7	POTASSIUM	5	5.05	0.1		101	90 - 110%
7782-49-2	SELENIUM	0.01	0.0104	0.001		104	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00005		100	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000196	0.000015		98	90 - 110%
7440-62-2	VANADIUM	0.01	0.00983	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.218	0.01		109	90 - 110%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV9
QC Type: Continuing Calibration
File Name: 0836CCV.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 17:42
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.512	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00298	0.0001		99	90 - 110%
7440-38-2	ARSENIC	0.01	0.0106	0.0002		106	90 - 110%
7440-39-3	BARIUM	0.01	0.00954	0.0005		95	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00479	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00299	0.0002		100	90 - 110%
7440-70-2	CALCIUM	5	5.00	0.1		100	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0506	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0103	0.0005		103	90 - 110%
7440-50-8	COPPER	0.1	0.104	0.002		104	90 - 110%
7439-89-6	IRON	0.5	0.500	0.01		100	90 - 110%
7439-92-1	LEAD	0.005	0.00569	0.0002	Z	114	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0193	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0512	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	5.07	0.1		101	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00005		101	90 - 110%
7440-23-5	SODIUM	10	10.4	0.1		104	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000188	0.000015		94	90 - 110%
7440-62-2	VANADIUM	0.01	0.00982	0.0005		98	90 - 110%
7440-66-6	ZINC	0.2	0.217	0.01		108	90 - 110%

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV10
QC Type: Continuing Calibration
File Name: 0876CCV.

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 17:59
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.506	0.01		101	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00296	0.0001		99	90 - 110%
7440-38-2	ARSENIC	0.01	0.0107	0.0002		107	90 - 110%
7440-39-3	BARIUM	0.01	0.00946	0.0005		95	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00482	0.00005		96	90 - 110%
7440-43-9	CADMIUM	0.003	0.00299	0.0002		100	90 - 110%
7440-70-2	CALCIUM	5	5.08	0.1		102	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0503	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.106	0.002		106	90 - 110%
7439-89-6	IRON	0.5	0.497	0.01		99	90 - 110%
7439-92-1	LEAD	0.005	0.00559	0.0002	Z	112	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0194	0.001		97	90 - 110%
7440-02-0	NICKEL	0.05	0.0514	0.002		103	90 - 110%
7440-09-7	POTASSIUM	5	5.09	0.1		102	90 - 110%
7782-49-2	SELENIUM	0.01	0.0105	0.001		105	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00005		100	90 - 110%
7440-23-5	SODIUM	10	10.3	0.1		103	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000192	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00994	0.0005		99	90 - 110%
7440-66-6	ZINC	0.2	0.219	0.01		110	90 - 110%

Data Package ID: *IM2202184-1*

LEAD

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: IM220223-10A3
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
ICV	Initial Calibration	2/23/2022	12:04	0.01	0.00968	0.0002	N/A	97	90 - 110
CCV1	Continuing Calibration	2/23/2022	12:27	0.005	0.00504	0.0002	N/A	101	90 - 110
CCV2	Continuing Calibration	2/23/2022	12:45	0.005	0.00508	0.0002	N/A	102	90 - 110
CCV3	Continuing Calibration	2/23/2022	13:27	0.005	0.00510	0.0002	N/A	102	90 - 110

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: ICB
QC Type: Initial Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 12:14:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000486	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB5
QC Type: Continuing Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 3:00:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000122	0.002	J
7439-89-6	IRON	0.000524	0.01	J
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000002	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB6
QC Type: Continuing Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 3:45:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	-0.000015	0.0005	J
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	-0.0111	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000114	0.002	J
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB7
QC Type: Continuing Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 4:26:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.000072	0.0002	J
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	-0.0111	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	-0.000072	0.002	J
7439-89-6	IRON	0.000515	0.01	J
7439-92-1	LEAD	0.000188	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	0.000003	0.00005	J
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB8
QC Type: Continuing Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 5:06:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.000096	0.0002	J
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	-0.0104	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000719	0.01	J
7439-92-1	LEAD	0.000324	0.0002	
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000038	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB9
QC Type: Continuing Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 5:47:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.000126	0.0002	J
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	-0.011	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000953	0.01	J
7439-92-1	LEAD	0.000699	0.0002	
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.000046	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	0.000003	0.00005	J
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB10
QC Type: Continuing Calibration

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Time Analyzed: 6:05:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.000082	0.0002	J
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	-0.00936	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000721	0.01	J
7439-92-1	LEAD	0.000587	0.0002	
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.00008	0.001	J
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	0.000004	0.00005	J
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	0.0000014	0.000015	U
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2202184-1*

LEAD

Method SW6020

Calibration Blanks

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: IM220223-10A3
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Result	Reporting Limit	Flag
ICB	Initial Calibration	2/23/2022	12:10	-0.000021	0.0002	J
CCB1	Continuing Calibration	2/23/2022	12:33	-0.000022	0.0002	J
CCB2	Continuing Calibration	2/23/2022	12:51	-0.000028	0.0002	J
CCB3	Continuing Calibration	2/23/2022	13:33	-0.00002	0.0002	J

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: IM220222-10A5
Date Analyzed: 02/22/2022
Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.7	10	96
7440-36-0	ANTIMONY		0.003		0.00311	104
7440-38-2	ARSENIC		0.01		0.0106	106
7440-39-3	BARIUM		0.01		0.01020	102
7440-41-7	BERYLLIUM		0.005		0.00504	101
7440-43-9	CADMIUM		0.003		0.00309	103
7440-70-2	CALCIUM	30	35	29.6000	34.8	99
7440-47-3	CHROMIUM		0.05		0.05240	105
7440-48-4	COBALT		0.01		0.01030	103
7440-50-8	COPPER		0.1		0.10300	103
7439-89-6	IRON	25	25.5	23.6000	24.6000	96
7439-92-1	LEAD		0.005		0.00494	99
7439-95-4	MAGNESIUM	10	11	9.64000	10.4	94
7439-96-5	MANGANESE		0.02		0.02170	108
7440-02-0	NICKEL		0.05		0.0523	105
7440-09-7	POTASSIUM	10	15	9.86	15	100
7782-49-2	SELENIUM		0.01		0.01040	104
7440-22-4	SILVER		0.001		0.00104	104
7440-23-5	SODIUM	25	35	25.9	35.8	102
7440-28-0	THALLIUM		0.0002		0.0002	99
7440-62-2	VANADIUM		0.01		0.00999	100
7440-66-6	ZINC		0.2		0.21	105

Data Package ID: *IM2202184-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: IM220223-10A3
Date Analyzed: 02/23/2022
Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.63000	10.1000	96
7440-36-0	ANTIMONY		0.003		0.00308	103
7440-38-2	ARSENIC		0.01		0.0105	105
7440-39-3	BARIUM		0.01		0.00976	98
7440-41-7	BERYLLIUM		0.005		0.00490	98
7440-43-9	CADMIUM		0.003		0.00296	98
7440-70-2	CALCIUM	30	35	29.3	34.2000	98
7440-47-3	CHROMIUM		0.05		0.0499	100
7440-48-4	COBALT		0.01		0.01020	102
7440-50-8	COPPER		0.1		0.10100	101
7439-89-6	IRON	25	25.5	23	23.9	94
7439-92-1	LEAD		0.005		0.00512	102
7439-95-4	MAGNESIUM	10	11	9.61	10.7	97
7439-96-5	MANGANESE		0.02		0.02040	102
7440-02-0	NICKEL		0.05		0.0492	98
7440-09-7	POTASSIUM	10	15	9.62	14.9	99
7782-49-2	SELENIUM		0.01		0.01020	102
7440-22-4	SILVER		0.001		0.00099	99
7440-23-5	SODIUM	25	35	25.4	35.1	100
7440-28-0	THALLIUM		0.0002		0.00021	105
7440-62-2	VANADIUM		0.01		0.01020	102
7440-66-6	ZINC		0.2		0.20600	103

Data Package ID: *IM2202184-1*

Metals Linear Ranges

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Instrument ID: ICPMS2
Active Date: 03/14/2016
Expiration Date: 07/04/2025

CASNO	Target Analyte	Concentration (ppm)
7429-90-5	ALUMINUM	50
7440-36-0	ANTIMONY	0.3
7440-38-2	ARSENIC	1
7440-39-3	BARIUM	1
7440-41-7	BERYLLIUM	0.5
7440-43-9	CADMIUM	0.3
7440-70-2	CALCIUM	500
7440-47-3	CHROMIUM	5
7440-48-4	COBALT	1
7440-50-8	COPPER	10
7439-89-6	IRON	50
7439-92-1	LEAD	0.5
7439-95-4	MAGNESIUM	100
7439-96-5	MANGANESE	2
7440-02-0	NICKEL	5
7440-09-7	POTASSIUM	500
7782-49-2	SELENIUM	1
7440-22-4	SILVER	0.1
7440-23-5	SODIUM	1000
7440-28-0	THALLIUM	0.02
7440-62-2	VANADIUM	1
7440-66-6	ZINC	20

ICPMS2 Run Log -- 2/22/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220222-10A1
CalibRefID: IM220222-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	2/22/2022	11:05
		RINSE	1	2/22/2022	11:08
		RINSE	1	2/22/2022	11:14
		RINSE	1	2/22/2022	11:20
		RINSE	1	2/22/2022	11:26
		BLANK	1	2/22/2022	11:32
		H/1000	1	2/22/2022	11:38
		H/100	1	2/22/2022	11:44
		H/10	1	2/22/2022	11:50
		HIGH	1	2/22/2022	11:56
		RINSE	1	2/22/2022	12:03
		BLANK	1	2/22/2022	12:06
		ICV	1	2/22/2022	12:09
		ICB	1	2/22/2022	12:14
		LIV	1	2/22/2022	12:17
		ICSA1	1	2/22/2022	12:20
		ICSAB1	1	2/22/2022	12:26
		CCV1	1	2/22/2022	12:32
		CCB1	1	2/22/2022	12:38
		IP220110-2MB	10	2/22/2022	12:41
		IM220110-2	10	2/22/2022	12:44
		IM220110-1	10	2/22/2022	12:50
		IM220110-2LCS	10	2/22/2022	12:56
		IM220110-2LCSD	10	2/22/2022	13:02
		CCV2	1	2/22/2022	13:08
		CCB2	1	2/22/2022	13:14
		IP220110-3MB	10	2/22/2022	13:17
		IM220110-5	10	2/22/2022	13:20
		IM220110-4	10	2/22/2022	13:25
		IM220110-3LCS	10	2/22/2022	13:31
		IM220110-3LCSD	10	2/22/2022	13:37
		CCV3	1	2/22/2022	13:43
		CCB3	1	2/22/2022	13:49
		IP220110-4MB	10	2/22/2022	13:52
		IM220110-8	10	2/22/2022	13:55

Data Package ID: IM2202184-1

ICPMS2 Run Log -- 2/22/2022

Instrument ID: ICPMS2
File Name: 026SMPL.
AnalRunID: IM220222-10A1
CalibRefID: IM220222-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		IM220110-7	10	2/22/2022	14:01
		IM220110-4LCS	10	2/22/2022	14:07
		IM220110-4LCSD	10	2/22/2022	14:13
		CCV4	1	2/22/2022	14:19
		CCB4	1	2/22/2022	14:25
		IP220110-5MB	10	2/22/2022	14:28
		IM220110-11	10	2/22/2022	14:31
		IM220110-10	10	2/22/2022	14:37
		IM220110-5LCS	10	2/22/2022	14:43
		IM220110-5LCSD	10	2/22/2022	14:48
		CCV5	1	2/22/2022	14:54
		CCB5	1	2/22/2022	15:00
		IP220221-1MB	10	2/22/2022	15:03
		IM220221-1LCS	10	2/22/2022	15:06
		IM220221-1LCSD	10	2/22/2022	15:12
	BT-GS-N04	2202184-1	10	2/22/2022	15:18
		ZZZ	100	2/22/2022	15:21
	BT-GS-C01	2202184-2	10	2/22/2022	15:24
		ZZZ	100	2/22/2022	15:27
- Mn,Pb	BT-GS-F18	2202184-3	10	2/22/2022	15:30
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-F18	2202184-3	100	2/22/2022	15:33
		CCV6	1	2/22/2022	15:39
		CCB6	1	2/22/2022	15:45
- Mn,Pb	BT-GS-F20	2202184-4	10	2/22/2022	15:48
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-F20	2202184-4	100	2/22/2022	15:50
- As,Mn,Pb	BT-GS-F13	2202184-5	10	2/22/2022	15:53
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-F13	2202184-5	100	2/22/2022	15:56
- As,Pb	BT-GS-H03	2202184-6	10	2/22/2022	15:59
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-H03	2202184-6	100	2/22/2022	16:02
- As,Fe,Pb	BT-GS-I08	2202184-7	10	2/22/2022	16:05
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I08	2202184-7	100	2/22/2022	16:08
- As,Mn,Pb	BT-GS-J09	2202184-8	10	2/22/2022	16:11
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J09	2202184-8	100	2/22/2022	16:14
		CCV7	1	2/22/2022	16:20
		CCB7	1	2/22/2022	16:26

Data Package ID: IM2202184-1

ICPMS2 Run Log -- 2/22/2022

Instrument ID: ICPMS2
File Name: 061SMPL.
AnalRunID: IM220222-10A1
CalibRefID: IM220222-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
- As,Fe,Pb	BT-GS-B19	2202184-9	10	2/22/2022	16:29
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-B19	2202184-9	100	2/22/2022	16:31
- As,Mn,Pb	BT-GS-B19-DUP	2202184-10	10	2/22/2022	16:34
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-B19-DUP	2202184-10	100	2/22/2022	16:37
- As,Fe,Mn,Pb	BT-GS-E07	2202184-11	10	2/22/2022	16:40
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-E07	2202184-11	100	2/22/2022	16:43
- As,Fe,Mn,Pb	BT-GS-C08	2202184-12	10	2/22/2022	16:46
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-C08	2202184-12	100	2/22/2022	16:49
- As,Fe,Mn,Pb	BT-GS-CO6	2202184-13	10	2/22/2022	16:52
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-CO6	2202184-13	100	2/22/2022	16:55
		CCV8	1	2/22/2022	17:00
		CCB8	1	2/22/2022	17:06
- As,Fe,Mn,Pb	BT-GS-C06-DUP	2202184-14	10	2/22/2022	17:09
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-C06-DUP	2202184-14	100	2/22/2022	17:12
- As,Pb	BT-GS-G02	2202184-15	10	2/22/2022	17:15
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-G02	2202184-15	100	2/22/2022	17:18
- As,Fe,Pb	BT-GS-J06	2202184-16	10	2/22/2022	17:21
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J06	2202184-16	100	2/22/2022	17:24
- As,Fe,Mn,Pb	BT-G2-D06	2202184-17	10	2/22/2022	17:27
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-G2-D06	2202184-17	100	2/22/2022	17:30
- As,Fe,Pb	BT-GS-K06	2202184-18	10	2/22/2022	17:33
Ag,Al,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-K06	2202184-18	100	2/22/2022	17:36
		CCV9	1	2/22/2022	17:42
		CCB9	1	2/22/2022	17:47
- Pb	BT-GS-L04	2202184-19	10	2/22/2022	17:50
		ZZZ	100	2/22/2022	17:53
		CCV10	1	2/22/2022	17:59
		CCB10	1	2/22/2022	18:05
		IP220218-3MB	10	2/22/2022	18:08
		IM220218-3LCS	10	2/22/2022	18:11
		IM220218-3LCSD	10	2/22/2022	18:17
		2202183-1	10	2/22/2022	18:23
		2202200-1	10	2/22/2022	18:26
		2202201-1	10	2/22/2022	18:29
		2202202-1	10	2/22/2022	18:32

Data Package ID: IM2202184-1

ICPMS2 Run Log -- 2/22/2022

Instrument ID: ICPMS2
File Name: 096SMPL.
AnalRunID: IM220222-10A1
CalibRefID: IM220222-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2202203-1	10	2/22/2022	18:35
		2202251-1	10	2/22/2022	18:38
		ZZZ	100	2/22/2022	18:41
		CCV11	1	2/22/2022	18:47
		CCB11	1	2/22/2022	18:53
		2202302-1	10	2/22/2022	18:56
		2202303-1	10	2/22/2022	18:59
		2202303-2	10	2/22/2022	19:02
		CCV12	1	2/22/2022	19:08
		CCB12	1	2/22/2022	19:13
		IP220214-2MB	5	2/22/2022	19:16
		IM220214-2LCS	5	2/22/2022	19:19
		2201396-2	5	2/22/2022	19:25
		2201396-3	5	2/22/2022	19:28
- Al		2201396-5	5	2/22/2022	19:31
		2201396-6	5	2/22/2022	19:34
		2201396-7	5	2/22/2022	19:37
		2201396-8	5	2/22/2022	19:40
		2201396-10	5	2/22/2022	19:43
		2201396-11	5	2/22/2022	19:46
		CCV13	1	2/22/2022	19:52
		CCB13	1	2/22/2022	19:58
		2201396-12	5	2/22/2022	20:01
		2201396-13	5	2/22/2022	20:04
		2202146-3	5	2/22/2022	20:07
		2202146-4	5	2/22/2022	20:10
		2202148-1	5	2/22/2022	20:13
		2202148-2	5	2/22/2022	20:16
		2202148-2SER	25	2/22/2022	20:19
		2202148-2MS	5	2/22/2022	20:22
		2202148-2MSD	5	2/22/2022	20:25
		2202148-2A	5	2/22/2022	20:28
		CCV14	1	2/22/2022	20:34
		CCB14	1	2/22/2022	20:40
		2202148-5	5	2/22/2022	20:43

Data Package ID: IM2202184-1

ICPMS2 Run Log -- 2/22/2022

Instrument ID: ICPMS2
File Name: 131SMPL.
AnalRunID: IM220222-10A1
CalibRefID: IM220222-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2202148-6	5	2/22/2022	20:46
		2202148-7	5	2/22/2022	20:49
		2202148-8	5	2/22/2022	20:52
		CCV15	1	2/22/2022	20:58
		CCB15	1	2/22/2022	21:04
		IP220207-2MB	10	2/22/2022	21:07
		IM220207-2LCS	10	2/22/2022	21:10
		2202027-1	10	2/22/2022	21:16
		2202027-1SER	50	2/22/2022	21:19
		2202027-1MS	10	2/22/2022	21:22
		2202027-1MSD	10	2/22/2022	21:25
		2202027-1A	10	2/22/2022	21:27
		2202027-3	10	2/22/2022	21:33
		2202027-7	10	2/22/2022	21:36
		2202027-10	10	2/22/2022	21:39
		CCV16	1	2/22/2022	21:45
		CCB16	1	2/22/2022	21:51
		2202027-15	10	2/22/2022	21:54
		2202027-18	10	2/22/2022	21:57
		2202027-22	10	2/22/2022	22:00
		2202027-25	10	2/22/2022	22:03
		2202027-28	10	2/22/2022	22:06
		2202027-33	10	2/22/2022	22:09
		2202031-3	10	2/22/2022	22:12
		2202031-7	10	2/22/2022	22:15
		2202031-12	10	2/22/2022	22:18
		2202033-2	10	2/22/2022	22:21
		CCV17	1	2/22/2022	22:27
		CCB17	1	2/22/2022	22:33
		2202033-6	10	2/22/2022	22:36
		2202033-10	10	2/22/2022	22:39
		2202033-14	10	2/22/2022	22:42
		CCV18	1	2/22/2022	22:48
		CCB18	1	2/22/2022	22:54
		RINSE	1	2/22/2022	22:57

Data Package ID: IM2202184-1

ICPMS2 Run Log -- 2/22/2022

Instrument ID: ICPMS2
File Name: 166SMPL.
AnalRunID: IM220222-10A1
CalibRefID: IM220222-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	2/22/2022	23:00
		RINSE	1	2/22/2022	23:03
		RINSE	1	2/22/2022	23:06

Data Package ID: IM2202184-1

ICPMS2 Run Log -- 2/23/2022

Instrument ID: ICPMS2
File Name: 001CALB.
AnalRunID: IM220223-10A1
CalibRefID: IM220223-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	2/23/2022	11:09
		RINSE	1	2/23/2022	11:12
		RINSE	1	2/23/2022	11:18
		BLANK	1	2/23/2022	11:24
		H/1000	1	2/23/2022	11:30
		H/100	1	2/23/2022	11:35
		H/10	1	2/23/2022	11:41
		HIGH	1	2/23/2022	11:47
		RINSE	1	2/23/2022	11:58
		BLANK	1	2/23/2022	12:01
		ICV	1	2/23/2022	12:04
		ICB	1	2/23/2022	12:10
		LIV	1	2/23/2022	12:13
		ICSA1	1	2/23/2022	12:16
		ICSAB1	1	2/23/2022	12:22
		CCV1	1	2/23/2022	12:27
		CCB1	1	2/23/2022	12:33
Ag,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn		IP220214-2MB	5	2/23/2022	12:36
Ag,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn		2201396-5	5	2/23/2022	12:39
		CCV2	1	2/23/2022	12:45
		CCB2	1	2/23/2022	12:51
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J09	2202184-8	1000	2/23/2022	12:54
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-E07	2202184-11	1000	2/23/2022	12:57
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-C08	2202184-12	1000	2/23/2022	13:00
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-CO6	2202184-13	1000	2/23/2022	13:03
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-C06-DUP	2202184-14	1000	2/23/2022	13:06
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-G02	2202184-15	1000	2/23/2022	13:09
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J06	2202184-16	1000	2/23/2022	13:12
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-G2-D06	2202184-17	1000	2/23/2022	13:15
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-K06	2202184-18	1000	2/23/2022	13:18
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-L04	2202184-19	1000	2/23/2022	13:21
		CCV3	1	2/23/2022	13:27
		CCB3	1	2/23/2022	13:33

Data Package ID: IM2202184-1

ALS -- Fort Collins
LIMS Version: 7.026

Date Printed: Wednesday, February 23, 2022

Mercury

Method SW7471B

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: HG220216-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 16-Feb-22
Date Analyzed: 16-Feb-22

Prep Batch: HG220216-1
QCBatchID: HG220216-1-1
Run ID: HG220216-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220216-1

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7439-97-6	MERCURY	1	0.0042	U	0.033	0.0042

Data Package ID: *HG2202184-1*

Mercury

Method SW7471B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: HG220216-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/16/2022
Date Analyzed: 02/16/2022
Prep Method: METHOD

Prep Batch: HG220216-1
QCBatchID: HG220216-1-1
Run ID: HG220216-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220216-1

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.163	0.0333		98	80 - 120%

Lab ID: HG220216-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02/16/2022
Date Analyzed: 02/16/2022
Prep Method: METHOD

Prep Batch: HG220216-1
QCBatchID: HG220216-1-1
Run ID: HG220216-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220216-1

Sample Aliquot: 0.6 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.167	0.0333		100	20	2

Data Package ID: *HG2202184-1*

Prep Batch ID: HG220216-1

Start Date: 02/16/22
Start Time: 9:13
Prep Analyst: James S. Dowdell
End Date: 02/16/22
End Time: 11:00
Concentration Method: NONE
Extract Method: METHOD
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: jsd
Date Created: 02/16/22
Time Created: 9:23
Validated By: jsd
Date Validated: 02/16/22
Time Validated: 14:35

Comments:

QC Batch ID: HG220216-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
HG220216-1	MB	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2202184
HG220216-1	LCS	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2202184
HG220216-1	LCSD	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2202184
2202184-1	SMP	BT-GS-N04	SOIL	1/26/2022	0.616	100	NONE	1	2202184
2202184-10	SMP	BT-GS-B19-DUP	SOIL	1/26/2022	0.62	100	NONE	1	2202184
2202184-11	SMP	BT-GS-E07	SOIL	1/26/2022	0.642	100	NONE	1	2202184
2202184-12	SMP	BT-GS-C08	SOIL	1/26/2022	0.604	100	NONE	1	2202184
2202184-13	SMP	BT-GS-CO6	SOIL	1/26/2022	0.625	100	NONE	1	2202184
2202184-14	SMP	BT-GS-C06-DUP	SOIL	1/26/2022	0.622	100	NONE	1	2202184
2202184-15	SMP	BT-GS-G02	SOIL	1/27/2022	0.638	100	NONE	1	2202184
2202184-16	SMP	BT-GS-J06	SOIL	1/26/2022	0.603	100	NONE	1	2202184
2202184-17	SMP	BT-G2-D06	SOIL	1/27/2022	0.657	100	NONE	1	2202184
2202184-18	SMP	BT-GS-K06	SOIL	1/26/2022	0.67	100	NONE	1	2202184
2202184-19	SMP	BT-GS-L04	SOIL	1/26/2022	0.659	100	NONE	1	2202184
2202184-2	SMP	BT-GS-C01	SOIL	1/26/2022	0.618	100	NONE	1	2202184
2202184-3	SMP	BT-GS-F18	SOIL	1/25/2022	0.662	100	NONE	1	2202184
2202184-4	SMP	BT-GS-F20	SOIL	1/25/2022	0.604	100	NONE	1	2202184
2202184-5	SMP	BT-GS-F13	SOIL	1/25/2022	0.645	100	NONE	1	2202184
2202184-6	SMP	BT-GS-H03	SOIL	1/26/2022	0.655	100	NONE	1	2202184
2202184-7	SMP	BT-GS-I08	SOIL	1/26/2022	0.605	100	NONE	1	2202184
2202184-8	SMP	BT-GS-J09	SOIL	1/27/2022	0.644	100	NONE	1	2202184
2202184-9	SMP	BT-GS-B19	SOIL	1/26/2022	0.612	100	NONE	1	2202184

Prep Batch ID: HG220216-1

Start Date: 02/16/22
Start Time: 9:13
Prep Analyst: James S. Dowdell

End Date: 02/16/22
End Time: 11:00

Concentration Method: NONE
Extract Method: METHOD
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: jsd
Date Created: 02/16/22
Time Created: 9:23
Validated By: jsd
Date Validated: 02/16/22
Time Validated: 14:35

Comments:

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicat		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

MERCURY

Method SW7471

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: HG220216-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
ICV	Initial Calibration	2/16/2022	13:05	0.001	0.00100	0.0002	N/A	100	90 - 110
CCV1	Continuing Calibration	2/16/2022	13:31	0.002	0.00197	0.0002	N/A	99	80 - 120
CCV2	Continuing Calibration	2/16/2022	13:56	0.002	0.00201	0.0002	N/A	100	80 - 120
CCV3	Continuing Calibration	2/16/2022	14:18	0.002	0.00198	0.0002	N/A	99	80 - 120

Data Package ID: *HG2202184-1*

MERCURY

Method SW7471

Calibration Blanks

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: HG220216-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Result	Reporting Limit	Flag
ICB	Initial Calibration	2/16/2022	13:07	0.0000707	0.0002	U
CCB1	Continuing Calibration	2/16/2022	13:33	0.0000707	0.0002	U
CCB2	Continuing Calibration	2/16/2022	13:58	0.0000707	0.0002	U
CCB3	Continuing Calibration	2/16/2022	14:20	0.0000707	0.0002	U

Data Package ID: *HG2202184-1*

Metals Linear Ranges

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2202184
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Instrument ID: CETAC7600
Active Date: 03/25/2021
Expiration Date: 10/22/2025

CASNO	Target Analyte	Concentration (ppm)
7439-97-6	MERCURY	0.01

Mercury Run Log -- 2/16/2022

Instrument ID: CETAC7600
File Name: HG220216-1
AnalRunID: HG220216-1A1
CalibRefID: HG220216-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		0	1	2/16/2022	12:48
		1	1	2/16/2022	12:50
		2	1	2/16/2022	12:52
		3	1	2/16/2022	12:55
		4	1	2/16/2022	12:57
		5	1	2/16/2022	12:59
		6	1	2/16/2022	13:02
		ICV	1	2/16/2022	13:05
		ICB	1	2/16/2022	13:07
		CRA1	1	2/16/2022	13:09
		RVS	1	2/16/2022	13:12
		HG220216-1MB	1	2/16/2022	13:14
		HG220216-1LCS	1	2/16/2022	13:16
		HG220216-1LCS	1	2/16/2022	13:18
	BT-GS-N04	2202184-1	1	2/16/2022	13:20
	BT-GS-C01	2202184-2	1	2/16/2022	13:22
	BT-GS-F18	2202184-3	1	2/16/2022	13:24
	BT-GS-F20	2202184-4	1	2/16/2022	13:26
	BT-GS-F13	2202184-5	1	2/16/2022	13:28
		CCV1	1	2/16/2022	13:31
		CCB1	1	2/16/2022	13:33
	BT-GS-H03	2202184-6	1	2/16/2022	13:35
	BT-GS-I08	2202184-7	1	2/16/2022	13:37
	BT-GS-J09	2202184-8	1	2/16/2022	13:39
	BT-GS-B19	2202184-9	1	2/16/2022	13:41
	BT-GS-B19-DUP	2202184-10	1	2/16/2022	13:43
	BT-GS-E07	2202184-11	1	2/16/2022	13:45
	BT-GS-C08	2202184-12	1	2/16/2022	13:48
	BT-GS-CO6	2202184-13	1	2/16/2022	13:50
	BT-GS-C06-DUP	2202184-14	1	2/16/2022	13:52
	BT-GS-G02	2202184-15	1	2/16/2022	13:54
		CCV2	1	2/16/2022	13:56
		CCB2	1	2/16/2022	13:58
	BT-GS-J06	2202184-16	1	2/16/2022	14:00
	BT-G2-D06	2202184-17	1	2/16/2022	14:04

Data Package ID: HG2202184-1

ALS -- Fort Collins
LIMS Version: 7.026

Date Printed: Wednesday, February 23, 2022

Mercury Run Log -- 2/16/2022

Instrument ID: CETAC7600
File Name: HG220216-1
AnalRunID: HG220216-1A1
CalibRefID: HG220216-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		ZZZ	1	2/16/2022	14:06
	BT-GS-L04	2202184-19	1	2/16/2022	14:10
		2202256-1	1	2/16/2022	14:12
	BT-GS-K06	2202184-18	2	2/16/2022	14:15
		CCV3	1	2/16/2022	14:18
		CCB3	1	2/16/2022	14:20

Data Package ID: HG2202184-1

Raw Data

Header Information for Analytical Sequence 22B22m00

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 02/22/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST201231-3, expires 04/30/2022) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Analytical Spikes

2202148-2A and 2202027-1A were post spiked by diluting the High Calibration Standard (ST220215-1, expires 7/31/2022) and the Cation Spike (ST191014-2, expires 03/03/2025) 500 fold then ten-fold dilution of the sample digestates.

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22B22m00.B\
Analysis File: 22B22m00.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		2/22/2022 11:05:40	001CALB_22B22l00.D	RINSE	CalBlk	1	1.0000
2		2/22/2022 11:08:39	002CALB_22B22l00.D	RINSE	CalBlk	1	1.0000
3		2/22/2022 11:14:36	003CALB_22B22l00.D	RINSE	CalBlk	1	1.0000
4		2/22/2022 11:20:32	004CALB_22B22l00.D	RINSE	CalBlk	1	1.0000
5		2/22/2022 11:26:28	005CALB_22B22l00.D	RINSE	CalBlk	1	1.0000
6		2/22/2022 11:32:24	006CALB_22B22l00.D	BLANK	CalBlk	1	1.0000
7		2/22/2022 11:38:20	007CALS_22B22l00.D	H/1000	CalStd	2	1.0000
8		2/22/2022 11:44:16	008CALS_22B22l00.D	H/100	CalStd	3	1.0000
9		2/22/2022 11:50:11	009CALS_22B22l00.D	H/10	CalStd	4	1.0000
10		2/22/2022 11:56:04	010CALS_22B22l00.D	HIGH	CalStd	5	1.0000
11		2/22/2022 12:03:07	001SMPL.D	RINSE	Sample		1.0000
12		2/22/2022 12:06:06	002SMPL.D	BLANK	Sample		1.0000
13		2/22/2022 12:09:03	003SMPL.D	ICV	6-ICV		1.0000
14		2/22/2022 12:14:56	004SMPL.D	ICB	6-CCB		1.0000
15		2/22/2022 12:17:56	005SMPL.D	LIV	RLCV		1.0000
16		2/22/2022 12:20:54	006SMPL.D	ICSA	6-ICSA		1.0000
17		2/22/2022 12:26:48	007SMPL.D	ICSAB	6-ICSAB		1.0000
18		2/22/2022 12:32:39	0086CCV.D	CCV	6-CCV		1.0000
19		2/22/2022 12:38:33	0096CCB.D	CCB	6-CCB		1.0000
20		2/22/2022 12:41:32	010SMPL.D	IP220110-2MB 10X	6-CCB		1.0000
21		2/22/2022 12:44:31	011SMPL.D	IM220110-2RVS 10X	Sample		1.0000
22		2/22/2022 12:50:27	012SMPL.D	IM220110-1RVS 10X	Sample		1.0000
23		2/22/2022 12:56:23	013_LCS.D	IM220110-1LCS 10X	6-LCS		1.0000
24		2/22/2022 13:02:16	014_LCS.D	IM220110-1LCSD 10X	6-LCS		1.0000
25		2/22/2022 13:08:08	0156CCV.D	CCV	6-CCV		1.0000
26		2/22/2022 13:14:02	0166CCB.D	CCB	6-CCB		1.0000
27		2/22/2022 13:17:01	0176CCB.D	IP220110-3MB 10X	6-CCB		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		2/22/2022 13:20:02	018SMPL.D	IM220110-5RVS 10X	Sample		1.0000
29		2/22/2022 13:25:59	019SMPL.D	IM220110-4RVS 10X	Sample		1.0000
30		2/22/2022 13:31:55	020_LCS.D	IM220110-3LCS 10X	6-LCS		1.0000
31		2/22/2022 13:37:51	021_LCS.D	IM220110-3LCSD 10X	6-LCS		1.0000
32		2/22/2022 13:43:44	0226CCV.D	CCV	6-CCV		1.0000
33		2/22/2022 13:49:38	0236CCB.D	CCB	6-CCB		1.0000
34		2/22/2022 13:52:37	0246CCB.D	IP220110-4MB 10X	6-CCB		1.0000
35		2/22/2022 13:55:38	025SMPL.D	IM220110-8RVS 10X	Sample		1.0000
36		2/22/2022 14:01:34	026SMPL.D	IM220110-7RVS 10X	Sample		1.0000
37		2/22/2022 14:07:29	027_LCS.D	IM220110-4LCS 10X	6-LCS		1.0000
38		2/22/2022 14:13:22	028_LCS.D	IM220110-4LCSD 10X	6-LCS		1.0000
39		2/22/2022 14:19:15	0296CCV.D	CCV	6-CCV		1.0000
40		2/22/2022 14:25:10	0306CCB.D	CCB	6-CCB		1.0000
41		2/22/2022 14:28:10	0316CCB.D	IP220110-5MB 10X	6-CCB		1.0000
42		2/22/2022 14:31:10	032SMPL.D	IM220110-11RVS 10X	Sample		1.0000
43		2/22/2022 14:37:05	033SMPL.D	IM220110-10RVS 10X	Sample		1.0000
44		2/22/2022 14:43:01	034_LCS.D	IM220110-5LCS 10X	6-LCS		1.0000
45		2/22/2022 14:48:54	035_LCS.D	IM220110-5LCSD 10X	6-LCS		1.0000
46		2/22/2022 14:54:48	0366CCV.D	CCV	6-CCV		1.0000
47		2/22/2022 15:00:43	0376CCB.D	CCB	6-CCB		1.0000
48		2/22/2022 15:03:42	0386CCB.D	IP220221-1MB 10X	6-CCB		1.0000
49		2/22/2022 15:06:41	039_LCS.D	IM220221-1LCS 10X	6-LCS		1.0000
50		2/22/2022 15:12:35	040_LCS.D	IM220221-1LCSD 10X	6-LCS		1.0000
51		2/22/2022 15:18:28	041SMPL.D	2202184-1 10X	Sample		1.0000
52		2/22/2022 15:21:26	042SMPL.D	2202184-1 100X	Sample		1.0000
53		2/22/2022 15:24:25	043SMPL.D	2202184-2 10X	Sample		1.0000
54		2/22/2022 15:27:21	044SMPL.D	2202184-2 100X	Sample		1.0000
55		2/22/2022 15:30:20	045SMPL.D	2202184-3 10X	Sample		1.0000
56		2/22/2022 15:33:14	046SMPL.D	2202184-3 100X	Sample		1.0000
57		2/22/2022 15:39:08	0476CCV.D	CCV	6-CCV		1.0000
58		2/22/2022 15:45:01	0486CCB.D	CCB	6-CCB		1.0000
59		2/22/2022 15:48:00	049SMPL.D	2202184-4 10X	Sample		1.0000
60		2/22/2022 15:50:56	050SMPL.D	2202184-4 100X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		2/22/2022 15:53:53	051SMPL.D	2202184-5 10X	Sample		1.0000
62		2/22/2022 15:56:48	052SMPL.D	2202184-5 100X	Sample		1.0000
63		2/22/2022 15:59:45	053SMPL.D	2202184-6 10X	Sample		1.0000
64		2/22/2022 16:02:38	054SMPL.D	2202184-6 100X	Sample		1.0000
65		2/22/2022 16:05:37	055SMPL.D	2202184-7 10X	Sample		1.0000
66		2/22/2022 16:08:30	056SMPL.D	2202184-7 100X	Sample		1.0000
67		2/22/2022 16:11:27	057SMPL.D	2202184-8 10X	Sample		1.0000
68		2/22/2022 16:14:17	058SMPL.D	2202184-8 100X	Sample		1.0000
69		2/22/2022 16:20:09	0596CCV.D	CCV	6-CCV		1.0000
70		2/22/2022 16:26:03	0606CCB.D	CCB	6-CCB		1.0000
71		2/22/2022 16:29:02	061SMPL.D	2202184-9 10X	Sample		1.0000
72		2/22/2022 16:31:53	062SMPL.D	2202184-9 100X	Sample		1.0000
73		2/22/2022 16:34:51	063SMPL.D	2202184-10 10X	Sample		1.0000
74		2/22/2022 16:37:42	064SMPL.D	2202184-10 100X	Sample		1.0000
75		2/22/2022 16:40:39	065SMPL.D	2202184-11 10X	Sample		1.0000
76		2/22/2022 16:43:29	066SMPL.D	2202184-11 100X	Sample		1.0000
77		2/22/2022 16:46:25	067SMPL.D	2202184-12 10X	Sample		1.0000
78		2/22/2022 16:49:16	068SMPL.D	2202184-12 100X	Sample		1.0000
79		2/22/2022 16:52:13	069SMPL.D	2202184-13 10X	Sample		1.0000
80		2/22/2022 16:55:03	070SMPL.D	2202184-13 100X	Sample		1.0000
81		2/22/2022 17:00:56	0716CCV.D	CCV	6-CCV		1.0000
82		2/22/2022 17:06:51	0726CCB.D	CCB	6-CCB		1.0000
83		2/22/2022 17:09:50	073SMPL.D	2202184-14 10X	Sample		1.0000
84		2/22/2022 17:12:39	074SMPL.D	2202184-14 100X	Sample		1.0000
85		2/22/2022 17:15:37	075SMPL.D	2202184-15 10X	Sample		1.0000
86		2/22/2022 17:18:29	076SMPL.D	2202184-15 100X	Sample		1.0000
87		2/22/2022 17:21:27	077SMPL.D	2202184-16 10X	Sample		1.0000
88		2/22/2022 17:24:24	078SMPL.D	2202184-16 100X	Sample		1.0000
89		2/22/2022 17:27:23	079SMPL.D	2202184-17 10X	Sample		1.0000
90		2/22/2022 17:30:14	080SMPL.D	2202184-17 100X	Sample		1.0000
91		2/22/2022 17:33:11	081SMPL.D	2202184-18 10X	Sample		1.0000
92		2/22/2022 17:36:07	082SMPL.D	2202184-18 100X	Sample		1.0000
93		2/22/2022 17:42:00	0836CCV.D	CCV	6-CCV		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		2/22/2022 17:47:55	0846CCB.D	CCB	6-CCB		1.0000
95		2/22/2022 17:50:54	085SMPL.D	2202184-19 10X	Sample		1.0000
96		2/22/2022 17:53:49	086SMPL.D	2202184-19 100X	Sample		1.0000
97		2/22/2022 17:59:44	0876CCV.D	CCV	6-CCV		1.0000
98		2/22/2022 18:05:38	0886CCB.D	CCB	6-CCB		1.0000
99		2/22/2022 18:08:37	0896CCB.D	IP220218-3MB 10X	6-CCB		1.0000
100		2/22/2022 18:11:37	090_LCS.D	IM220218-3LCS 10X	6-LCS		1.0000
101		2/22/2022 18:17:30	091_LCS.D	IM220218-3LCSD 10X	6-LCS		1.0000
102		2/22/2022 18:23:24	092SMPL.D	2202183-1 10X	Sample		1.0000
103		2/22/2022 18:26:25	093SMPL.D	2202200-1 10X	Sample		1.0000
104		2/22/2022 18:29:25	094SMPL.D	2202201-1 10X	Sample		1.0000
105		2/22/2022 18:32:24	095SMPL.D	2202202-1 10X	Sample		1.0000
106		2/22/2022 18:35:23	096SMPL.D	2202203-1 10X	Sample		1.0000
107		2/22/2022 18:38:24	097SMPL.D	2202251-1 10X	Sample		1.0000
108		2/22/2022 18:41:21	098SMPL.D	2202251-1 100X	Sample		1.0000
109		2/22/2022 18:47:16	0996CCV.D	CCV	6-CCV		1.0000
110		2/22/2022 18:53:09	1006CCB.D	CCB	6-CCB		1.0000
111		2/22/2022 18:56:08	101SMPL.D	2202302-1 10X	Sample		1.0000
112		2/22/2022 18:59:08	102SMPL.D	2202303-1 10X	Sample		1.0000
113		2/22/2022 19:02:08	103SMPL.D	2202303-2 10X	Sample		1.0000
114		2/22/2022 19:08:03	1046CCV.D	CCV	6-CCV		1.0000
115		2/22/2022 19:13:59	1056CCB.D	CCB	6-CCB		1.0000
116		2/22/2022 19:16:59	1066CCB.D	IP220214-2MB 5X	6-CCB		1.0000
117		2/22/2022 19:19:59	107_LCS.D	IM220214-2LCS 5X	6-LCS		1.0000
118		2/22/2022 19:25:52	108SMPL.D	2201396-2 5X	Sample		1.0000
119		2/22/2022 19:28:52	109SMPL.D	2201396-3 5X	Sample		1.0000
120		2/22/2022 19:31:53	110SMPL.D	2201396-5 5X	Sample		1.0000
121		2/22/2022 19:34:53	111SMPL.D	2201396-6 5X	Sample		1.0000
122		2/22/2022 19:37:53	112SMPL.D	2201396-7 5X	Sample		1.0000
123		2/22/2022 19:40:52	113SMPL.D	2201396-8 5X	Sample		1.0000
124		2/22/2022 19:43:53	114SMPL.D	2201396-10 5X	Sample		1.0000
125		2/22/2022 19:46:51	115SMPL.D	2201396-11 5X	Sample		1.0000
126		2/22/2022 19:52:47	1166CCV.D	CCV	6-CCV		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
127		2/22/2022 19:58:42	1176CCB.D	CCB	6-CCB		1.0000
128		2/22/2022 20:01:44	118SMPL.D	2201396-12 5X	Sample		1.0000
129		2/22/2022 20:04:43	119SMPL.D	2201396-13 5X	Sample		1.0000
130		2/22/2022 20:07:42	120SMPL.D	2202146-3 5X	Sample		1.0000
131		2/22/2022 20:10:43	121SMPL.D	2202146-4 5X	Sample		1.0000
132		2/22/2022 20:13:43	122SMPL.D	2202148-1 5X	Sample		1.0000
133		2/22/2022 20:16:43	123SMPL.D	2202148-2 5X	Sample		1.0000
134		2/22/2022 20:19:42	124SMPL.D	2202148-2L 25X	Sample		1.0000
135		2/22/2022 20:22:42	125SMPL.D	2202148-2MS 5X	Sample		1.0000
136		2/22/2022 20:25:39	126SMPL.D	2202148-2MSD 5X	Sample		1.0000
137		2/22/2022 20:28:35	127SMPL.D	2202148-2A 5X	Sample		1.0000
138		2/22/2022 20:34:28	1286CCV.D	CCV	6-CCV		1.0000
139		2/22/2022 20:40:21	1296CCB.D	CCB	6-CCB		1.0000
140		2/22/2022 20:43:22	130SMPL.D	2202148-5 5X	Sample		1.0000
141		2/22/2022 20:46:21	131SMPL.D	2202148-6 5X	Sample		1.0000
142		2/22/2022 20:49:21	132SMPL.D	2202148-7 5X	Sample		1.0000
143		2/22/2022 20:52:22	133SMPL.D	2202148-8 5X	Sample		1.0000
144		2/22/2022 20:58:17	1346CCV.D	CCV	6-CCV		1.0000
145		2/22/2022 21:04:11	1356CCB.D	CCB	6-CCB		1.0000
146		2/22/2022 21:07:10	1366CCB.D	IP220207-2MB 10X	6-CCB		1.0000
147		2/22/2022 21:10:09	137_LCS.D	IM220207-2LCS 10X	6-LCS		1.0000
148		2/22/2022 21:16:04	138SMPL.D	2202027-1 10X	Sample		1.0000
149		2/22/2022 21:19:04	139SMPL.D	2202027-1L 50X	Sample		1.0000
150		2/22/2022 21:22:04	140SMPL.D	2202027-1MS 10X	Sample		1.0000
151		2/22/2022 21:25:02	141SMPL.D	2202027-1MSD 10X	Sample		1.0000
152		2/22/2022 21:27:58	142SMPL.D	2202027-1A 10X	Sample		1.0000
153		2/22/2022 21:33:53	143SMPL.D	2202027-3 10X	Sample		1.0000
154		2/22/2022 21:36:55	144SMPL.D	2202027-7 10X	Sample		1.0000
155		2/22/2022 21:39:55	145SMPL.D	2202027-10 10X	Sample		1.0000
156		2/22/2022 21:45:51	1466CCV.D	CCV	6-CCV		1.0000
157		2/22/2022 21:51:46	1476CCB.D	CCB	6-CCB		1.0000
158		2/22/2022 21:54:47	148SMPL.D	2202027-15 10X	Sample		1.0000
159		2/22/2022 21:57:47	149SMPL.D	2202027-18 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
160		2/22/2022 22:00:46	150SMPL.D	2202027-22 10X	Sample		1.0000
161		2/22/2022 22:03:47	151SMPL.D	2202027-25 10X	Sample		1.0000
162		2/22/2022 22:06:47	152SMPL.D	2202027-28 10X	Sample		1.0000
163		2/22/2022 22:09:47	153SMPL.D	2202027-33 10X	Sample		1.0000
164		2/22/2022 22:12:48	154SMPL.D	2202031-3 10X	Sample		1.0000
165		2/22/2022 22:15:48	155SMPL.D	2202031-7 10X	Sample		1.0000
166		2/22/2022 22:18:48	156SMPL.D	2202031-12 10X	Sample		1.0000
167		2/22/2022 22:21:48	157SMPL.D	2202033-2 10X	Sample		1.0000
168		2/22/2022 22:27:43	1586CCV.D	CCV	6-CCV		1.0000
169		2/22/2022 22:33:36	1596CCB.D	CCB	6-CCB		1.0000
170		2/22/2022 22:36:37	160SMPL.D	2202033-6 10X	Sample		1.0000
171		2/22/2022 22:39:37	161SMPL.D	2202033-10 10X	Sample		1.0000
172		2/22/2022 22:42:37	162SMPL.D	2202033-14 10X	Sample		1.0000
173		2/22/2022 22:48:32	1636CCV.D	CCV	6-CCV		1.0000
174		2/22/2022 22:54:28	1646CCB.D	CCB	6-CCB		1.0000
175		2/22/2022 22:57:27	165SMPL.D	RINSE	Sample		1.0000
176		2/22/2022 23:00:25	166SMPL.D	RINSE	Sample		1.0000
177		2/22/2022 23:03:26	167SMPL.D	RINSE	Sample		1.0000
178		2/22/2022 23:06:25	168SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0261	3937.82	0.0116	277.33	0.5819	27426.67	-0.4583	15404.31	0.2908	63.34
2	RINSE	0.0239	3797.79	0.0124	296.67	0.5175	26561.88	-0.0730	15374.42	0.1574	50.00
3	RINSE	0.0016	1993.47	0.0000	24.67	0.0593	19301.04	-0.3129	13105.55	0.2133	53.33
4	RINSE	0.0020	1865.45	-0.0002	18.67	0.2157	20189.84	0.8027	13549.28	0.1099	43.33
5	RINSE	-0.0001	1740.10	-0.0004	15.33	-0.0890	15736.26	-0.2690	12968.85	-0.0659	26.67
6	BLANK	0.0000	1735.43	0.0000	23.33	0.0000	17013.05	0.0000	13529.40	0.0000	33.33
7	H/1000	0.9579	75921.56	0.0505	1087.38	0.9959	33132.30	106.0538	82655.09	10.6120	1063.42
8	H/100	9.3683	766586.54	0.5156	11559.95	9.6843	182916.24	1013.1377	719022.83	100.7688	10553.78
9	H/10	99.9847	8481493.00	5.2271	122121.95	100.0316	1794604.44	10406.7577	7458624.05	1005.4581	109056.34
10	HIGH	1000.0079	89215352.00	49.9771	1286869.84	901.5869	17655659.86	99959.1868	74519690.56	9999.4459	1102127.46
11	RINSE	0.1738	16060.31	0.0115	277.34	9.8652	182388.67	0.8426	17366.29	0.8463	123.34
12	BLANK	0.0666	6817.41	0.0002	28.00	4.9681	95284.55	0.3839	14636.96	0.1243	50.00
13	ICV	203.3023	16809423.00	10.1953	236747.06	199.0763	3530351.39	21424.3132	15311382.27	1935.2651	212999.25
14	ICB	0.0722	7520.37	-0.0003	17.33	4.4615	90324.35	0.6932	14507.16	0.3109	66.67
15	LIV	1.9545	176583.30	0.0502	1259.39	17.0239	336663.31	104.7387	87764.68	9.1477	1006.74
16	ICSA	0.0805	8807.00	0.0001	28.67	2.9549	72931.37	25919.0859	19246590.55	9643.2589	1074735.76
17	ICSAB	98.5044	8635793.33	5.0417	123979.23	96.8415	1828600.34	35774.5306	27315417.09	10354.4906	1188967.64
18	CCV	96.8946	8825948.67	4.9804	126719.49	96.7258	1890272.22	10257.7507	8275166.34	1002.0530	122912.46
19	CCB	0.0546	6350.56	-0.0004	15.33	2.6542	63339.07	1.1584	15257.50	0.0927	46.67
20	IP220110-2MB ...	0.0565	6468.61	-0.0002	20.67	1.9932	51822.86	1.7651	15944.86	0.3050	70.00
21	IM220110-2RVS...	0.9559	80231.26	0.0246	578.68	8.5945	165701.42	53.1573	50744.73	5.8037	650.04
22	IM220110-1RVS...	0.9607	86660.88	0.0225	570.68	8.0960	168310.99	49.2881	54115.50	4.7169	590.04
23	IM220110-1LCS...	99.9823	9173993.67	5.0651	127435.34	199.4278	3832773.60	1025.5400	822987.78	991.1482	118921.48
24	IM220110-1LCS...	98.5521	9200060.67	5.0267	129679.24	200.9864	3958980.95	1021.8348	831886.45	992.3548	119961.45
25	CCV	96.6049	9474245.33	5.0080	137215.17	97.0554	2041529.43	10297.7859	8623775.50	1005.6360	126315.89
26	CCB	0.0320	4966.77	-0.0004	18.00	2.4268	65377.81	-1.3391	14676.99	0.4913	96.67
27	IP220110-3MB ...	0.0425	5865.05	-0.0005	15.33	1.6066	50181.33	-0.5307	15657.91	0.0313	43.33
28	IM220110-5RVS...	0.9334	88239.73	0.0224	592.69	8.2079	177929.28	47.9599	55456.42	5.3203	676.71
29	IM220110-4RVS...	0.9413	88796.88	0.0237	628.02	8.0235	174987.58	48.4405	54730.62	5.7156	703.38
30	IM220110-3LCS...	98.6957	9128383.00	5.0596	129101.31	199.6164	3889037.21	992.6262	829671.42	1000.7166	119043.70
31	IM220110-3LCS...	99.3297	9325588.33	5.0412	131295.96	201.0058	3996943.73	988.4749	856563.27	997.8424	124360.32

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	96.3964	9138576.33	5.0706	133294.01	100.6064	2029826.10	10123.5727	8419417.79	992.6734	124297.44
33	CCB	0.0289	3819.79	-0.0003	16.00	3.1416	64948.37	0.2154	13409.19	0.2111	53.33
34	IP220110-4MB ...	0.0363	4510.64	-0.0003	17.33	2.3096	53778.49	0.5915	14493.54	0.3594	70.00
35	IM220110-8RVS...	0.9349	76516.36	0.0236	538.68	8.9771	166551.65	46.6556	47702.65	4.6144	510.03
36	IM220110-7RVS...	0.9374	81044.35	0.0232	564.01	8.1919	163025.91	46.6498	49985.67	5.0915	583.37
37	IM220110-4LCS...	96.2153	8790905.33	4.9916	124887.51	194.9321	3724188.19	994.6966	838282.70	975.9188	119853.85
38	IM220110-4LCS...	97.8420	8985277.67	4.9402	125212.23	198.7860	3847641.93	997.5433	815690.82	968.7846	117199.85
39	CCV	97.2643	8556246.33	5.1163	125622.17	101.2323	1907646.24	10280.3419	7926957.80	982.7545	114307.35
40	CCB	0.0274	3983.83	-0.0004	16.00	3.2038	69830.66	-0.6216	13769.54	0.0770	43.33
41	IP220110-5MB ...	0.0453	5450.91	-0.0005	13.33	2.0474	51384.87	0.3448	14760.38	0.2383	60.00
42	IM220110-11RV...	0.9814	78609.13	0.0257	572.68	9.1624	165591.09	51.5323	49828.77	5.7177	623.38
43	IM220110-10RV...	0.9583	78211.22	0.0226	521.35	8.4264	158982.41	47.7768	49116.23	6.1192	670.04
44	IM220110-5LCS...	95.9055	8500411.33	4.9214	119621.85	191.4730	3554734.37	957.9503	775074.99	975.8792	112120.09
45	IM220110-5LCS...	97.3150	8533729.00	5.0105	121220.48	198.0060	3657729.44	968.3438	777712.78	983.8301	112004.71
46	CCV	97.1204	8439333.67	5.0886	123315.72	100.7801	1874622.56	9981.9577	7715901.34	985.6270	113685.92
47	CCB	0.0232	3655.76	-0.0005	14.67	2.9055	65960.95	-0.7110	13669.49	-0.0249	33.33
48	IP220221-1MB ...	0.0286	4366.59	-0.0004	16.00	1.6674	48285.79	0.4935	16365.34	0.4025	83.34
49	IM220221-1LCS...	97.1093	8344153.67	5.0587	118781.51	197.0396	3533317.91	978.9270	766247.07	981.3219	110293.05
50	IM220221-1LCS...	97.4183	8369662.17	4.9978	117440.83	198.7172	3565770.00	978.1157	806811.39	981.9656	116938.07
51	2202184-1 10X	8.0630	734245.21	0.2814	7056.17	7.1164	155443.94	91.7092	90827.28	5068.8986	612856.97
52	2202184-1 100X	0.8805	79127.43	0.0287	717.36	2.8885	72240.45	6.3394	20543.39	545.1046	62249.92
53	2202184-2 10X	8.5836	783332.31	0.4277	10654.72	4.9263	113197.21	66.5480	68621.45	3330.4461	398314.94
54	2202184-2 100X	0.9211	80055.04	0.0417	994.04	1.8375	51316.93	3.4495	18521.10	342.5092	39671.20
55	2202184-3 10X	2.6460	237794.72	0.2442	5983.08	10.3302	211372.30	195.6468	166026.67	3801.8704	447604.71
56	2202184-3 100X	0.2863	25712.16	0.0242	580.01	2.3982	60470.04	16.9808	27072.74	376.3262	41248.60
57	CCV	95.4583	8457883.33	4.9495	122519.02	95.8199	1821655.62	10012.8729	7748370.30	990.2347	114824.12
58	CCB	0.0240	3799.78	-0.0005	13.33	1.9838	51827.19	0.5626	14740.43	-0.1551	20.00
59	2202184-4 10X	7.8410	747028.77	0.3945	10377.22	7.4893	170465.69	175.8145	158692.31	5899.7527	737409.52
60	2202184-4 100X	0.8077	71591.60	0.0418	1018.71	1.9245	54013.84	14.4880	26148.07	603.9580	68206.21
61	2202184-5 10X	2.6543	247600.10	0.3368	8513.50	2.9916	77808.37	54.2053	61139.84	7490.5288	925801.52
62	2202184-5 100X	0.2676	25067.83	0.0337	824.70	0.8006	33756.78	2.9902	17519.75	698.2101	80007.03

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	5.8239	538831.46	0.2740	6996.80	3.7711	93574.20	170.9566	153617.00	4061.1421	497238.72
64	2202184-6 100X	0.6075	54917.69	0.0271	678.69	0.8114	34409.17	14.3935	26448.49	394.8365	45382.59
65	2202184-7 10X	1.1365	108373.66	0.0608	1568.08	2.8176	74905.46	199.3369	176031.42	667.4126	80925.37
66	2202184-7 100X	0.1413	14400.17	0.0044	132.00	0.5716	29788.31	16.0834	28288.18	72.2784	8502.57
67	2202184-8 10X	2.5234	245349.72	0.7791	19999.08	3.2925	85032.58	59.7746	64689.45	13435.9385	1721348.93
68	2202184-8 100X	0.2832	27362.15	0.0830	2059.47	0.6523	32114.68	2.2010	17880.24	1395.2138	167004.66
69	CCV	96.6660	9134599.33	4.9185	129504.81	94.3947	1908831.59	10375.6677	8393380.08	990.8350	122010.94
70	CCB	0.0236	3939.82	-0.0008	6.67	1.5327	46437.43	0.0535	15551.08	0.0125	40.00
71	2202184-9 10X	21.1315	2043556.21	0.2613	6928.79	9.4066	210085.13	452.9691	400215.49	2520.9058	324006.88
72	2202184-9 100X	1.8639	171609.12	0.0274	710.02	1.8373	55043.91	39.9423	48060.32	247.4737	29880.91
73	2202184-10 10X	2.1901	217657.57	0.2806	7397.65	3.2001	85254.70	51.1241	60544.52	11681.7620	1551121.33
74	2202184-10 100X	0.2326	23185.86	0.0253	661.35	0.6574	32851.66	0.7667	17603.22	1110.9178	141288.90
75	2202184-11 10X	2.7596	268972.53	0.7976	20978.20	3.2101	85494.86	193.9964	180669.37	6712.6375	872627.67
76	2202184-11 100X	0.2817	27267.89	0.0815	2041.47	0.5853	31104.05	15.4501	28622.09	675.5257	81675.67
77	2202184-12 10X	3.9643	392228.35	0.4091	10752.11	3.0129	81384.04	75.7531	81154.78	11978.7102	1555051.69
78	2202184-12 100X	0.5978	55896.68	0.0420	1063.38	0.5509	30428.34	4.5815	19915.97	1205.7354	145755.29
79	2202184-13 10X	6.1006	603063.19	0.6784	17996.88	5.7331	136954.55	177.8821	166054.44	10240.8220	1330150.66
80	2202184-13 100X	0.6079	57437.20	0.0664	1676.10	0.9479	38081.42	13.6532	27216.58	992.2639	120043.25
81	CCV	95.8769	8887917.67	4.8152	123951.92	93.0337	1840030.48	10362.4990	8432004.66	1013.0265	123884.27
82	CCB	0.0205	3753.11	-0.0007	10.00	1.3471	43608.92	0.5847	16288.57	0.1895	63.34
83	2202184-14 10X	6.0227	607928.29	0.6591	17900.76	6.0055	145808.13	166.7056	161494.49	10596.2267	1417606.13
84	2202184-14 100X	0.6164	57950.28	0.0647	1648.10	1.1761	42799.17	12.8029	26692.44	1051.4309	129250.50
85	2202184-15 10X	3.4765	333160.54	0.2220	5819.03	4.5518	111463.02	518.2453	454093.60	1326.4757	168419.66
86	2202184-15 100X	0.3339	32134.36	0.0208	538.68	0.7214	33405.05	46.3593	49972.74	127.3763	14493.57
87	2202184-16 10X	2.6200	232108.58	0.1148	2769.58	14.1334	275904.54	1070.4578	817496.42	919.5959	106798.49
88	2202184-16 100X	0.2605	22978.24	0.0105	258.67	2.6707	62926.47	102.3389	87057.82	94.7018	10240.16
89	2202184-17 10X	5.7618	531310.75	0.7665	18768.34	4.6947	107149.27	172.9639	147430.11	12983.1703	1557332.47
90	2202184-17 100X	0.6264	53961.88	0.0790	1802.78	0.7592	31337.83	14.5381	25189.87	1289.9121	142465.19
91	2202184-18 10X	2.9154	253572.10	0.1611	3829.12	9.2798	185624.11	789.2100	599516.09	1129.0087	129881.60
92	2202184-18 100X	0.3053	26796.46	0.0175	414.68	1.5546	44476.79	74.6068	71775.83	113.2035	13192.31
93	CCV	96.2777	8206128.67	4.7909	113483.81	93.5042	1701448.96	10352.5956	7746581.55	1005.5568	112978.95

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	0.0174	3143.65	-0.0006	10.00	1.3903	39956.80	0.4679	14263.32	0.1842	53.33
95	2202184-19 10X	5.6782	511735.26	0.3156	7905.89	8.5623	182790.56	221.8421	191988.54	3569.1015	423536.66
96	2202184-19 100X	0.5547	49022.33	0.0317	763.36	1.5778	46885.27	19.2299	29206.57	351.0701	38792.75
97	CCV	96.4700	8438472.33	4.8224	117502.45	93.5806	1752616.66	10268.2618	7805796.76	1014.6625	114723.68
98	CCB	0.0141	2904.27	-0.0005	12.67	1.5036	42510.65	1.7057	15277.52	-0.0171	33.33
99	IP220218-3MB ...	0.0106	2640.23	-0.0006	10.67	0.5149	26228.27	4.5114	17152.83	0.3757	73.34
100	IM220218-3LCS...	101.5952	8717426.00	4.9676	117702.08	199.4785	3609489.30	1044.0718	791609.47	1017.0710	113421.57
101	IM220218-3LCS...	101.4201	8856891.33	4.9728	120570.86	200.0545	3703883.05	1033.7885	796242.90	1019.9071	115380.67
102	2202183-1 10X	0.8320	77451.74	-0.0004	18.67	24.7890	483667.32	4632.7953	3640167.34	800.7874	92511.45
103	2202200-1 10X	1.0576	93509.00	0.0035	110.67	5.9249	126471.78	1051.1599	796787.05	401.0618	44727.10
104	2202201-1 10X	1.1996	104787.39	0.0059	165.33	4.3699	97628.83	1260.1944	934276.94	190.8752	21060.70
105	2202202-1 10X	0.9805	85423.04	0.0044	128.00	3.7508	85391.90	1016.4921	748373.37	342.3136	37726.60
106	2202203-1 10X	0.8949	78795.82	0.0116	301.34	2.8822	71339.54	1074.3772	794873.87	382.6785	42013.93
107	2202251-1 10X	18.7584	1631428.13	0.0000	28.67	100.3403	1898302.84	71606.2292	53924059.20	23.8396	2717.01
108	2202251-1 100X	1.6576	143285.98	-0.0006	11.33	15.3752	295186.73	7150.4865	5256085.23	2.7270	343.36
109	CCV	97.1340	8667532.33	4.8403	121542.96	94.3068	1818908.82	10246.7984	7980000.09	1014.8066	117996.73
110	CCB	0.0118	2827.59	-0.0006	12.67	1.9700	52074.59	2.5747	16128.45	-0.1237	23.33
111	2202302-1 10X	3.3217	300809.76	-0.0006	12.00	62.4044	1228158.39	41578.2404	31946195.36	62.6925	7431.94
112	2202303-1 10X	5.7760	515579.90	0.0035	117.33	18.5465	375850.46	15665.5574	12098322.32	2922.4031	338117.82
113	2202303-2 10X	5.4804	498174.70	0.0045	141.33	15.6021	319210.43	15536.5080	11708169.82	2897.2793	332297.01
114	CCV	95.4876	8724281.00	4.7814	122262.43	93.2496	1831893.19	10275.7576	8059897.38	1000.0621	118342.19
115	CCB	0.0081	2869.60	-0.0007	10.00	1.4799	49664.32	1.8740	15931.59	-0.0334	33.33
116	IP220214-2MB 5X	0.0234	3847.14	-0.0006	12.00	1.0586	37014.65	-0.0087	15631.17	0.5241	93.34
117	IM220214-2LCS...	197.4528	17368397.33	9.7461	240356.25	389.9272	7326432.21	2055.4536	1703554.61	2003.8923	232181.18
118	2201396-2 5X	1.3037	121669.62	0.0037	124.00	8.5753	186653.69	5368.0677	4538700.87	3306.6341	389992.18
119	2201396-3 5X	1.2952	118320.98	0.0003	36.00	5.4827	124160.85	5550.9584	4616856.91	3371.9205	393858.82
120	2201396-5 5X	0.9456	85906.00	-0.0003	20.00	6.3809	140047.06	4210.2492	3433780.26	2159.1813	251336.24
121	2201396-6 5X	0.9311	84173.42	-0.0007	9.33	5.9340	130216.95	4205.5936	3390433.91	2146.4462	248579.14
122	2201396-7 5X	0.7466	68252.74	-0.0006	12.00	4.4144	101741.48	4130.9273	3282035.99	2438.8756	280411.28
123	2201396-8 5X	0.7576	68460.20	-0.0005	14.00	4.2566	97618.14	4130.1379	3286927.14	2482.6096	282690.69
124	2201396-10 5X	0.6889	62281.28	-0.0006	12.67	2.2709	61125.58	3286.3132	2641930.59	5026.7767	579042.22

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	0.6847	62017.74	-0.0007	11.33	2.0364	57272.31	3313.8186	2603594.44	5060.1403	577139.65
126	CCV	95.8859	8638974.67	4.8652	121649.73	93.2579	1791641.18	10249.5707	7965099.46	978.9281	115626.12
127	CCB	0.0119	2903.60	-0.0007	9.33	1.6854	47376.57	1.6139	15638.00	-0.1272	23.33
128	2201396-12 5X	0.7050	65607.19	-0.0005	14.67	2.2305	62722.49	3253.2961	2655347.46	5061.6043	594702.19
129	2201396-13 5X	0.6767	62939.13	-0.0006	12.67	1.9251	57139.68	3277.4292	2650241.89	5009.9194	585584.30
130	2202146-3 5X	0.9943	90255.68	-0.0006	12.67	6.2996	137981.40	4539.0111	3650108.49	2311.9744	267011.48
131	2202146-4 5X	0.9835	89710.79	-0.0007	9.33	6.5497	142651.03	4627.5367	3719107.34	2305.9872	267399.64
132	2202148-1 5X	1.2205	110166.48	-0.0006	12.00	6.9411	150711.26	8194.6392	6505038.86	3851.9582	446527.21
133	2202148-2 5X	1.1927	108777.11	-0.0003	21.33	7.0258	151386.29	8189.8308	6445957.82	3852.6357	447288.56
134	2202148-2L 25X	0.2569	23790.68	-0.0007	9.33	1.9478	53711.11	1710.5676	1300582.59	778.8791	88171.86
135	2202148-2MS 5X	191.3260	16778291.00	9.4627	231269.78	377.0242	7018373.05	10118.4451	8069961.75	5868.5082	676750.64
136	2202148-2MSD...	190.8689	16717179.67	9.4560	230149.44	405.1523	7509091.09	10083.6762	8053899.26	5813.0256	676805.72
137	2202148-2A 5X	116.6386	10183265.33	4.6385	113134.07	134.1742	2504517.12	9989.0602	8124402.38	6679.3780	798156.11
138	CCV	93.6342	8194882.50	4.8209	116236.28	99.7056	1845303.75	10473.2683	7768079.88	983.9303	113498.99
139	CCB	0.0373	4937.42	-0.0005	14.00	2.9903	68976.15	1.9427	16025.05	0.0882	46.67
140	2202148-5 5X	1.1240	102764.50	-0.0002	22.67	8.5110	181145.77	6513.4492	5195402.73	2651.4374	310850.50
141	2202148-6 5X	1.1030	101820.44	-0.0006	13.33	8.2170	179137.40	6341.2700	5223375.44	2674.6531	317201.43
142	2202148-7 5X	1.0198	93277.01	-0.0006	14.00	7.1472	156696.12	4643.2115	3790352.76	2390.0998	283504.94
143	2202148-8 5X	0.9998	93144.55	0.0008	48.00	6.9709	154326.59	4596.2919	3752072.24	2377.8488	278469.57
144	CCV	91.8148	8690703.67	4.7101	123342.30	92.0340	1851577.91	10229.1168	8220641.13	980.2607	121040.92
145	CCB	0.0227	4009.84	-0.0007	10.67	2.1332	59157.48	1.2252	16545.42	0.1445	56.67
146	IP220207-2MB ...	0.0257	4253.90	-0.0005	15.33	1.3084	43518.73	5.2810	19762.38	0.4698	93.34
147	IM220207-2LCS...	93.9731	8954555.00	4.7762	124405.29	189.2341	3764544.29	1008.2173	855628.68	976.4680	121518.37
148	2202027-1 10X	0.0901	10916.90	-0.0005	15.33	4.3350	108594.16	569.5299	496419.47	745.7051	94573.34
149	2202027-1L 50X	0.0276	4734.03	-0.0005	15.33	1.9486	59060.38	113.5154	108401.80	152.7727	18874.72
150	2202027-1MS 10X	94.6834	9133783.00	4.7728	126878.15	186.4167	3786115.54	1631.7956	1409320.91	1707.7860	218642.27
151	2202027-1MSD ...	96.5429	9304167.00	4.8502	128547.55	204.0846	4129230.11	1671.1421	1438933.68	1716.2131	220010.83
152	2202027-1A 10X	116.1806	11131374.00	4.7342	125173.99	112.5117	2280473.45	2682.0531	2252743.51	3619.8115	458804.78
153	2202027-3 10X	0.1399	15902.17	0.0001	32.00	4.0299	102930.74	570.7178	444354.34	756.4039	86537.40
154	2202027-7 10X	0.0782	8732.30	-0.0002	22.00	2.5088	64572.37	328.8946	259774.79	1002.0244	112196.79
155	2202027-10 10X	0.1239	12706.82	0.0005	37.33	2.1765	58576.74	527.4316	415348.86	739.7666	83287.27

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	93.5046	8348530.17	4.7383	119858.11	92.1620	1790502.22	9960.0068	7825517.59	984.9266	115781.40
157	CCB	0.0263	4086.52	-0.0008	6.67	2.4997	61585.99	-1.0948	14006.56	0.1585	53.33
158	2202027-15 10X	0.0705	8304.08	0.0001	28.67	2.2229	60971.65	278.7127	231703.89	784.0237	90553.96
159	2202027-18 10X	0.1391	14412.19	0.0006	41.33	1.8582	54223.47	561.4935	445528.95	677.3232	77757.58
160	2202027-22 10X	0.3547	33128.89	-0.0005	16.00	4.8380	109302.44	303.4469	245519.65	422.5739	48153.62
161	2202027-25 10X	0.2770	26371.85	0.0003	33.33	1.7896	52724.53	280.6249	228400.34	592.5969	66890.65
162	2202027-28 10X	0.4766	43812.99	-0.0005	14.67	1.8207	52796.95	367.5020	295326.66	198.1659	22525.79
163	2202027-33 10X	0.0347	5028.11	-0.0008	6.67	1.4246	45384.68	3503.7099	2664405.07	738.2964	83809.47
164	2202031-3 10X	0.2446	23967.63	-0.0005	14.67	2.4685	66193.83	1512.0331	1188663.37	1440.7657	169027.75
165	2202031-7 10X	0.1515	15756.03	-0.0004	17.33	5.3313	121234.81	2254.6431	1775168.67	1025.8681	121353.10
166	2202031-12 10X	0.1529	16001.61	-0.0006	14.00	5.6745	128234.93	2239.2644	1760553.10	1032.5647	121098.35
167	2202033-2 10X	0.1240	13494.74	0.0003	34.67	3.2475	82891.17	1767.6824	1393906.02	899.6765	106111.40
168	CCV	91.4574	8722551.33	4.7140	125576.31	93.0128	1903753.68	10251.1499	8309004.46	982.2497	121346.83
169	CCB	0.0150	3367.02	-0.0007	9.33	1.3095	44720.64	-1.4231	14907.33	0.5898	110.00
170	2202033-6 10X	0.1529	16993.91	0.0003	37.33	4.0365	102857.46	1839.2440	1560010.76	1045.1874	129942.60
171	2202033-10 10X	0.1458	16147.73	0.0001	31.33	3.9561	100732.91	1844.8326	1551670.50	1015.2631	125859.43
172	2202033-14 10X	0.0854	10280.50	0.0047	150.67	1.0552	42267.94	95.4834	95395.78	906.7763	113267.03
173	CCV	91.7147	8928788.00	4.7693	128072.59	92.3845	1905751.24	10204.8037	8456226.12	984.0862	125221.79
174	CCB	0.0144	3340.36	-0.0007	10.00	1.5216	48793.92	-0.4183	15461.17	0.7688	130.01
175	RINSE	0.0312	4999.44	0.0106	299.34	0.8421	37305.32	1.9059	19061.68	2.3889	323.36
176	RINSE	0.0357	5342.21	0.0100	280.67	0.4683	29694.81	2.1679	19168.39	1.4427	210.01
177	RINSE	0.0348	5285.53	0.0109	306.01	0.3698	27790.49	1.2951	18547.56	1.8744	260.02
178	RINSE	0.0320	5050.12	0.0109	306.67	0.2513	25622.72	1.8402	18887.98	2.0116	276.68

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	1.1408	590.04	3.9997	9893.38	-2.3385	294.79	0.4909	150.01	0.0554	576.68
2	RINSE	0.9761	520.03	0.3615	9329.68	-2.1237	294.88	0.4039	130.02	0.0284	399.34
3	RINSE	-0.0590	133.34	-1.2801	8872.78	1.6186	321.37	-0.0158	40.00	-0.0023	190.67
4	RINSE	0.0960	176.68	0.0655	9089.63	1.7533	318.58	-0.0870	26.67	-0.0010	198.67
5	RINSE	0.1137	183.34	0.3515	9132.96	-1.0513	268.03	-0.0120	40.00	-0.0020	191.67
6	BLANK	0.0000	153.34	0.0000	9226.31	0.0000	295.61	0.0000	43.33	0.0000	207.00
7	H/1000	32.9684	10370.33	46.0918	19001.46	53.2822	1299.29	3.3233	630.04	0.1050	885.03
8	H/100	51.4524	17176.12	491.3937	114706.81	512.5351	10594.15	29.0649	5514.52	0.9795	7010.16
9	H/10	525.8737	178967.22	5111.3940	1110647.80	5079.2801	105069.58	301.2346	58360.82	9.8543	71149.66
10	HIGH	4997.3701	1771119.30	49988.9506	10477544.84	49991.9434	1074883.43	2999.8856	605234.25	100.0148	731899.04
11	RINSE	1.4929	760.10	0.0133	9666.53	0.2642	371.37	0.3210	123.35	0.0206	364.68
12	BLANK	0.1325	206.68	-3.3329	9222.99	2.7531	371.02	0.0560	56.67	-0.0015	217.67
13	ICV	1039.8961	353152.42	9839.0308	2167848.77	10252.2852	211415.04	410.3229	79337.52	19.7531	144527.71
14	ICB	0.3536	273.35	-2.9578	9079.58	4.8044	401.20	-0.0636	33.33	0.0055	255.00
15	LIV	11.1377	3870.62	95.6054	30602.50	100.9444	2354.76	20.0769	3843.97	0.5652	4201.88
16	ICSA	9702.2128	3422700.68	9861.6942	2200862.62	29554.7496	632726.97	199.3625	40082.92	-0.0055	199.33
17	ICSAB	10031.9658	3639619.63	15012.0030	3356217.97	34778.9315	765727.28	510.6650	105516.13	9.9887	76374.60
18	CCV	517.6183	198324.60	5090.8505	1232865.22	5136.3166	119568.99	301.1026	65655.60	9.7771	79844.28
19	CCB	0.3812	290.02	0.5827	10090.13	2.5671	367.86	-0.0335	40.00	0.0011	235.67
20	IP220110-2MB ...	0.7623	423.36	-5.6424	8926.05	-7.4481	170.10	-0.0219	43.33	-0.0048	199.67
21	IM220110-2RVS...	5.9106	2090.22	46.1885	19589.03	39.7023	1097.01	9.7404	1856.85	0.2382	1896.45
22	IM220110-1RVS...	5.8114	2316.93	44.8064	21521.30	41.0494	1267.22	10.8896	2343.60	0.2385	2094.48
23	IM220110-1LCS...	498.7297	186670.03	495.9762	129129.43	1046.8577	24110.71	205.3023	43755.94	9.6116	76779.48
24	IM220110-1LCS...	499.4942	189669.58	498.5215	131015.64	1075.9988	25117.60	203.3771	43969.52	9.6070	77319.63
25	CCV	522.2090	207691.94	4937.6291	1255819.33	5143.2977	124335.76	305.1514	69075.11	9.9049	82811.47
26	CCB	0.2823	280.02	-4.9552	9759.98	2.1288	390.39	0.0518	60.00	0.0014	259.33
27	IP220110-3MB ...	0.5488	383.36	-6.6113	9413.06	-6.7532	201.10	-0.0538	40.00	-0.0020	232.67
28	IM220110-5RVS...	5.4106	2266.92	43.0208	21638.27	40.5736	1310.67	9.8760	2210.26	0.2421	2177.15
29	IM220110-4RVS...	5.4530	2240.26	43.3588	21294.25	42.3117	1324.70	9.6912	2126.90	0.2367	2071.47
30	IM220110-3LCS...	485.7869	189299.87	488.7642	129159.78	1059.6880	25394.97	198.6592	44080.13	9.7304	77060.85
31	IM220110-3LCS...	488.7296	197389.54	495.0074	134526.58	1051.7776	26126.68	198.9996	45774.93	9.6455	80030.75

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	513.4618	202820.74	5015.9121	1248980.76	5049.9191	121245.29	300.3642	67531.98	9.7923	81630.42
33	CCB	0.2934	240.01	2.6145	9523.14	-1.9651	253.89	-0.0920	26.67	0.0051	238.33
34	IP220110-4MB ...	0.7438	400.03	-0.6389	9212.95	-8.3849	143.97	-0.1008	26.67	-0.0013	204.67
35	IM220110-8RVS...	6.0121	2190.24	44.9299	18908.25	38.4148	1105.22	8.8061	1733.51	0.2469	1907.78
36	IM220110-7RVS...	5.2729	2033.54	42.3549	19261.87	45.4807	1309.47	9.2899	1913.53	0.2389	1931.45
37	IM220110-4LCS...	492.3553	193365.82	494.5913	132791.47	1066.1291	25750.74	203.7170	45570.94	9.6641	79025.41
38	IM220110-4LCS...	485.3772	185019.10	482.8783	127310.75	1025.3271	24049.70	200.1562	43445.15	9.4901	76442.67
39	CCV	514.4507	188393.15	5039.8980	1178348.45	5015.5349	111666.31	299.9218	62512.78	9.7703	75657.31
40	CCB	0.5068	326.68	-2.2477	9319.70	3.6012	380.75	-0.1186	23.33	0.0003	224.00
41	IP220110-5MB ...	0.7165	403.36	-3.0429	9139.56	-5.8004	200.37	0.0713	60.00	-0.0010	214.00
42	IM220110-11RV...	5.8017	2063.56	47.9900	19755.83	45.7792	1225.32	9.3140	1783.51	0.2454	1896.45
43	IM220110-10RV...	5.2487	1956.87	42.9269	18961.54	45.0390	1256.41	9.3650	1866.86	0.2438	1899.12
44	IM220110-5LCS...	470.6306	177431.05	470.2500	121959.12	1004.3988	23293.37	189.9868	40778.43	9.3857	71789.39
45	IM220110-5LCS...	473.3894	177143.83	481.4745	121135.44	1009.3213	23243.17	192.8740	41095.63	9.5820	72628.62
46	CCV	507.5058	186267.47	5014.9027	1158092.92	5017.8929	111906.51	291.4621	60896.74	9.7336	74749.65
47	CCB	0.4603	310.02	-4.3750	8816.07	3.2897	373.72	0.0064	46.67	0.0005	225.67
48	IP220221-1MB ...	0.6488	420.03	0.2172	10657.28	-1.5696	318.58	0.0505	60.00	0.0030	263.67
49	IM220221-1LCS...	477.9261	174342.16	487.9531	120367.39	1046.7789	23489.95	196.4357	40791.50	9.4926	71034.76
50	IM220221-1LCS...	481.8174	185174.31	493.6695	128151.76	1014.6832	23996.78	194.6331	42586.15	9.4955	75265.23
51	2202184-1 10X	3316.6294	1273748.03	1339.6924	323342.98	45707.6665	1065125.51	64.5678	14170.01	8.6090	69347.67
52	2202184-1 100X	357.7102	129116.85	126.8193	39808.77	4758.2135	104375.94	7.4262	1573.48	0.8961	7032.84
53	2202184-2 10X	5852.2183	2186938.30	2181.9143	517430.92	3341.5514	76092.68	96.7524	20633.75	9.4885	75575.89
54	2202184-2 100X	620.5923	225974.82	217.4863	60612.29	321.3922	7437.76	9.9724	2120.25	0.9668	7668.80
55	2202184-3 10X	2383.1535	869461.03	842.0397	204605.91	18444.6266	408419.68	58.7420	12248.40	6.5995	51822.01
56	2202184-3 100X	233.7780	79860.25	72.1051	26181.53	1793.7071	37419.59	5.7602	1166.76	0.6386	4877.07
57	CCV	501.4388	184285.30	5010.1976	1152958.06	4939.3254	110342.80	298.2493	62385.18	9.6178	74247.36
58	CCB	0.1424	210.01	0.8291	10140.22	-11.1331	92.17	-0.1395	20.00	-0.0059	184.33
59	2202184-4 10X	4209.4055	1615922.27	2122.1213	521009.96	17723.8981	412979.56	66.2438	14526.95	7.9108	65902.35
60	2202184-4 100X	438.7456	154908.90	188.4654	54353.14	1708.2882	36886.68	8.0056	1660.85	0.7964	6208.85
61	2202184-5 10X	2452.6623	951379.65	557.8901	141642.24	23769.4662	559488.14	58.7433	13022.29	9.6131	79127.39
62	2202184-5 100X	236.5103	83120.03	42.6605	20493.38	2252.6502	48250.60	5.2685	1100.09	0.8975	7069.53

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	3246.8994	1236864.69	1351.6561	326984.27	25536.6116	590370.44	66.1409	14396.85	9.2953	75801.29
64	2202184-6 100X	329.5434	118029.91	122.3408	38418.99	2534.8029	55338.32	6.9118	1456.79	0.9175	7237.93
65	2202184-7 10X	831.5362	316372.29	857.0792	208558.96	49264.8324	1136560.38	39.3568	8569.30	13.2976	107219.62
66	2202184-7 100X	82.6830	30358.58	73.0457	27807.36	4812.6702	106911.14	3.9716	876.73	1.2830	10219.17
67	2202184-8 10X	1880.1126	718168.61	431.2433	111985.65	48389.5983	1121209.83	42.8549	9366.41	13.0977	111646.90
68	2202184-8 100X	187.4367	69588.91	32.2275	18554.44	4786.6289	107854.20	4.4918	1000.08	1.3287	10809.54
69	CCV	521.9197	200547.03	5129.4451	1262067.82	5065.6176	118294.73	302.7968	66200.46	9.8229	80518.32
70	CCB	0.0950	210.02	2.0872	10770.66	-11.0625	101.00	-0.0975	30.00	-0.0075	185.00
71	2202184-9 10X	2147.6432	862736.16	1480.9587	372252.55	18232.6612	444531.11	62.8518	14427.04	7.4256	63618.03
72	2202184-9 100X	208.5926	78698.50	132.9077	42889.61	1733.8271	39946.98	5.4788	1226.76	0.7032	5887.06
73	2202184-10 10X	1576.5286	631606.97	379.9518	104867.47	38720.0664	940994.68	33.5316	7698.82	11.2379	99320.07
74	2202184-10 100X	146.9849	57389.13	25.2356	17713.48	3521.9596	83585.61	3.0894	743.38	1.0229	8903.41
75	2202184-11 10X	2137.5280	855193.24	714.0772	185444.84	46507.8967	1128858.90	47.7233	10914.07	11.3826	98492.29
76	2202184-11 100X	211.9025	79818.11	59.3548	25249.98	4604.0838	105303.10	4.5208	1020.08	1.1306	9329.64
77	2202184-12 10X	2969.8389	1187490.97	718.8149	184630.50	40213.1276	975445.06	60.8107	13896.44	14.2121	122741.25
78	2202184-12 100X	303.8921	113725.27	58.6661	25363.72	4020.1563	91472.40	5.8418	1296.78	1.4061	11540.03
79	2202184-13 10X	4274.4235	1698981.54	1052.0414	265212.31	35220.3492	849526.82	59.7813	13579.57	19.4177	167673.53
80	2202184-13 100X	415.2086	156360.29	90.6802	32987.02	3378.2051	77426.36	5.6866	1270.11	1.8600	15190.29
81	CCV	515.9962	199417.60	5048.3987	1235776.96	5079.0507	119307.97	298.8377	65725.04	9.8272	80007.65
82	CCB	0.0665	206.68	-0.9897	10553.79	-10.3701	119.11	-0.1349	23.33	-0.0082	185.67
83	2202184-14 10X	4095.5154	1677581.85	1058.8003	267388.55	35075.5546	871770.29	57.3524	13429.33	19.8127	176222.35
84	2202184-14 100X	410.1648	155282.50	88.9327	32770.08	3436.4874	79177.16	5.7011	1280.11	1.9500	16169.55
85	2202184-15 10X	1959.8373	785112.49	1790.9028	449402.65	14359.1937	349218.99	77.8017	17796.99	8.0102	67765.21
86	2202184-15 100X	189.6129	67343.12	159.3158	46853.91	1350.3187	29339.21	7.4554	1553.49	0.7473	5871.06
87	2202184-16 10X	1370.2227	488204.20	1303.7297	297314.48	26293.6441	568413.94	68.8200	13999.85	6.4788	50177.66
88	2202184-16 100X	134.7033	45455.99	115.4459	34984.63	2504.7980	51399.60	6.8072	1350.11	0.6344	4766.37
89	2202184-17 10X	5122.8427	1853799.97	922.6831	213087.54	35634.2545	782324.14	58.8766	12178.34	18.0859	144253.31
90	2202184-17 100X	511.2808	173464.28	81.1365	28188.18	3469.9905	71669.61	5.5914	1130.09	1.8031	13452.48
91	2202184-18 10X	1512.4191	532383.25	868.8355	204120.80	16169.2952	345472.33	78.8730	15855.02	8.0757	61901.95
92	2202184-18 100X	153.4036	55092.00	78.7251	29102.95	1600.3823	35089.28	7.2175	1513.48	0.8050	6469.29
93	CCV	512.1523	182015.72	5072.7089	1143731.49	4996.3897	107916.97	302.3150	61154.47	9.8254	73488.45

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	0.0252	166.68	4.9198	10540.45	-11.0063	91.98	-0.1182	23.33	-0.0106	146.00
95	2202184-19 10X	3174.8818	1194807.56	917.5997	219009.09	34429.4344	786044.00	75.9220	16312.12	12.8074	101121.33
96	2202184-19 100X	312.6594	108737.97	76.5889	27540.46	3357.2480	71034.04	7.1925	1470.14	1.2419	9336.64
97	CCV	506.3501	182812.81	5091.7512	1165148.00	5084.7177	111583.03	297.0052	61037.21	9.9400	74821.46
98	CCB	0.1019	193.34	5.8338	10760.64	-9.3626	125.33	-0.0814	30.00	-0.0101	149.33
99	IP220218-3MB ...	10.5808	3573.88	5.2410	10753.94	0.9158	326.14	-0.0644	33.33	-0.0106	147.00
100	IM220218-3LCS...	498.0510	176184.00	513.9906	125353.77	1085.8964	23622.11	205.2596	41346.26	9.8609	73204.95
101	IM220218-3LCS...	506.6801	182066.79	520.7612	127415.03	1092.9537	24141.32	210.8430	43137.47	9.8230	73974.48
102	2202183-1 10X	19.4008	7398.72	1532.3387	370578.16	3242.7615	73505.34	-0.0726	36.67	0.0397	552.68
103	2202200-1 10X	0.5505	370.02	238.3848	63686.45	3407.6240	73370.04	-0.1617	16.67	0.6482	5033.78
104	2202201-1 10X	69.2808	24198.29	357.6414	89665.60	2674.1474	56572.09	-0.1268	23.33	-0.0080	178.67
105	2202202-1 10X	0.4374	320.02	257.1889	67106.09	3592.5662	75072.24	-0.0925	30.00	0.4990	3882.81
106	2202203-1 10X	0.7688	436.69	221.7600	59962.70	3511.6035	73829.78	-0.1275	23.33	0.8970	6767.07
107	2202251-1 10X	20.2974	7445.74	16602.8883	3683541.40	12390.2201	269327.21	0.3750	126.67	10.1848	76263.99
108	2202251-1 100X	2.6491	1096.86	1595.9997	369074.19	1183.6376	25349.64	-0.1274	23.33	0.9654	7400.00
109	CCV	513.2441	189876.87	5095.6400	1201158.42	5106.6974	114788.52	300.8191	63366.19	9.8785	76457.02
110	CCB	0.1938	226.69	2.4200	10380.31	-11.9700	75.59	-0.0859	30.00	-0.0097	157.67
111	2202302-1 10X	1.2846	650.04	168.0063	50634.97	535.4885	12203.75	-0.1662	16.67	-0.0092	181.00
112	2202303-1 10X	22.3591	8379.16	1354.5604	321777.42	21993.1900	489437.72	0.4746	150.01	3.3460	25941.90
113	2202303-2 10X	27.1228	9883.36	1334.8016	315005.28	21758.0256	472533.36	0.7373	200.01	3.2974	25346.35
114	CCV	511.9536	190704.43	5005.6978	1197846.94	5089.0329	115228.09	303.7446	64406.68	9.8029	77225.98
115	CCB	0.0223	173.34	1.9036	10397.01	-9.6725	123.52	0.1625	76.68	-0.0082	171.00
116	IP220214-2MB 5X	75.0691	27062.77	-3.7939	9319.66	-8.6647	153.88	-0.0012	50.00	0.0090	294.33
117	IM220214-2LCS...	954.9970	372736.82	1010.6594	246395.57	2062.5500	49173.98	395.0156	87783.72	19.4987	150167.68
118	2201396-2 5X	31.6523	12875.44	1507.0936	369405.04	11276.1314	274286.08	1.8884	486.69	1.9358	15406.83
119	2201396-3 5X	0.8759	540.03	1531.4602	369105.83	11539.6125	276124.30	-0.0825	36.67	1.4367	11388.94
120	2201396-5 5X	10.9697	4424.12	1074.7497	263444.78	7210.7349	169132.56	0.8469	240.01	3.5494	27670.68
121	2201396-6 5X	0.9634	556.70	1073.9006	261752.62	7289.9847	168998.52	-0.2003	10.00	3.4421	26704.42
122	2201396-7 5X	0.8243	496.69	1210.1149	292977.37	7650.7219	174787.19	-0.1372	23.33	3.5662	27459.98
123	2201396-8 5X	3.8955	1653.49	1215.0223	291747.93	7762.5370	177626.77	0.2671	110.01	3.8063	29009.63
124	2201396-10 5X	0.9262	540.03	1009.9357	242436.53	14028.5327	323514.34	-0.1688	16.67	1.3642	10677.12

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	0.3569	316.68	1003.9886	241766.62	14389.0836	324335.82	-0.1986	10.00	0.6285	5003.77
126	CCV	509.1429	187903.96	4955.4838	1186361.31	5039.3316	113068.37	296.7941	62355.06	9.7583	76729.01
127	CCB	0.0757	190.01	-3.3913	9516.49	-9.7590	120.82	0.2840	100.08	-0.0082	171.33
128	2201396-12 5X	1.0961	613.37	1000.4111	248069.68	14255.8646	333782.66	-0.1401	23.33	1.5759	12542.09
129	2201396-13 5X	0.7525	476.69	998.6048	245301.59	14347.6903	332841.18	0.0896	73.34	0.6161	5030.45
130	2202146-3 5X	10.6363	4234.07	1248.4944	300654.97	7786.8341	180162.02	0.0805	70.00	3.5661	27581.86
131	2202146-4 5X	1.1343	620.05	1244.7130	300996.59	7912.4796	182921.52	-0.0765	36.67	3.5322	27431.93
132	2202148-1 5X	2.6580	1186.76	1460.5512	351497.25	12396.5466	283351.31	0.0505	63.33	3.7567	29152.20
133	2202148-2 5X	0.7376	460.03	1436.1044	348386.87	12417.5673	281492.72	-0.0741	36.67	3.6931	28710.10
134	2202148-2L 25X	0.7946	460.03	275.8698	74203.04	2489.1862	54267.08	-0.1148	26.67	0.7319	5740.34
135	2202148-2MS 5X	953.7347	361069.73	2455.5969	579694.68	14385.6998	330522.40	396.3686	85438.71	23.0750	176868.32
136	2202148-2MSD...	959.8790	363936.49	2477.7909	583749.78	14465.2370	332846.09	392.7004	84767.74	22.9918	177926.74
137	2202148-2A 5X	485.7482	187595.88	3496.7937	827881.68	14428.6197	338039.49	278.9201	61298.28	13.2987	105735.89
138	CCV	525.9340	185264.77	4985.1522	1150541.54	5201.3582	111344.68	306.0723	61378.57	9.6391	74027.82
139	CCB	0.3912	296.78	-0.4291	10120.17	-7.0589	177.13	-0.2282	3.33	-0.0081	174.33
140	2202148-5 5X	3.1582	1383.46	1361.8610	331242.57	9946.3994	228445.46	0.2631	110.01	3.7359	29319.79
141	2202148-6 5X	0.9025	546.70	1348.6646	332954.11	9553.1689	226519.59	0.0392	63.33	3.7242	29566.62
142	2202148-7 5X	1.4195	740.05	1269.9515	313479.84	8401.1863	197249.82	-0.1546	20.00	3.4625	27510.74
143	2202148-8 5X	1.1853	650.04	1269.2174	309588.73	8201.4453	192565.60	-0.0786	36.67	3.4601	27143.50
144	CCV	514.3199	196317.69	4914.9552	1225704.70	5087.5278	118057.06	304.7122	66203.87	9.6479	79310.75
145	CCB	0.4269	330.02	-3.1621	10203.61	-10.2390	119.74	-0.2133	6.67	-0.0065	199.33
146	IP220207-2MB ...	0.4545	343.35	-1.1011	10773.96	0.8543	362.91	-0.1328	23.33	-0.0014	236.00
147	IM220207-2LCS...	493.7307	195387.53	477.5854	131674.87	1075.1841	26156.46	197.1018	44401.32	9.5721	79313.86
148	2202027-1 10X	2.7282	1290.11	122.0844	43524.72	3311.6488	80685.83	-0.1425	23.33	0.0052	316.33
149	2202027-1L 50X	1.0063	576.70	15.8925	15698.09	650.2154	15505.10	-0.1538	20.00	-0.0059	216.67
150	2202027-1MS 10X	489.9881	198842.55	617.2046	169572.43	4311.0472	106395.71	201.6819	46597.19	9.4790	80800.23
151	2202027-1MSD ...	495.7512	200645.47	617.4578	170204.01	4310.1327	106076.77	199.2773	45915.13	9.5341	81386.43
152	2202027-1A 10X	501.9288	199084.60	2084.4799	540316.83	5353.7831	129057.02	298.3405	67355.09	9.6190	81195.11
153	2202027-3 10X	8.9334	3370.50	123.8239	39384.43	2742.7564	59772.77	0.2258	96.67	0.0121	337.67
154	2202027-7 10X	8.9937	3350.50	109.8487	35572.59	4936.1901	106088.05	-0.0802	33.33	0.0080	300.00
155	2202027-10 10X	6.7198	2600.37	112.9741	36507.95	3519.3569	77235.49	-0.1162	26.67	0.0075	298.00

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	507.7310	189446.71	4964.6674	1190958.81	4961.3472	112525.74	296.9680	63068.25	9.7522	76322.36
157	CCB	0.4498	320.02	-3.0152	9466.36	-8.1741	155.24	-0.1077	26.67	-0.0079	174.00
158	2202027-15 10X	28.1004	10520.49	78.5510	29430.29	5075.5943	113593.60	-0.0863	33.33	0.0085	313.34
159	2202027-18 10X	10.1899	3887.34	93.4864	32833.58	4252.3637	94193.29	0.0601	63.33	0.0116	335.01
160	2202027-22 10X	1.7075	793.40	2089.8256	497577.37	3212.7139	70500.85	-0.0816	33.33	-0.0005	241.33
161	2202027-25 10X	7.1379	2750.36	111.0019	36247.20	4104.1004	90030.48	0.0797	66.67	0.0214	403.01
162	2202027-28 10X	1.6172	763.39	2108.7990	495439.40	5123.6755	112728.11	-0.1161	26.67	0.1773	1579.41
163	2202027-33 10X	2.1592	953.40	61.9837	24922.87	4278.2015	93610.25	-0.1809	13.33	0.0001	244.33
164	2202031-3 10X	6.9548	2747.03	519.8110	135922.39	7021.4071	157407.08	-0.0713	36.67	0.0244	442.01
165	2202031-7 10X	4.2679	1763.58	322.7980	87795.07	4856.4887	109643.43	0.0214	56.67	0.0663	775.02
166	2202031-12 10X	5.4890	2217.02	345.2055	93503.15	4748.3733	107024.38	-0.0729	36.67	0.0650	758.02
167	2202033-2 10X	23.7618	8989.50	242.7755	70078.66	4948.6594	111569.89	0.0389	60.00	0.0431	590.68
168	CCV	512.5498	197302.63	4975.8756	1242171.00	5139.5412	120259.55	300.9110	65929.44	9.6980	79781.51
169	CCB	0.6493	420.07	-5.4690	9783.37	-5.6138	225.41	-0.1018	30.00	-0.0094	179.33
170	2202033-6 10X	10.7042	4464.16	302.8298	88267.13	5203.9801	126243.12	0.1489	90.01	0.0638	793.02
171	2202033-10 10X	9.3988	3910.76	301.2070	86656.41	5219.4045	125567.57	0.1390	86.67	0.0627	782.02
172	2202033-14 10X	69.6511	27360.00	163.6269	53333.22	3753.8840	89215.06	1.1643	313.35	0.1737	1708.43
173	CCV	518.0987	203905.09	4801.7710	1241752.48	5173.0722	123757.32	299.6707	67143.55	9.7105	82261.53
174	CCB	1.1803	606.80	-4.3634	9853.37	-1.6392	310.29	-0.1649	16.67	-0.0087	182.67
175	RINSE	2.8928	1353.45	-2.5671	10653.84	11.9853	672.48	-0.0264	50.00	0.0168	385.68
176	RINSE	2.9908	1383.47	-0.9630	10824.03	8.6858	590.31	-0.0990	33.33	0.0134	357.01
177	RINSE	3.1118	1443.47	-0.5327	11067.44	4.8356	498.95	-0.0700	40.00	0.0170	384.68
178	RINSE	3.1961	1466.81	-0.6949	10890.69	5.4762	512.10	-0.0842	36.67	0.0162	377.34

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0865	1684.56	0.0233	600.02	0.8489	11045.57	0.0096	182.22	0.0129	111.11
2	RINSE	0.0697	1573.43	0.0264	628.91	0.7464	10330.93	0.0096	181.12	0.0271	166.67
3	RINSE	-0.0001	983.38	-0.0041	431.12	0.1626	5189.57	-0.0005	35.55	-0.0046	45.55
4	RINSE	-0.0066	925.59	0.0001	454.46	-0.0331	3467.21	-0.0003	38.89	-0.0027	52.22
5	RINSE	-0.0036	947.82	-0.0042	426.68	-0.0336	3450.53	0.0005	50.00	-0.0028	52.22
6	BLANK	0.0000	995.60	0.0000	461.13	0.0000	3807.36	0.0000	43.33	0.0000	63.34
7	H/1000	0.4770	5079.74	0.2063	1813.46	5.7836	55942.90	0.1036	1492.31	0.5075	2054.61
8	H/100	4.9208	44488.80	1.8832	13168.78	50.4763	475515.83	1.0285	15525.29	5.1023	20850.17
9	H/10	50.8071	453698.33	19.4638	132747.03	502.8645	4745975.55	10.3751	162239.47	51.9021	213494.87
10	HIGH	499.9201	4332345.10	200.0548	1322363.63	4999.7080	45855380.98	99.9622	1588128.96	499.8088	1999074.64
11	RINSE	0.0920	1833.46	0.0335	703.36	0.9233	12398.60	0.0104	202.23	0.0123	115.56
12	BLANK	-0.0253	854.48	-0.0068	453.35	0.4791	8606.07	-0.0003	42.22	-0.0021	60.00
13	ICV	102.6924	932814.96	37.7584	261788.13	964.3204	9265145.28	20.6980	328479.68	99.5266	416882.40
14	ICB	-0.0053	1000.05	-0.0112	410.01	0.4855	8435.83	0.0005	53.33	0.0014	72.23
15	LIV	1.0074	10060.97	0.4683	3686.02	10.6895	104986.25	0.5428	8327.78	2.0735	8600.13
16	ICSA	0.2157	3097.00	1.5160	11139.46	23641.2696	2.29968E+08	0.0537	913.37	0.0391	236.67
17	ICSAB	52.3806	484119.84	21.6724	152929.79	24561.3972	2.39742E+08	10.3461	171335.15	52.3428	222854.10
18	CCV	51.0650	508571.98	19.5631	148799.66	501.0553	5275688.15	10.2883	181960.18	51.9595	238434.68
19	CCB	0.0053	1122.28	-0.0037	473.35	0.6777	10477.13	-0.0010	33.33	-0.0016	62.22
20	IP220110-2MB ...	0.0082	1171.17	-0.0019	493.35	0.4595	8599.33	0.0002	52.22	-0.0007	67.78
21	IM220110-2RVS...	0.5033	5462.09	0.2159	1931.25	5.1747	51963.66	0.2545	3921.64	1.0108	4148.36
22	IM220110-1RVS...	0.5013	6075.65	0.2284	2249.07	5.1750	58080.56	0.2483	4221.71	1.0069	4616.27
23	IM220110-1LCS...	51.4495	507902.77	9.7013	73422.63	479.0011	4997935.76	10.3277	178658.22	52.9999	241013.65
24	IM220110-1LCS...	51.5832	514255.03	9.8240	75078.79	481.3159	5071831.38	10.3686	180703.77	53.3751	245121.04
25	CCV	50.2338	525008.05	19.3579	154507.31	494.6420	5462447.21	10.4518	189221.99	51.3550	247225.44
26	CCB	-0.0057	1123.39	-0.0047	511.13	0.5745	10428.21	0.0012	71.11	0.0004	76.67
27	IP220110-3MB ...	0.0116	1297.85	-0.0119	460.01	0.1048	5614.55	0.0004	58.89	0.0037	92.22
28	IM220110-5RVS...	0.5097	6312.39	0.2103	2166.85	5.0664	58291.49	0.2549	4445.12	1.0072	4728.53
29	IM220110-4RVS...	0.4966	6057.87	0.2133	2146.84	5.3899	60543.08	0.2556	4325.08	1.0010	4607.38
30	IM220110-3LCS...	51.5559	515926.25	9.7498	74798.96	477.5913	5051807.32	10.5871	181581.00	52.7365	243109.95
31	IM220110-3LCS...	51.7793	533477.72	9.9373	78479.78	485.7727	5289972.84	10.4889	188465.31	53.0737	251885.96

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	50.7100	518898.80	19.5380	152663.08	503.2356	5443028.25	10.2637	185275.20	51.7406	243901.11
33	CCB	0.0017	986.71	0.0001	451.13	0.6936	9613.42	0.0003	47.78	0.0045	78.89
34	IP220110-4MB ...	0.0415	1353.41	-0.0081	415.57	0.1559	5227.77	-0.0004	38.89	0.0123	111.13
35	IM220110-8RVS...	0.5115	5415.40	0.2148	1883.47	5.0387	49626.34	0.2578	3871.62	1.0073	4047.23
36	IM220110-7RVS...	0.5308	5850.00	0.2111	1947.92	5.2515	54033.25	0.2575	4029.44	1.0312	4340.63
37	IM220110-4LCS...	51.5842	524721.32	9.7196	75798.40	476.2815	5120445.55	10.4710	185395.77	53.1724	249129.17
38	IM220110-4LCS...	51.0756	509398.52	9.6957	74144.72	474.8946	5006296.59	10.2901	179510.59	52.3459	240513.60
39	CCV	50.1214	481572.34	19.2339	141154.08	494.1808	5018031.39	10.3780	174034.85	51.5107	227979.97
40	CCB	-0.0064	1001.16	-0.0058	451.13	0.5422	9046.21	-0.0004	41.11	-0.0016	61.11
41	IP220110-5MB ...	0.0617	1592.32	-0.0182	367.79	0.1240	5177.76	0.0007	56.67	0.0128	118.90
42	IM220110-11RV...	0.5071	5434.30	0.2320	2015.71	5.3745	53210.68	0.2517	3779.37	1.0555	4281.73
43	IM220110-10RV...	0.5215	5639.93	0.2325	2049.04	5.1407	51826.69	0.2590	3914.97	1.0417	4287.32
44	IM220110-5LCS...	49.2572	482398.85	9.2980	69848.92	457.5959	4736387.85	10.2473	169720.86	50.4715	227679.98
45	IM220110-5LCS...	50.6269	481741.04	9.5945	69995.54	470.7798	4734826.60	10.3212	169416.67	51.9491	227700.57
46	CCV	49.9499	474002.80	19.1870	139062.39	493.4542	4948785.14	10.2812	170992.95	51.2529	224029.96
47	CCB	-0.0110	954.49	-0.0040	460.01	0.5243	8826.07	-0.0003	42.22	0.0005	68.89
48	IP220221-1MB ...	0.2804	3789.13	0.0467	867.82	1.8813	23197.32	0.0006	60.00	0.0156	143.33
49	IM220221-1LCS...	51.2007	478233.07	9.7680	69950.22	479.4735	4733705.45	10.4039	168597.19	52.5463	226093.74
50	IM220221-1LCS...	50.9675	501525.47	9.6426	72760.28	473.6658	4926707.64	10.2578	175975.75	52.4848	237864.23
51	2202184-1 10X	9.3039	90962.75	173.2098	1275471.27	5355.6159	54714912.52	2.5591	44668.52	7.3719	32916.58
52	2202184-1 100X	0.9801	10466.76	17.6577	128531.60	562.1407	5659710.54	0.2719	4525.13	0.7996	3581.57
53	2202184-2 10X	9.1884	89434.82	397.8571	2915285.16	9178.6976	93342478.61	3.8988	67278.06	10.0313	44556.09
54	2202184-2 100X	0.9208	9890.88	41.2380	299261.92	941.8065	9470253.19	0.4008	6729.25	1.0180	4536.25
55	2202184-3 10X	5.3171	51814.26	2850.1352	20709731.95	21869.1914	2.20542E+08	2.7168	46169.05	5.8509	25806.03
56	2202184-3 100X	0.5265	5915.59	277.5449	1934211.87	2135.9720	20657501.78	0.2728	4358.42	0.5982	2592.47
57	CCV	50.3203	475827.64	19.2755	139207.83	491.5622	4912784.61	10.0795	168512.34	51.1410	222765.36
58	CCB	-0.0126	963.38	-0.0076	446.68	0.1967	5958.18	0.0019	75.56	0.0014	74.44
59	2202184-4 10X	7.3757	74520.60	2075.8422	15735439.38	26838.2448	2.82419E+08	3.3825	61007.73	8.3634	38445.05
60	2202184-4 100X	0.7291	8139.88	207.6525	1516397.20	2598.1796	26327767.94	0.3476	5706.62	0.8262	3724.91
61	2202184-5 10X	7.7052	75884.14	4996.3695	36947454.09	43814.2347	4.49672E+08	4.1285	73623.69	9.3092	41738.71
62	2202184-5 100X	1.5532	15863.91	466.0501	3381748.34	3950.2786	39781951.07	0.3928	6534.73	0.8970	4011.65

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	7.0848	69724.04	677.8284	5002704.25	30217.1124	3.09486E+08	3.0032	53067.62	7.8505	35137.69
64	2202184-6 100X	0.6698	7448.44	67.4806	485132.97	2942.7970	29335632.06	0.3038	5081.97	0.7784	3455.98
65	2202184-7 10X	9.5924	92760.64	725.4871	5284551.18	61859.1546	6.25318E+08	0.4731	8321.10	2.5484	11309.58
66	2202184-7 100X	0.8973	9805.25	71.0926	522495.13	5890.0944	60025164.11	0.0479	861.15	0.2364	1124.50
67	2202184-8 10X	7.4439	73368.45	4011.2556	29672091.04	47112.5960	4.83662E+08	2.9324	54221.41	12.7664	57224.85
68	2202184-8 100X	0.6912	7924.22	398.0082	2961426.83	4558.9290	47078844.30	0.3022	5267.58	1.2418	5667.72
69	CCV	50.7282	512962.98	19.4398	150131.20	498.6257	5328793.26	10.2000	181079.16	51.0305	237701.90
70	CCB	-0.0133	990.05	0.0012	523.35	0.5155	9256.37	0.0003	54.45	0.0043	88.89
71	2202184-9 10X	9.0753	92737.98	1665.7251	12810471.99	67990.6550	7.25699E+08	2.9035	53854.76	7.4224	34625.45
72	2202184-9 100X	0.8588	9695.20	162.4607	1226186.55	6380.0028	66806759.00	0.2765	4860.79	0.7131	3331.50
73	2202184-10 10X	6.2795	65160.45	3411.5669	26478994.50	42244.8647	4.55208E+08	2.6335	50465.39	10.9573	51559.90
74	2202184-10 100X	0.5439	6815.96	319.5823	2498909.97	3786.2501	41085856.05	0.2725	5048.61	0.9859	4751.87
75	2202184-11 10X	12.2489	124773.96	5112.7984	39337990.66	60199.0738	6.42794E+08	3.0830	57868.52	10.6244	49554.93
76	2202184-11 100X	1.1368	12419.24	505.3268	3805704.57	5896.2529	61624942.42	0.3203	5637.72	1.0186	4718.53
77	2202184-12 10X	9.3278	94314.67	5474.4256	41674960.57	52735.0226	5.57155E+08	4.2550	79703.09	14.8018	68274.55
78	2202184-12 100X	0.9170	10363.42	538.5421	4100297.34	5075.4479	53627667.54	0.4409	7737.49	1.4384	6703.68
79	2202184-13 10X	13.2364	133430.96	6530.7287	49753250.24	59912.8415	6.33515E+08	4.3977	82409.28	16.5389	76336.30
80	2202184-13 100X	1.2450	13595.72	618.4506	4694224.81	5561.1749	58583622.46	0.4394	7716.35	1.5963	7408.43
81	CCV	50.7859	510843.07	19.4013	149050.46	500.2136	5317890.34	10.3654	182760.24	51.6570	239365.09
82	CCB	-0.0174	996.72	0.0383	822.27	0.7195	11806.15	0.0012	72.22	0.0030	87.78
83	2202184-14 10X	13.6487	137825.14	7014.1066	53543545.65	63899.9917	6.76975E+08	4.3756	84465.53	17.4199	80554.96
84	2202184-14 100X	1.2299	13529.02	668.5476	5106198.55	5964.7987	63223117.39	0.4474	7980.93	1.6663	7779.73
85	2202184-15 10X	6.9289	71340.39	313.3352	2418805.11	48475.9785	5.19221E+08	3.1358	57443.45	8.9103	41698.58
86	2202184-15 100X	0.6227	7011.58	29.4963	212489.13	4508.5061	44971184.33	0.2922	4829.68	0.8005	3558.22
87	2202184-16 10X	12.1859	112138.11	161.3286	1121531.35	51534.9100	4.97025E+08	1.1284	18942.21	4.6338	19558.48
88	2202184-16 100X	1.1143	11044.96	15.4258	105664.50	4907.3669	46430179.31	0.1148	1831.24	0.4535	1941.25
89	2202184-17 10X	16.0505	147107.46	7108.4565	49318612.48	67316.2167	6.48187E+08	5.1361	88882.14	16.2595	68343.54
90	2202184-17 100X	1.4697	14541.04	676.9625	4719344.54	6368.7191	61616524.08	0.5136	8225.49	1.5070	6428.01
91	2202184-18 10X	13.9682	129993.25	517.6892	3643355.13	60218.3926	5.88083E+08	2.6051	43250.32	9.7660	41661.65
92	2202184-18 100X	1.3407	14090.62	52.5283	386596.63	5992.9252	61149049.09	0.2629	4466.25	0.9561	4336.19
93	CCV	50.5519	468381.66	19.2782	136420.49	500.1546	4897855.35	10.3443	167556.35	51.1664	218375.24

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	-0.0241	824.48	0.0464	776.70	0.9535	12501.63	0.0003	50.00	-0.0009	62.23
95	2202184-19 10X	16.2814	154165.38	923.4060	6619586.54	49319.6027	4.90671E+08	6.5526	112156.58	17.9127	77775.08
96	2202184-19 100X	1.4619	14658.87	88.5102	625565.62	4690.6253	45976127.65	0.6547	10471.27	1.6711	7213.90
97	CCV	50.3194	473182.07	19.3585	139028.57	497.3629	4942895.86	10.3825	169248.43	51.3902	222603.26
98	CCB	-0.0171	885.59	0.0801	997.83	0.7215	10447.20	0.0001	47.78	0.0036	80.00
99	IP220218-3MB ...	0.0083	1114.50	0.0803	1010.06	2.3863	25726.82	-0.0001	44.45	0.0034	80.00
100	IM220218-3LCS...	52.0346	482695.57	9.8158	69800.34	489.5791	4800338.78	10.6294	170888.96	53.5553	228835.17
101	IM220218-3LCS...	53.0543	494112.51	10.0618	71837.01	497.2246	4894903.05	10.6568	173819.11	54.4719	233718.00
102	2202183-1 10X	0.1053	2199.07	1.7497	13503.44	13.2920	141128.48	0.0409	733.36	0.2125	1027.83
103	2202200-1 10X	-0.0025	1097.83	0.0672	993.38	0.8626	12732.17	0.0025	90.00	0.0121	123.34
104	2202201-1 10X	-0.0015	1098.95	3.1074	22275.29	4.0768	43880.23	0.0006	58.89	-0.0023	61.11
105	2202202-1 10X	0.0434	1504.73	0.0661	974.49	0.7769	11757.81	0.0011	67.78	0.0251	176.67
106	2202203-1 10X	0.0081	1195.62	2.2740	16560.72	137.3460	1349077.53	0.0246	437.79	0.0538	301.12
107	2202251-1 10X	0.1691	2656.93	2.3334	16803.20	278.7856	2705339.96	0.0299	535.57	9.9707	42198.68
108	2202251-1 100X	-0.0039	1090.05	0.2772	2486.89	27.0622	270616.36	0.0043	120.00	0.9616	4198.37
109	CCV	50.3462	487748.31	19.3405	143098.87	498.3285	5102509.20	10.3719	173850.49	50.9685	227456.05
110	CCB	-0.0214	875.59	0.0425	777.81	0.4414	8169.44	0.0008	58.89	0.0016	74.44
111	2202302-1 10X	0.1317	2470.23	1.4695	11495.27	20.1778	213141.41	0.0031	105.56	0.0910	485.57
112	2202303-1 10X	1.6898	17208.03	2.9962	22246.30	55.4124	561725.60	0.0530	936.71	0.3764	1724.56
113	2202303-2 10X	1.6197	16425.03	3.4411	25290.78	62.4534	628100.46	0.0574	1001.16	0.4086	1852.35
114	CCV	49.9207	490897.32	19.2383	144479.60	494.6095	5140692.63	10.2324	174581.29	50.4086	228340.74
115	CCB	-0.0160	935.60	0.0265	678.91	0.3784	7685.69	0.0003	52.22	-0.0013	63.33
116	IP220214-2MB 5X	0.0470	1520.09	0.0555	890.04	7.8126	78944.42	0.0020	80.00	0.0112	116.67
117	IM220214-2LCS...	103.4734	998892.11	19.5788	144528.65	951.2949	9713824.23	21.1343	353031.03	105.7384	470703.25
118	2201396-2 5X	41.4801	409274.29	11.4508	86469.03	364.3939	3798844.94	0.2989	5136.44	18.2956	83160.36
119	2201396-3 5X	1.0832	11655.35	9.3152	69299.15	18.9868	198982.00	0.1195	2065.72	6.4747	28998.03
120	2201396-5 5X	2.5821	26277.78	0.4939	4209.49	29.2944	305947.46	0.0320	590.02	1.0934	4981.94
121	2201396-6 5X	1.1446	12234.68	0.1273	1481.20	3.9558	44953.10	0.0294	542.24	0.4667	2156.84
122	2201396-7 5X	1.3513	14204.06	0.1820	1880.13	6.2155	67934.54	0.0423	752.25	0.7979	3627.13
123	2201396-8 5X	13.5589	130891.59	0.9477	7453.98	59.7648	609761.41	0.1031	1743.45	4.5677	20248.22
124	2201396-10 5X	167.9977	1596309.28	22.8374	165915.89	789.9723	7944181.55	1.6545	27530.96	85.3671	374219.86

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	8.6390	83408.06	7.2724	53347.31	21.6389	222496.23	0.0971	1647.88	3.3705	14886.92
126	CCV	49.3233	485201.56	18.9205	142148.23	486.7798	5060453.26	10.1133	172219.61	50.1989	227460.35
127	CCB	-0.0234	893.37	-0.0100	443.35	0.2886	7028.55	0.0012	66.67	0.0014	76.67
128	2201396-12 5X	213.6720	2095888.60	26.5298	198908.79	978.1765	10155160.06	2.2204	37656.62	110.2198	498846.04
129	2201396-13 5X	8.8254	86882.25	7.2678	54375.05	23.3045	244079.66	0.0933	1625.66	3.3491	15089.33
130	2202146-3 5X	11.3908	110563.67	0.9788	7708.60	46.1287	473433.95	0.0982	1686.78	5.3465	23775.15
131	2202146-4 5X	0.8111	8991.47	0.1349	1533.43	4.5324	50733.23	0.0200	386.68	0.6760	3083.68
132	2202148-1 5X	2.8964	29124.75	0.3102	2825.84	17.5082	183326.95	0.0286	531.13	1.0819	4891.91
133	2202148-2 5X	1.3064	13878.24	0.0728	1085.61	5.9713	65957.77	0.0181	355.56	0.3757	1761.23
134	2202148-2L 25X	0.2381	3423.80	0.0049	570.02	1.1743	16258.78	0.0034	106.67	0.0693	378.90
135	2202148-2MS 5X	103.3551	991843.88	19.2858	141526.76	936.1534	9502359.44	20.5741	342128.66	103.2468	456880.21
136	2202148-2MSD...	103.6733	993066.87	19.4745	142641.51	940.1212	9525169.65	20.4410	343189.53	103.6282	457728.20
137	2202148-2A 5X	51.3551	497529.55	19.2574	142474.29	493.5423	5053355.03	9.9696	171806.58	50.2210	224088.27
138	CCV	49.9164	473342.48	19.1143	138439.82	490.2412	4913347.74	10.1338	168529.66	50.2934	219676.92
139	CCB	-0.0206	914.48	0.0037	536.69	0.3428	7515.74	0.0008	61.11	0.0045	88.89
140	2202148-5 5X	2.2083	22667.97	0.2250	2216.85	14.8023	156965.78	0.0210	407.79	0.9185	4201.71
141	2202148-6 5X	0.7371	8474.49	0.0594	1001.16	3.4560	40694.82	0.0160	326.67	0.2911	1403.41
142	2202148-7 5X	0.7925	9001.49	0.1140	1410.09	4.7468	54073.46	0.0058	153.34	0.2341	1141.17
143	2202148-8 5X	0.6476	7486.23	0.0181	681.13	0.9891	14703.83	0.0078	184.45	0.1914	935.60
144	CCV	49.3384	505508.45	19.0898	149380.85	488.8667	5293487.63	10.1527	180738.72	49.8627	235318.89
145	CCB	-0.0141	1042.27	0.0145	655.58	0.4128	8777.57	0.0011	71.11	0.0021	84.45
146	IP220207-2MB ...	-0.0086	1105.61	0.0184	690.02	0.4061	8776.08	0.0006	61.11	0.0073	108.89
147	IM220207-2LCS...	50.7632	528942.60	9.4866	75795.69	469.9090	5175211.07	10.3237	185239.23	51.9595	249393.78
148	2202027-1 10X	0.0192	1500.09	30.5329	249386.55	14.7698	171976.11	0.0257	526.68	0.0401	280.00
149	2202027-1L 50X	-0.0059	1200.06	6.2169	49965.66	3.1510	39559.80	0.0044	133.34	0.0392	268.90
150	2202027-1MS 10X	50.8191	538468.02	39.8637	321970.58	481.1766	5388660.75	10.2451	189133.56	51.6746	252223.28
151	2202027-1MSD ...	51.0540	542762.41	40.5618	328705.66	489.5051	5500485.54	10.3175	190706.31	52.1034	255180.04
152	2202027-1A 10X	49.1263	516588.96	50.2170	402351.14	494.2368	5492526.38	10.1737	185974.60	49.8519	241465.28
153	2202027-3 10X	0.0144	1301.18	6.2534	46206.02	17.3418	180238.21	0.0132	270.01	0.0722	393.34
154	2202027-7 10X	0.0206	1334.52	1.2733	9671.83	9.8742	102768.59	0.0093	200.00	0.0809	424.46
155	2202027-10 10X	0.0915	2014.60	3.5616	26265.57	16.5824	170689.46	0.0097	208.90	0.0430	261.12

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	49.0461	483443.02	18.7635	141265.21	485.7314	5059890.03	10.1844	172616.55	49.9958	226993.83
157	CCB	-0.0125	980.04	0.0286	702.25	1.8519	21725.86	-0.0004	42.22	0.0001	70.00
158	2202027-15 10X	0.0244	1417.86	18.1989	135714.32	12.5203	133586.82	0.0272	505.57	0.0641	363.35
159	2202027-18 10X	0.0114	1286.73	3.1285	23702.77	13.3796	141943.45	0.0105	224.45	0.0676	377.79
160	2202027-22 10X	0.0104	1267.85	0.0773	1108.95	5.5621	61199.14	0.0063	154.45	0.0880	465.58
161	2202027-25 10X	0.2424	3462.63	0.5461	4500.68	7.4942	79959.38	0.0049	131.11	0.0437	265.56
162	2202027-28 10X	0.0017	1168.95	0.0226	697.80	0.9588	14054.48	0.0066	158.89	0.0298	204.45
163	2202027-33 10X	-0.0009	1144.50	8.6510	63265.57	8.9214	94186.74	0.0430	754.47	0.5159	2337.98
164	2202031-3 10X	0.0511	1711.23	2.3175	18109.01	9.0465	99688.69	0.0071	173.34	0.0509	310.01
165	2202031-7 10X	0.0176	1364.52	2.1261	16502.84	7.3509	81093.11	0.0059	153.33	0.0288	206.67
166	2202031-12 10X	0.0124	1318.96	1.3973	11080.56	7.1516	79346.91	0.0050	137.78	0.0439	276.67
167	2202033-2 10X	0.0581	1796.79	8.8930	68535.60	29.8650	321482.21	0.0126	267.78	0.0423	273.34
168	CCV	49.4597	507355.33	19.1883	150322.06	492.3550	5337566.59	10.0829	179611.74	50.1658	237031.98
169	CCB	-0.0034	1162.28	0.0375	836.70	0.6516	11387.76	0.0002	56.67	0.0042	95.56
170	2202033-6 10X	0.0973	2284.64	7.6322	61440.89	24.1998	272647.67	0.0125	280.01	0.0381	264.45
171	2202033-10 10X	0.0719	1991.27	6.9212	55014.01	21.1066	235160.77	0.0133	294.45	0.0390	265.56
172	2202033-14 10X	0.0888	2205.73	50.2408	403048.18	142.0544	1584177.22	0.0813	1520.09	0.1276	700.03
173	CCV	49.0022	520534.04	19.0734	154743.95	488.9332	5488914.71	10.1517	186248.18	50.2820	246028.02
174	CCB	-0.0101	1075.61	0.0537	940.04	0.8029	12715.82	0.0004	58.89	0.0069	105.56
175	RINSE	0.0666	1885.69	0.0965	1302.29	2.5270	31496.69	0.0082	192.23	0.0152	147.78
176	RINSE	0.0692	1873.47	0.0899	1227.84	2.6134	31799.20	0.0101	224.45	0.0165	151.11
177	RINSE	0.0698	1904.58	0.1121	1412.31	2.6672	32741.08	0.0073	176.67	0.0209	173.34
178	RINSE	0.0636	1819.02	0.1047	1338.97	2.6727	32407.00	0.0070	170.00	0.0200	166.67

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.2652	5245.36	0.6254	1540.14	0.0212	28.00	0.0011	1.73	0.0237	193.34
2	RINSE	0.2179	4847.45	0.5047	1306.78	0.0179	24.33	-0.0019	1.33	0.0233	190.01
3	RINSE	0.0710	3345.95	0.0057	273.35	0.0018	7.67	0.0031	2.00	0.0054	73.33
4	RINSE	0.0341	2975.87	0.0236	306.68	0.0028	8.33	-0.0047	0.93	0.0022	53.33
5	RINSE	0.0164	2860.29	0.0095	283.35	0.0019	7.67	-0.0027	1.20	0.0055	73.33
6	BLANK	0.0000	2733.60	0.0000	266.68	0.0000	6.33	0.0000	1.60	0.0000	40.00
7	H/1000	1.0800	13148.73	8.0646	16869.41	0.1215	108.00	0.1134	18.00	0.1360	893.40
8	H/100	10.2215	107092.11	20.9660	45996.11	1.0379	933.70	1.0769	163.33	0.9801	6651.67
9	H/10	101.1370	1058828.74	209.0128	467098.99	10.5693	9715.58	10.4942	1591.81	9.9633	69815.85
10	HIGH	999.8840	9654152.67	1999.0830	4128489.94	99.9427	95681.92	99.9498	14729.31	100.0038	711979.39
11	RINSE	0.1023	3823.83	0.4582	1240.11	0.0209	29.33	0.0131	3.60	0.0230	196.68
12	BLANK	-0.0533	2401.32	0.0509	400.03	0.0019	8.33	-0.0006	1.60	0.0060	86.67
13	ICV	209.5640	2191553.46	413.3722	923855.87	20.7430	19028.10	19.9874	3086.16	19.7855	140696.71
14	ICB	-0.0468	2411.33	0.0472	383.36	0.0047	10.67	0.0140	3.73	0.0058	80.00
15	LIV	2.0364	23999.98	10.7929	24125.41	0.2379	219.67	0.9885	151.47	0.5290	3657.26
16	ICSA	-0.1014	1951.26	0.1779	696.72	0.0152	21.67	0.0286	6.27	0.2974	2186.91
17	ICSAB	103.2019	1083062.18	209.9250	470316.80	10.6415	10437.03	10.3598	1626.35	10.2961	76406.51
18	CCV	104.2566	1179213.91	216.1058	521716.73	10.4018	10760.58	10.4995	1776.10	9.9616	78932.72
19	CCB	-0.0986	1914.59	0.0725	443.36	0.0044	10.67	-0.0009	1.60	0.0053	80.00
20	IP220110-2MB ...	-0.0503	2456.88	0.2971	960.07	0.0027	9.33	-0.0048	1.07	0.0106	120.01
21	IM220110-2RVS...	0.9543	12518.24	5.7237	12635.44	0.1206	113.00	0.4511	68.80	0.2454	1716.84
22	IM220110-1RVS...	0.9683	13805.99	5.3811	12982.42	0.1001	105.67	0.4834	82.40	0.2522	1956.89
23	IM220110-1LCS...	105.6841	1198160.05	214.9170	520198.38	10.4399	10554.44	10.4496	1752.23	10.0884	78211.30
24	IM220110-1LCS...	107.1059	1221187.62	216.0719	525942.36	10.5359	10805.94	10.4930	1777.03	10.1641	79377.15
25	CCV	103.6402	1224086.65	211.8626	534191.22	10.4114	11182.19	10.1570	1803.17	10.1301	82208.72
26	CCB	-0.0875	2215.73	0.1322	626.70	0.0023	9.67	0.0079	3.20	0.0083	110.00
27	IP220110-3MB ...	-0.0627	2456.89	0.0154	343.35	0.0014	9.00	0.0022	2.27	0.0048	83.34
28	IM220110-5RVS...	0.9332	13851.56	5.2621	13102.54	0.1117	123.67	0.4429	77.33	0.2626	2076.91
29	IM220110-4RVS...	0.9591	13825.99	5.1868	12632.14	0.1042	113.67	0.5229	89.20	0.2675	2050.22
30	IM220110-3LCS...	106.6215	1211534.02	217.0207	526448.41	10.1975	10731.89	10.5048	1785.70	10.1829	78261.89
31	IM220110-3LCS...	108.9251	1259556.58	221.7021	547337.12	10.3552	11295.27	10.6928	1871.31	10.2238	82315.65

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	103.2032	1209707.49	212.8626	532613.05	10.4166	11110.82	10.5246	1828.91	9.8695	79832.67
33	CCB	-0.0951	1744.57	0.1525	553.37	-0.0027	4.00	0.0120	3.20	0.0102	103.34
34	IP220110-4MB ...	-0.1050	1742.34	0.0038	276.68	-0.0033	3.67	-0.0001	1.60	0.0091	100.00
35	IM220110-8RVS...	0.9116	11849.99	4.8422	10523.81	0.1073	104.33	0.5314	79.07	0.2433	1660.17
36	IM220110-7RVS...	0.9087	12390.38	4.8896	11134.23	0.0950	97.67	0.4902	76.53	0.2284	1626.82
37	IM220110-4LCS...	106.5590	1234335.89	212.0196	524393.65	10.2168	10837.30	10.0422	1736.76	10.0370	79673.17
38	IM220110-4LCS...	106.2014	1205782.49	209.6729	508220.67	10.1721	10472.72	9.8533	1669.95	9.9785	78003.69
39	CCV	101.0134	1122492.94	207.9304	493234.15	10.5794	10462.71	10.3921	1695.82	9.9710	74925.86
40	CCB	-0.1119	1730.12	0.1613	620.04	0.0016	8.00	-0.0033	1.20	0.0080	96.67
41	IP220110-5MB ...	-0.0940	1910.14	0.0168	313.35	-0.0024	4.67	0.0003	1.73	0.0102	110.00
42	IM220110-11RV...	0.9620	12383.74	5.3424	11621.40	0.1160	109.33	0.5610	84.27	0.2986	2026.88
43	IM220110-10RV...	0.9108	11961.16	5.4161	11854.81	0.0990	98.33	0.5512	84.00	0.2537	1740.18
44	IM220110-5LCS...	102.3435	1137337.00	206.6480	490338.04	9.7705	9947.07	9.7692	1624.75	10.1557	75351.41
45	IM220110-5LCS...	105.7163	1139914.95	213.0441	490452.86	10.1106	10217.56	9.9889	1614.61	10.0286	73754.08
46	CCV	101.4147	1109580.27	209.8822	490167.30	10.3418	10251.91	10.4478	1684.09	10.0945	75238.13
47	CCB	-0.1220	1654.56	0.2499	820.06	0.0012	7.67	0.0040	2.27	0.0100	110.01
48	IP220221-1MB ...	-0.1004	2025.71	0.3737	1176.77	0.0040	11.33	0.0103	3.60	0.0179	176.68
49	IM220221-1LCS...	106.2631	1123429.50	214.3423	483777.35	10.1386	9988.09	10.1750	1614.61	9.9364	72157.08
50	IM220221-1LCS...	104.7220	1189908.01	210.4414	510397.49	10.1517	10535.10	10.2810	1718.23	10.0120	76999.34
51	2202184-1 10X	15.5785	173062.43	48.0326	112395.85	7.6688	7963.63	0.5490	92.00	125.5414	980417.09
52	2202184-1 100X	1.6470	20827.81	5.2562	12415.22	0.8395	824.69	0.0545	10.67	13.2875	97986.16
53	2202184-2 10X	28.4595	316490.61	247.6528	583595.42	69.9376	70606.38	0.7771	128.80	20.3479	157214.49
54	2202184-2 100X	2.8745	35019.86	25.5600	60891.46	7.3438	7219.30	0.0919	16.67	2.0772	15578.24
55	2202184-3 10X	168.3232	1915364.23	1816.8848	4416008.27	612.1571	603194.35	1.1783	192.80	21.9512	166958.33
56	2202184-3 100X	17.0549	181712.06	190.1237	426492.97	60.9282	56142.47	0.1110	19.07	2.1627	15341.24
57	CCV	101.8582	1099716.38	211.2392	486831.28	10.4101	10332.63	10.5190	1689.56	9.8090	73478.88
58	CCB	-0.1139	1733.45	0.1049	506.70	0.0090	14.67	-0.0017	1.47	-0.0001	43.33
59	2202184-4 10X	100.9440	1166051.66	2169.2064	5346154.92	927.0731	961163.75	1.5705	267.60	35.8265	289287.73
60	2202184-4 100X	10.0463	110687.99	228.9601	525003.87	94.0599	89616.90	0.1621	28.27	3.6316	26526.46
61	2202184-5 10X	238.6138	2799781.28	4618.5799	11579506.91	1329.7298	1392929.92	2.1823	361.74	19.8019	158117.66
62	2202184-5 100X	23.3222	258907.98	474.5388	1113620.27	131.3006	124396.88	0.1996	34.13	1.8696	13876.64

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	174.6717	1975886.45	2048.1473	4948767.01	1435.8697	1477547.66	1.8454	305.60	49.4762	391285.18
64	2202184-6 100X	17.5866	194645.28	217.1459	506257.25	144.9340	140044.67	0.1801	30.67	4.8087	35714.20
65	2202184-7 10X	122.3293	1454377.55	982.3093	2493038.04	4048.3652	4158496.25	5.1833	843.75	38.0608	297987.06
66	2202184-7 100X	13.0611	146732.56	108.3731	255161.49	409.7286	404026.60	0.5580	93.20	3.8497	29154.22
67	2202184-8 10X	226.9393	2575791.29	7153.9096	17348068.91	2167.7585	2236279.58	5.7588	952.03	22.4121	185485.14
68	2202184-8 100X	23.4095	260426.10	778.0827	1829843.88	215.2388	215308.38	0.5925	100.27	2.2109	17139.82
69	CCV	103.9467	1177048.50	215.8852	521835.46	10.7230	11124.81	10.5045	1804.23	9.8465	78311.88
70	CCB	-0.0715	2199.07	0.3779	1113.43	0.0716	76.00	-0.0038	1.20	0.0056	86.67
71	2202184-9 10X	263.6049	3257465.29	2715.9923	7172583.64	2500.0923	2712405.08	3.0849	531.21	29.7361	246870.39
72	2202184-9 100X	27.2351	308247.86	295.4296	708183.56	244.8321	248964.88	0.3144	54.80	2.9104	22710.35
73	2202184-10 10X	194.4582	2282216.92	6335.5238	15884880.60	1930.2500	2088209.58	5.0749	880.16	19.0394	163318.73
74	2202184-10 100X	18.3098	215745.86	629.9616	1563549.98	182.3857	191862.35	0.5044	89.60	1.8188	15017.87
75	2202184-11 10X	245.1775	2994977.80	6033.8408	15747654.77	2422.1042	2616694.25	3.7525	645.08	35.9013	301478.08
76	2202184-11 100X	25.9139	297536.99	679.5156	1651090.08	245.3129	249041.95	0.4054	70.00	3.6230	28336.24
77	2202184-12 10X	262.8047	3106645.15	7373.8928	18628693.47	2128.5551	2298607.92	4.9799	847.36	29.0457	243584.48
78	2202184-12 100X	29.2688	329365.82	817.3229	1948860.39	221.6211	223674.33	0.4676	81.33	2.9486	23067.48
79	2202184-13 10X	352.1727	4411324.41	6871.9382	18400062.23	2067.1287	2219312.17	5.4322	924.96	33.9172	284565.07
80	2202184-13 100X	37.3696	426557.19	762.2474	1847533.15	203.1412	206403.47	0.5178	89.60	3.4125	26703.18
81	CCV	106.3511	1183470.34	217.7303	521569.74	10.5667	11031.42	10.4233	1781.03	10.0232	79203.47
82	CCB	-0.0444	2595.80	0.5994	1676.84	0.0960	102.33	0.0059	2.80	-0.0020	33.33
83	2202184-14 10X	359.4433	4540744.26	7479.6453	20199487.20	2234.2795	2472005.75	6.0239	1027.50	32.7596	283138.17
84	2202184-14 100X	38.3174	445144.81	832.6314	2054353.51	226.2382	231102.62	0.5988	103.87	3.2837	26112.28
85	2202184-15 10X	171.3771	2092510.26	1018.3905	2655666.11	1559.1185	1686979.25	2.3756	410.81	41.0835	336889.19
86	2202184-15 100X	16.9097	185145.77	102.2419	235666.12	153.9103	147245.76	0.1863	31.87	3.9642	29084.21
87	2202184-16 10X	846.9548	10397869.31	4639.3739	12181333.99	2398.1578	2307433.75	4.5334	704.42	61.4998	461242.82
88	2202184-16 100X	97.7467	1018187.08	544.5748	1210318.89	235.5301	213922.74	0.4622	72.00	6.0999	42477.34
89	2202184-17 10X	376.9668	4429813.99	7407.1782	18607722.64	2008.5357	1963057.08	5.1569	799.62	34.4888	267245.15
90	2202184-17 100X	41.9714	437441.20	864.3458	1914647.16	203.5949	186431.65	0.5315	84.40	3.5668	25481.12
91	2202184-18 10X	1040.1992	13168630.87	4830.2876	13078793.97	2063.0644	1961055.67	4.3251	680.42	45.9046	341053.86
92	2202184-18 100X	127.2168	1423109.25	598.3323	1427653.83	206.2628	199534.06	0.4378	73.60	4.6443	34942.63
93	CCV	103.5375	1084374.75	216.6754	484429.55	10.5964	10170.86	10.0871	1587.68	9.9764	72417.77

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	-0.0019	2686.92	0.6583	1593.49	0.1264	115.67	0.0024	2.00	0.0012	50.00
95	2202184-19 10X	342.8655	3813334.29	6076.7574	14446844.37	681.6254	692771.10	2.0443	328.53	79.6302	610317.02
96	2202184-19 100X	34.9878	366242.00	643.4961	1429597.01	68.5482	64299.04	0.2112	35.07	7.8437	55969.14
97	CCV	106.0993	1101936.55	219.1741	487367.65	10.6592	10393.00	10.4943	1676.22	10.0147	73172.08
98	CCB	-0.0424	2316.86	0.5768	1436.79	0.0819	78.00	0.0051	2.40	0.0013	50.00
99	IP220218-3MB ...	-0.0143	2564.69	5.6372	11628.02	0.0708	68.33	0.0086	2.93	0.0154	143.34
100	IM220218-3LCS...	111.3471	1145297.39	227.3854	499347.25	10.9204	10433.37	10.6190	1673.42	10.1599	73198.64
101	IM220218-3LCS...	112.5791	1162667.80	229.2086	505400.13	10.7725	10453.38	10.5943	1676.36	10.1905	74490.68
102	2202183-1 10X	3.7318	43071.09	13.1198	30389.36	0.0684	76.33	0.2833	48.67	21.8605	163088.86
103	2202200-1 10X	1.3169	16699.85	0.8485	2183.59	0.7111	686.02	0.3774	61.20	27.0986	195066.66
104	2202201-1 10X	-0.0268	2735.83	25.4608	57706.29	0.4401	419.68	0.0048	2.53	29.8927	212674.20
105	2202202-1 10X	5.5387	60061.91	2.0579	4827.60	0.7155	669.68	0.3238	52.13	30.0604	213778.13
106	2202203-1 10X	0.3913	6993.81	9.7520	21818.91	1.4219	1332.40	0.1496	25.33	30.0281	212781.15
107	2202251-1 10X	1.1773	14573.31	20.4736	43890.25	3.1143	3018.63	3.2890	513.74	89.4027	649348.96
108	2202251-1 100X	0.0059	3035.89	2.2741	5344.45	0.3493	336.01	0.2887	47.47	8.6737	62640.51
109	CCV	105.5763	1122611.03	218.3764	495713.21	10.5931	10584.12	10.3592	1704.76	10.0402	75424.75
110	CCB	-0.0883	1936.81	0.3028	906.73	0.0282	31.67	0.0073	2.80	-0.0005	40.00
111	2202302-1 10X	0.3419	6674.78	1.4171	3520.53	0.0401	47.00	0.0174	4.80	20.7313	157898.77
112	2202303-1 10X	1.0300	13957.20	5.9204	13723.01	1.4723	1465.74	0.6008	98.93	281.2376	2101311.06
113	2202303-2 10X	1.3514	17289.31	5.6532	13062.47	1.4890	1446.40	0.5229	85.73	271.3529	2010154.40
114	CCV	102.8346	1126589.75	211.5196	494644.60	10.4331	10496.08	10.1686	1698.62	9.9126	75786.49
115	CCB	-0.0952	1926.81	0.2726	870.06	0.0198	24.67	0.0000	1.73	0.0105	116.67
116	IP220214-2MB 5X	0.1101	3972.76	33.4438	71993.28	0.0241	30.67	-0.0001	1.73	0.0261	226.68
117	IM220214-2LCS...	219.7615	2335072.27	454.3338	1031734.28	20.0452	21131.69	20.9470	3437.43	20.4125	152766.93
118	2201396-2 5X	2.5883	30954.88	2.7538	6644.97	0.5553	609.01	0.8333	141.33	74.9740	571153.27
119	2201396-3 5X	0.1012	4192.81	0.3879	1200.09	0.4161	451.01	0.8812	146.93	75.0226	565981.03
120	2201396-5 5X	0.1660	4936.37	1.1022	2873.74	0.8623	906.70	0.5128	86.67	35.6335	267914.16
121	2201396-6 5X	-0.0834	2177.96	0.5366	1533.47	0.9416	978.03	0.5142	86.40	35.3375	264326.42
122	2201396-7 5X	-0.1083	1936.81	0.4827	1426.79	0.6917	710.02	0.4982	83.60	40.5245	300963.95
123	2201396-8 5X	0.2021	5308.71	4.0521	9726.66	0.6749	694.02	0.5351	88.93	40.9127	300903.33
124	2201396-10 5X	3.6632	43174.60	0.1258	600.04	0.1459	157.33	0.2305	39.07	52.2859	389034.54

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	-0.0924	2097.95	0.0637	450.02	0.0888	96.67	0.2323	39.47	53.1952	391921.15
126	CCV	101.4707	1125359.92	211.6696	501104.06	10.3868	10352.31	10.2802	1717.56	9.8398	75087.11
127	CCB	-0.1104	1791.23	0.3486	1043.42	0.0177	22.67	0.0066	2.80	0.0071	93.34
128	2201396-12 5X	5.0702	59507.59	0.7443	2080.23	0.1830	198.67	0.2197	38.53	53.0300	402415.53
129	2201396-13 5X	-0.1003	2050.17	0.1493	660.05	0.0974	108.33	0.2079	36.27	52.7718	398408.66
130	2202146-3 5X	3.6361	43062.14	5.8823	14123.44	1.1416	1180.71	0.6795	112.80	39.2870	293052.38
131	2202146-4 5X	-0.1183	1861.25	0.1157	583.37	1.1651	1205.05	0.6488	108.27	39.0366	292374.34
132	2202148-1 5X	0.2813	6191.25	3.0478	7418.70	1.2994	1329.39	1.1680	193.60	62.8195	470342.87
133	2202148-2 5X	-0.1068	1964.59	0.3591	1146.76	1.2753	1293.39	1.1844	197.73	62.1519	466112.18
134	2202148-2L 25X	-0.1198	1821.24	0.3220	1060.09	0.2693	267.00	0.2419	41.07	12.3507	90318.12
135	2202148-2MS 5X	210.1730	2261493.73	423.6847	974286.29	21.5178	22004.16	21.5248	3511.05	82.8966	617465.94
136	2202148-2MSD...	211.3258	2263929.28	428.0032	979882.93	21.2832	21795.26	21.5728	3512.25	82.8730	623179.82
137	2202148-2A 5X	101.5532	1126728.95	205.7411	487281.67	11.2709	11755.26	11.3515	1868.91	71.9156	555017.34
138	CCV	100.8458	1095124.33	208.6242	483588.22	10.5648	10049.46	10.3859	1673.15	9.8033	73064.76
139	CCB	-0.1103	1814.57	0.5582	1520.15	0.0138	19.33	0.0066	2.80	0.0088	106.67
140	2202148-5 5X	0.0488	3681.58	0.2196	823.39	1.3354	1372.06	1.2433	207.60	48.4109	366640.05
141	2202148-6 5X	-0.0708	2363.54	0.1735	713.38	1.2801	1357.73	1.2571	213.07	48.4798	371338.57
142	2202148-7 5X	0.2250	5661.05	1.4632	3777.27	1.2104	1271.05	0.7032	119.73	41.3449	316788.82
143	2202148-8 5X	-0.0570	2528.08	0.5097	1510.15	1.1548	1213.05	0.7342	123.47	41.1114	310978.37
144	CCV	102.1119	1170638.95	210.9509	516220.79	10.5036	10828.62	10.0597	1750.76	9.9575	79434.52
145	CCB	-0.0975	2083.50	1.0303	2740.38	0.0073	14.33	0.0014	2.13	0.0114	133.34
146	IP220207-2MB ...	-0.1150	1854.58	0.4689	1390.13	0.0079	15.00	-0.0018	1.60	0.0125	140.01
147	IM220207-2LCS...	107.5488	1247749.92	218.3406	540809.57	10.4476	11166.86	10.3987	1840.38	10.0712	80972.41
148	2202027-1 10X	-0.0976	2219.08	0.6505	1966.88	0.0305	41.33	0.0150	4.80	7.2352	59283.92
149	2202027-1L 50X	-0.0440	2821.40	0.8713	2493.65	0.0146	23.00	0.0006	2.13	1.4481	11581.38
150	2202027-1MS 10X	106.2667	1260052.94	217.9455	551716.19	10.3560	11350.65	10.0690	1812.37	16.7430	138460.91
151	2202027-1MSD ...	108.5824	1280007.14	220.9989	556207.53	10.5006	11475.40	10.2988	1859.98	17.2710	143051.03
152	2202027-1A 10X	104.4713	1226644.29	212.8843	533606.88	10.2939	11027.09	9.9779	1782.10	17.1927	140812.01
153	2202027-3 10X	-0.0904	2099.05	0.4821	1406.79	0.0125	19.33	0.0010	2.00	5.6774	41959.60
154	2202027-7 10X	-0.1022	1933.47	0.5478	1523.47	0.0102	17.00	0.0019	2.13	9.6298	69655.90
155	2202027-10 10X	-0.0990	1959.04	0.4438	1283.45	0.0192	26.00	0.0076	3.07	7.7737	56550.93

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	104.7421	1126588.77	217.4459	499305.11	10.5085	10589.13	10.0519	1682.89	9.9019	75204.24
157	CCB	-0.1241	1644.55	1.2330	2957.07	0.0092	15.33	0.0085	3.07	0.0190	176.68
158	2202027-15 10X	0.0088	3152.57	18.4352	42422.93	0.0173	24.67	0.0095	3.47	9.9110	73958.08
159	2202027-18 10X	-0.1068	1949.03	1.2118	3117.10	0.0087	16.00	0.0047	2.67	8.8520	65666.14
160	2202027-22 10X	-0.0975	2024.60	1.9195	4704.23	0.0377	44.00	0.0113	3.73	7.0835	52132.78
161	2202027-25 10X	0.0206	3323.71	9.6014	22543.15	0.0280	34.67	0.0009	2.00	6.8389	49882.36
162	2202027-28 10X	-0.0434	2608.02	0.6922	1890.20	0.1218	126.33	0.0247	5.87	14.6019	107090.32
163	2202027-33 10X	-0.0907	2115.72	0.6560	1820.18	0.0151	22.00	0.0059	2.80	7.5839	55621.42
164	2202031-3 10X	-0.0510	2586.91	1.9106	4800.92	0.0407	48.00	0.0114	3.87	16.9602	128509.99
165	2202031-7 10X	0.0172	3372.63	1.2645	3313.83	0.0281	35.67	0.0125	4.00	8.9728	68587.54
166	2202031-12 10X	0.0729	3999.44	1.4606	3790.63	0.0311	38.67	0.0203	5.33	9.0608	68657.93
167	2202033-2 10X	1.1557	16081.42	4.6459	11397.74	0.0364	44.00	0.0145	4.40	9.3931	71576.79
168	CCV	102.1592	1171444.05	219.6098	537544.79	10.4959	10912.02	10.2674	1789.03	10.0276	80051.11
169	CCB	-0.0936	2114.61	1.8904	4744.22	0.0015	9.00	0.0045	2.67	0.0160	170.01
170	2202033-6 10X	0.0664	4072.79	17.0861	42533.21	0.0428	54.33	0.0133	4.40	10.5215	84507.27
171	2202033-10 10X	0.1525	5023.07	2.5419	6541.59	0.0390	49.67	0.0152	4.67	10.4876	83994.77
172	2202033-14 10X	0.7515	12004.53	2.4136	6298.16	0.1455	161.33	0.0109	4.00	5.0141	40495.85
173	CCV	103.1402	1217592.49	218.2979	550168.38	10.5578	11222.89	10.2856	1855.84	10.0204	82379.24
174	CCB	-0.0664	2409.10	2.7754	6808.44	0.0030	10.33	0.0063	2.93	0.0250	236.68
175	RINSE	0.0191	3354.84	3.3239	8115.78	0.0135	22.67	0.0042	2.67	0.0626	526.70
176	RINSE	0.0225	3375.95	3.4259	8315.90	0.0108	19.67	-0.0019	1.60	0.0410	360.02
177	RINSE	0.0311	3440.41	3.6359	8732.72	0.0168	26.33	-0.0027	1.47	0.0476	410.02
178	RINSE	0.0192	3337.06	3.5636	8632.72	0.0099	18.67	0.0013	2.13	0.0486	416.69

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0053	90.00	0.0116	115.56	-0.0005	17.78	0.0090	29.32	0.0385	21382.11
2	RINSE	0.0019	36.67	0.0094	96.67	0.0004	31.11	0.0089	29.32	0.0701	22340.00
3	RINSE	0.0003	10.00	0.0017	31.11	0.0003	30.00	0.0009	5.33	-0.0377	16669.49
4	RINSE	0.0010	20.00	0.0004	21.11	0.0010	38.89	0.0005	4.00	0.0088	16969.95
5	RINSE	0.0010	20.00	0.0009	24.45	0.0000	25.56	0.0000	2.67	-0.0433	15278.02
6	BLANK	0.0000	6.67	0.0000	17.78	0.0000	25.56	0.0000	2.67	0.0000	16969.83
7	H/1000	0.0192	263.35	0.0982	824.48	0.0089	158.89	0.0256	81.92	0.4831	33042.75
8	H/100	0.2215	3164.59	0.9628	8526.82	0.1006	1581.22	0.2928	941.86	4.8694	181617.72
9	H/10	2.0042	29418.13	9.8797	90681.08	1.0434	16296.37	3.0852	9990.93	51.5767	1877359.66
10	HIGH	19.9994	305809.68	100.0124	932970.14	9.9957	151601.55	29.9916	94428.57	499.8437	18882744.30
11	RINSE	0.0017	36.67	0.0216	207.78	0.0013	46.66	0.0091	31.31	0.1899	27906.03
12	BLANK	-0.0003	3.33	0.0085	96.67	-0.0001	26.67	0.0004	3.99	0.0666	18775.18
13	ICV	4.1407	60656.12	20.1032	187260.97	2.0265	32208.49	5.9628	19663.75	104.0201	3659189.94
14	ICB	0.0019	33.33	0.0090	95.56	0.0001	27.78	0.0006	4.66	0.0148	17714.12
15	LIV	0.0499	723.38	0.2105	1906.81	0.0485	785.59	0.2331	757.84	0.9010	51970.29
16	ICSA	0.0028	50.00	202.6271	1911423.47	0.0020	61.11	0.0095	34.77	-0.0189	18344.90
17	ICSAB	2.0509	32119.81	210.3074	2043792.28	1.0356	16740.14	3.0862	10345.92	53.2364	2006587.31
18	CCV	1.9854	32828.28	9.7933	101691.03	1.0296	17952.66	3.0832	11133.93	52.7010	2021811.06
19	CCB	0.0016	30.00	0.0187	187.78	-0.0007	16.67	0.0001	3.31	-0.0265	17046.59
20	IP220110-2MB ...	0.0013	26.67	0.0145	154.45	-0.0006	18.89	0.0012	6.65	-0.0775	15194.70
21	IM220110-2RVS...	0.0312	446.69	0.1097	1000.05	0.0228	376.68	0.1138	364.58	0.3735	30347.06
22	IM220110-1RVS...	0.0237	386.69	0.1001	1010.05	0.0243	445.57	0.1012	361.91	0.3323	31339.15
23	IM220110-1LCS...	2.0550	33165.26	9.8148	99661.84	1.0171	17562.10	3.0177	10803.91	53.2977	2054967.83
24	IM220110-1LCS...	1.9930	32634.05	9.9456	101742.21	1.0410	18152.77	2.9881	10803.68	53.3073	2087622.16
25	CCV	2.0464	35089.63	9.9880	106122.87	1.0238	18717.89	2.9989	11364.32	53.1007	2170733.98
26	CCB	0.0023	43.33	0.0071	91.11	0.0000	30.00	-0.0003	1.99	-0.0932	16098.96
27	IP220110-3MB ...	0.0014	30.00	0.0026	46.67	-0.0002	26.66	0.0012	7.33	-0.1366	14337.06
28	IM220110-5RVS...	0.0305	513.36	0.0989	1022.27	0.0230	433.34	0.0935	343.24	0.3092	32124.04
29	IM220110-4RVS...	0.0248	410.02	0.1044	1045.61	0.0225	415.57	0.0992	356.57	0.3177	32485.08
30	IM220110-3LCS...	2.0140	33840.13	10.0447	101121.95	1.0394	18193.98	3.0372	11023.25	51.9214	2045945.80
31	IM220110-3LCS...	1.9576	34101.00	10.0476	105965.06	1.0612	19122.82	3.0265	11308.30	51.4823	2111619.19

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	1.9930	33957.09	9.8464	104340.52	1.0499	18793.53	3.0866	11455.26	52.1548	2097091.22
33	CCB	0.0003	10.00	0.0053	61.11	-0.0008	13.34	-0.0004	1.32	-0.0559	14297.04
34	IP220110-4MB ...	0.0010	20.00	0.0036	48.89	0.0000	25.56	0.0000	2.66	-0.0710	14844.29
35	IM220110-8RVS...	0.0199	296.68	0.0978	871.15	0.0265	423.35	0.0960	301.25	0.3829	31075.38
36	IM220110-7RVS...	0.0245	380.03	0.0910	845.59	0.0244	411.12	0.0974	320.59	0.3242	30537.30
37	IM220110-4LCS...	1.9568	33129.04	10.0083	104014.75	1.0325	18376.46	2.9449	10860.85	50.8383	2017936.01
38	IM220110-4LCS...	1.9614	32243.48	9.8789	101145.41	1.0390	18126.10	3.0429	11007.24	51.6498	2029366.32
39	CCV	2.0206	31909.68	9.7892	96354.73	1.0621	17843.58	3.0423	10600.09	52.2772	1965683.41
40	CCB	0.0009	20.00	0.0061	72.22	-0.0003	22.22	-0.0007	0.66	-0.0664	15151.23
41	IP220110-5MB ...	0.0000	6.67	0.0023	38.89	0.0001	28.89	0.0000	2.66	-0.0771	14961.98
42	IM220110-11RV...	0.0219	316.68	0.0993	883.37	0.0284	458.90	0.0986	312.59	0.3808	30306.97
43	IM220110-10RV...	0.0262	393.36	0.1035	925.60	0.0268	438.90	0.1042	335.25	0.3449	29869.27
44	IM220110-5LCS...	1.9393	31508.77	9.8459	95724.39	0.9955	17054.96	2.9202	10368.02	50.1789	1916409.66
45	IM220110-5LCS...	1.9317	31168.15	9.9762	96122.65	1.0094	16799.10	2.9890	10314.58	51.0911	1935435.59
46	CCV	2.0067	31755.92	9.8261	95922.66	1.0211	16946.98	3.1384	10799.60	51.7991	1913832.68
47	CCB	0.0007	16.67	0.0030	45.56	-0.0004	21.11	0.0019	8.66	-0.0780	14787.64
48	IP220221-1MB ...	-0.0003	3.33	0.0064	81.11	0.0013	50.00	-0.0007	0.66	0.2916	29071.78
49	IM220221-1LCS...	1.9461	30610.28	9.9755	94884.12	1.0278	16792.42	3.0560	10351.40	52.0796	1922835.60
50	IM220221-1LCS...	1.8958	31418.58	9.8447	99120.74	1.0403	17903.67	2.9869	10659.87	51.5728	1906462.06
51	2202184-1 10X	5.0664	83980.81	0.3290	3389.30	0.1408	2409.11	0.3965	1393.74	0.7245	47262.45
52	2202184-1 100X	0.5398	8402.61	0.0416	423.34	0.0133	250.00	0.0354	125.29	-0.1371	14023.50
53	2202184-2 10X	6.9777	112523.98	0.3750	3817.18	1.1107	18705.70	3.7065	12942.97	0.9074	53816.62
54	2202184-2 100X	0.6963	10930.87	0.0405	418.90	0.1145	1929.04	0.3892	1346.03	-0.1063	14600.81
55	2202184-3 10X	2.7691	43586.86	1.5074	15041.67	11.6366	194073.06	12.6909	43943.31	1.3216	67556.92
56	2202184-3 100X	0.2797	4124.05	0.1553	1460.09	1.1419	18286.29	1.2152	4037.73	-0.0891	14877.67
57	CCV	1.9955	31618.87	9.7487	95655.77	1.0357	17128.34	3.0821	10569.45	51.1088	1918690.49
58	CCB	0.0002	10.00	0.0034	50.00	0.0004	34.45	0.0006	4.66	-0.1456	12725.73
59	2202184-4 10X	5.3763	89028.31	1.0059	10662.58	10.8942	189564.90	18.1104	65435.78	2.5039	117972.20
60	2202184-4 100X	0.5116	7795.61	0.1053	1026.72	1.0590	17769.00	1.7378	6047.11	0.0562	20457.35
61	2202184-5 10X	3.3700	56407.03	2.5873	27087.60	26.4259	448467.12	38.7028	136376.13	3.3027	149291.18
62	2202184-5 100X	0.3188	4830.96	0.2519	2463.56	2.4040	40056.39	3.5237	12185.86	0.1529	23985.77

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	4.9188	80844.86	1.3737	14256.50	18.8917	319944.01	16.7609	58938.31	7.0595	290749.42
64	2202184-6 100X	0.4792	7402.05	0.1364	1346.74	1.8456	30443.84	1.6247	5562.23	0.5074	37131.67
65	2202184-7 10X	1.0237	16802.81	5.1989	53344.40	30.6913	513041.52	2.9346	10188.75	8.5837	357496.12
66	2202184-7 100X	0.1015	1606.83	0.4921	4897.49	2.9433	49626.53	0.2638	926.22	0.6783	43367.92
67	2202184-8 10X	3.1756	52333.67	3.5427	38431.81	36.2700	615676.32	57.2449	201770.31	4.2113	185098.49
68	2202184-8 100X	0.3159	5054.39	0.3726	3796.07	3.5445	60546.19	5.6442	20012.99	0.2378	27748.87
69	CCV	1.9784	32764.38	9.6996	101058.62	1.0146	17945.94	3.0290	11107.97	51.8866	2055932.00
70	CCB	-0.0003	3.33	0.0024	43.33	0.0031	78.89	0.0011	6.67	-0.1665	12729.12
71	2202184-9 10X	2.7011	46816.44	4.5597	49617.06	29.8548	526932.72	19.4873	71416.42	25.8789	1092754.57
72	2202184-9 100X	0.2585	4204.09	0.4519	4632.96	2.8016	48544.30	1.8687	6720.35	2.4743	111109.07
73	2202184-10 10X	2.7141	46910.12	3.1685	35630.92	33.2591	592743.53	50.5990	187187.95	3.8767	175898.42
74	2202184-10 100X	0.2526	4257.43	0.2921	3172.59	3.1537	56570.10	4.7248	17601.65	0.1954	26249.38
75	2202184-11 10X	3.1657	54654.93	4.3746	48174.07	33.6639	594471.09	54.4889	199785.16	5.6899	249846.20
76	2202184-11 100X	0.3178	5161.07	0.4466	4591.83	3.2910	56904.46	5.4124	19423.51	0.3931	34044.73
77	2202184-12 10X	4.1559	71688.30	3.7308	41022.77	32.2052	562645.41	57.1145	207180.79	4.7339	207702.67
78	2202184-12 100X	0.4068	6564.96	0.3918	4029.46	3.1561	55168.27	5.6282	20419.51	0.3230	31145.49
79	2202184-13 10X	4.8604	83364.09	5.3901	59275.23	37.7222	659567.04	61.5260	223350.62	5.7977	255536.43
80	2202184-13 100X	0.4649	7552.13	0.5327	5475.46	3.5756	62310.07	5.8050	20996.77	0.3850	33329.87
81	CCV	1.9483	32464.00	9.7976	101392.92	1.0004	17601.06	2.9950	10925.81	51.9762	2019582.57
82	CCB	0.0010	23.33	0.0029	50.00	0.0015	55.55	0.0020	9.99	-0.1116	14720.84
83	2202184-14 10X	4.8493	85714.39	5.4044	61218.16	38.6269	676677.20	67.2449	244595.49	5.9624	270282.18
84	2202184-14 100X	0.4973	8122.41	0.5375	5612.18	3.7479	65714.47	6.4349	23418.86	0.4521	36707.42
85	2202184-15 10X	3.0498	52714.76	2.6680	28685.97	31.0947	550730.58	5.4569	20071.31	8.4315	357028.72
86	2202184-15 100X	0.2908	4444.16	0.2608	2526.91	2.9263	48311.60	0.5063	1733.87	0.6539	43368.13
87	2202184-16 10X	1.4364	22089.41	7.0886	69680.07	70.2344	1119953.95	14.9071	49360.46	41.6749	1520668.05
88	2202184-16 100X	0.1309	1906.87	0.7145	6532.54	6.6926	104719.17	1.4052	4566.72	3.8837	146527.62
89	2202184-17 10X	5.1156	79896.58	4.7287	48028.82	43.7047	695856.03	69.6224	230164.88	5.2732	216721.43
90	2202184-17 100X	0.5167	7575.45	0.5094	4780.78	4.2120	67400.69	6.6735	22168.45	0.3729	30377.05
91	2202184-18 10X	2.1234	32253.67	7.9395	77313.77	69.4675	1121793.60	29.4164	98638.02	27.4479	1007780.84
92	2202184-18 100X	0.2060	3190.48	0.7910	7827.61	6.9460	117179.78	2.9025	10169.90	2.7215	107733.02
93	CCV	1.9515	29902.25	9.7697	92881.36	1.0067	16315.28	2.9873	10038.73	52.1632	1872843.36

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	0.0007	16.67	0.0008	25.56	0.0032	74.44	0.0000	2.67	-0.1136	13369.70
95	2202184-19 10X	5.4601	88658.84	2.5179	25310.19	22.1128	363787.09	42.9473	146693.01	7.5142	307020.44
96	2202184-19 100X	0.5423	8132.41	0.2496	2351.32	2.1531	34920.86	4.1470	13957.99	0.6015	39273.83
97	CCV	1.9172	29845.62	9.7605	93397.72	1.0003	16453.20	2.9884	10190.10	51.2156	1892801.80
98	CCB	0.0012	23.33	0.0030	44.44	0.0039	84.45	0.0013	6.66	-0.1335	12862.48
99	IP220218-3MB ...	0.0005	13.33	0.0036	50.00	0.0026	66.67	0.0010	6.00	0.2430	25037.64
100	IM220218-3LCS...	2.0360	31057.70	10.0797	95115.64	1.0226	16594.45	2.9862	10047.21	53.7975	1926083.20
101	IM220218-3LCS...	2.0481	31732.74	9.9925	95664.33	1.0195	16610.03	3.0025	10143.18	52.5626	1937858.82
102	2202183-1 10X	0.0063	110.00	0.1251	1244.51	0.0188	350.01	0.0083	32.54	0.3424	32578.43
103	2202200-1 10X	0.0006	16.67	0.1251	1200.06	0.0020	61.11	0.0020	9.88	0.1786	25124.37
104	2202201-1 10X	0.0008	20.00	0.1901	1792.35	0.0041	94.45	0.0026	11.82	0.1404	23388.37
105	2202202-1 10X	0.0006	16.67	0.1281	1213.40	0.0032	78.89	0.0021	9.88	0.1765	24293.32
106	2202203-1 10X	0.0024	43.33	0.1793	1684.56	0.0007	40.00	0.0010	6.50	0.1264	22774.11
107	2202251-1 10X	0.0098	160.01	54.1957	515816.49	0.0018	56.67	0.0046	18.27	0.1214	23167.85
108	2202251-1 100X	0.0024	43.33	5.2549	49718.43	0.0008	42.22	-0.0006	1.08	-0.2151	10747.50
109	CCV	1.9834	31632.28	9.7594	96020.03	1.0003	16951.47	2.9714	10439.34	51.1396	1930130.39
110	CCB	0.0002	10.00	0.0046	60.00	0.0015	50.00	-0.0005	1.33	-0.1463	12866.02
111	2202302-1 10X	0.0022	43.33	1.1761	11755.57	0.0014	54.44	0.0016	8.84	0.1049	23384.97
112	2202303-1 10X	0.0223	360.02	1.1216	11005.05	0.0028	76.67	0.0013	7.58	0.1709	25857.86
113	2202303-2 10X	0.0375	586.70	1.0676	10381.28	0.0017	56.66	0.0081	30.97	0.2669	29413.38
114	CCV	1.9618	31515.45	9.7811	97952.69	0.9977	17161.72	2.9329	10459.18	51.6742	1973483.04
115	CCB	0.0009	20.00	0.0013	31.11	0.0017	54.45	-0.0003	2.00	-0.1927	12635.70
116	IP220214-2MB 5X	0.0038	66.67	0.0055	68.89	0.0053	112.22	0.0007	5.33	-0.1679	12729.06
117	IM220214-2LCS...	3.7508	63141.85	20.1678	197741.26	2.0338	34352.90	5.9444	20834.22	96.6184	3781629.53
118	2201396-2 5X	0.0320	563.37	1.8729	18715.59	0.0133	260.00	0.0161	60.81	-0.0807	17697.21
119	2201396-3 5X	0.0025	50.00	1.5471	15315.31	0.0029	78.89	0.0066	26.49	-0.1959	12872.46
120	2201396-5 5X	0.0097	170.01	1.2484	12319.32	0.0492	866.71	0.0571	204.78	-0.1151	15702.45
121	2201396-6 5X	0.0019	40.00	1.2414	12184.79	0.0025	72.22	0.0403	144.79	-0.2030	12151.86
122	2201396-7 5X	0.0015	33.33	0.9916	9670.86	0.0078	161.11	0.0247	89.71	-0.2156	11784.97
123	2201396-8 5X	0.0067	116.67	1.0945	10568.09	0.0199	362.23	0.0325	116.29	-0.2072	11818.37
124	2201396-10 5X	0.0021	43.33	5.8217	56768.48	0.0068	142.23	0.0071	27.71	-0.1368	14534.01

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	0.0005	16.67	0.4245	4118.37	0.0020	63.33	0.0069	26.92	-0.2028	11991.76
126	CCV	2.0488	32607.54	9.7169	97116.64	1.0059	17307.40	2.9798	10630.72	51.5981	1963633.51
127	CCB	0.0030	50.00	0.0035	51.11	0.0013	48.89	0.0003	4.00	-0.1674	12141.87
128	2201396-12 5X	0.0019	40.00	7.9113	78677.35	0.0051	117.78	0.0080	31.54	-0.0861	16849.78
129	2201396-13 5X	0.0009	23.33	0.4148	4123.95	0.0031	82.23	0.0041	17.59	-0.2043	12322.03
130	2202146-3 5X	0.0007	20.00	1.4280	13978.52	0.0097	192.23	0.0014	7.95	-0.2062	12111.83
131	2202146-4 5X	0.0019	40.00	1.2878	12659.59	0.0054	121.11	0.0003	4.08	-0.2152	11711.61
132	2202148-1 5X	0.0034	63.33	1.2321	12109.24	0.0134	256.67	0.0016	8.80	-0.2156	11651.47
133	2202148-2 5X	0.0026	50.00	1.2224	12033.56	0.0031	83.33	0.0010	6.81	-0.2203	11441.30
134	2202148-2L 25X	0.0008	20.00	0.2339	2261.31	0.0023	68.89	0.0004	4.44	-0.2242	10634.02
135	2202148-2MS 5X	3.8658	63128.54	21.3908	208791.01	2.0211	33935.45	5.9512	20733.03	103.3221	3849366.19
136	2202148-2MSD...	3.9114	63965.70	21.4773	211662.44	2.0821	34896.32	5.9774	20787.45	103.1591	3900492.75
137	2202148-2A 5X	1.8816	31328.40	11.0481	111733.12	1.0470	17733.45	3.0347	10659.96	51.3488	1939821.43
138	CCV	2.0546	31201.67	9.7151	94824.79	1.0205	16925.93	3.0095	10348.74	52.7392	1919747.52
139	CCB	0.0011	23.33	0.0024	42.22	0.0015	52.22	-0.0001	2.67	-0.2344	9696.71
140	2202148-5 5X	0.0030	56.67	1.1782	11710.01	0.0048	112.22	0.0054	22.17	-0.2550	10006.98
141	2202148-6 5X	0.0023	46.67	1.1898	11964.67	0.0030	83.34	0.0036	16.15	-0.2710	9646.75
142	2202148-7 5X	0.0043	80.01	1.2910	12981.01	0.0040	98.89	0.0001	3.38	-0.2746	9536.68
143	2202148-8 5X	0.0029	56.67	1.2687	12594.01	0.0011	50.00	-0.0005	1.42	-0.2514	10584.04
144	CCV	2.0116	33098.53	9.6973	101324.70	1.0083	18069.39	2.9882	11102.62	52.1471	2060633.04
145	CCB	0.0006	16.67	0.0021	42.22	0.0026	74.44	-0.0007	0.66	-0.2074	11444.81
146	IP220207-2MB ...	0.0006	16.67	0.0023	43.34	0.0006	41.11	0.0002	4.00	0.0965	22650.65
147	IM220207-2LCS...	1.9449	33185.38	9.9204	104478.06	1.0234	18653.42	2.9170	11022.91	53.0491	2124528.56
148	2202027-1 10X	0.0022	46.67	0.0212	251.12	0.0018	66.67	0.0000	3.31	0.0775	24039.38
149	2202027-1L 50X	0.0011	26.67	0.0048	73.33	0.0015	58.89	0.0002	3.99	-0.2497	10513.98
150	2202027-1MS 10X	1.9845	34728.66	9.8484	106707.28	1.0049	18625.57	2.9472	11325.56	52.6398	2128966.48
151	2202027-1MSD ...	1.9707	34388.15	10.0090	108608.58	1.0160	18892.57	2.9768	11477.51	54.2932	2203524.86
152	2202027-1A 10X	2.0300	34718.90	9.7915	105068.71	0.9952	18301.87	3.0281	11546.56	51.1306	2049352.05
153	2202027-3 10X	0.0085	140.01	0.0098	116.67	0.0017	58.89	0.0005	4.66	0.0303	22079.86
154	2202027-7 10X	0.0139	220.01	0.0098	113.33	0.0005	37.78	-0.0001	2.66	0.0840	21583.41
155	2202027-10 10X	0.0107	173.34	0.0158	171.11	0.0012	48.89	0.0007	5.32	0.0454	20361.06

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	1.9891	32002.83	9.8810	98295.04	0.9927	17113.84	2.9045	10382.42	50.7643	1928453.77
157	CCB	0.0011	23.33	0.0042	57.78	0.0015	51.11	0.0009	5.99	-0.2237	10453.88
158	2202027-15 10X	0.0077	130.00	0.0130	147.78	0.0021	65.56	0.0034	15.32	0.0736	22016.31
159	2202027-18 10X	0.0173	280.02	0.0046	65.56	0.0027	76.67	0.0001	3.33	0.0741	22079.74
160	2202027-22 10X	0.0019	36.67	0.1298	1271.18	0.0006	40.00	0.0004	4.54	0.0722	21565.66
161	2202027-25 10X	0.0091	150.01	0.0088	104.45	0.0010	45.55	0.0006	5.32	0.0870	22110.42
162	2202027-28 10X	0.0027	50.00	0.1603	1560.10	0.0011	48.89	0.0008	5.85	0.0743	21726.05
163	2202027-33 10X	0.0111	180.01	0.0459	462.23	0.0012	48.89	0.0004	4.62	0.0650	21455.58
164	2202031-3 10X	0.0104	173.34	0.0468	486.68	0.0007	42.22	-0.0005	1.28	0.0654	21859.85
165	2202031-7 10X	0.0069	116.67	0.1923	1945.70	0.0011	50.00	0.0006	5.14	0.2133	27548.44
166	2202031-12 10X	0.0068	116.68	0.2297	2301.31	0.0012	51.11	0.0009	6.44	0.2016	27027.80
167	2202033-2 10X	0.0231	376.69	0.1589	1607.88	0.0024	73.34	-0.0004	1.84	0.0549	21902.74
168	CCV	1.9783	32838.01	9.7572	102019.29	0.9694	17390.85	2.9790	11080.53	52.5348	2053166.64
169	CCB	0.0016	33.33	0.0029	50.00	0.0015	56.67	0.0010	6.66	-0.2875	8726.16
170	2202033-6 10X	0.0117	210.01	0.1899	2020.16	0.0022	73.33	0.0019	10.47	0.0667	23578.39
171	2202033-10 10X	0.0124	220.01	0.1676	1781.24	0.0020	67.78	0.0017	9.82	0.0614	23301.64
172	2202033-14 10X	0.1114	1883.53	0.0306	346.68	0.0019	67.78	0.0024	12.63	0.0212	21592.41
173	CCV	1.9969	33894.08	9.7761	105271.46	1.0071	18710.15	2.9147	11227.67	52.0103	2098570.44
174	CCB	0.0021	40.00	0.0031	52.22	0.0012	51.11	0.0002	4.00	-0.2415	10440.63
175	RINSE	0.0039	76.67	0.0085	106.67	0.0011	51.11	0.0095	37.99	-0.1907	13322.88
176	RINSE	0.0042	80.00	0.0114	135.56	0.0011	50.00	0.0108	41.99	-0.2057	12859.20
177	RINSE	0.0041	80.00	0.0116	136.67	0.0004	38.89	0.0091	35.99	-0.2126	12458.81
178	RINSE	0.0052	96.67	0.0113	133.33	0.0003	35.56	0.0112	43.32	-0.1977	13189.58

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0106	125.56	0.0058	56.67	0.0010	60.00	0.0061	1150.10	0.0002	86.67
2	RINSE	0.0082	106.67	0.0053	56.67	0.0018	83.34	0.0057	1083.42	0.0005	143.34
3	RINSE	-0.0019	26.67	-0.0039	33.33	0.0000	33.33	-0.0003	196.68	0.0000	43.33
4	RINSE	-0.0001	40.00	-0.0011	40.00	-0.0009	10.00	-0.0001	206.68	-0.0001	23.33
5	RINSE	-0.0020	25.56	-0.0052	30.00	-0.0002	26.67	-0.0001	216.68	-0.0001	26.67
6	BLANK	0.0000	41.11	0.0000	43.33	0.0000	33.33	0.0000	223.35	0.0000	46.67
7	H/1000	0.0466	397.79	0.0938	283.35	0.0304	860.07	0.0280	4194.11	0.0272	4717.60
8	H/100	0.3015	2525.80	0.8901	2396.96	0.2929	8459.40	0.2734	40962.72	0.2644	47875.53
9	H/10	3.0586	26187.50	9.5998	25645.56	2.8828	86827.59	2.6731	416393.66	2.6642	503673.69
10	HIGH	29.9941	260625.02	100.0411	259466.32	30.0118	879092.67	30.0330	4650526.91	30.0339	5646929.29
11	RINSE	0.0094	121.11	0.0289	120.01	0.0019	90.01	0.0056	1083.42	0.0004	130.01
12	BLANK	-0.0002	43.33	-0.0050	33.33	0.0007	56.67	0.0023	550.04	0.0003	103.34
13	ICV	6.0228	52292.41	19.2051	52203.09	6.1010	187138.61	5.5005	845929.62	5.6792	1060289.05
14	ICB	0.0011	52.22	-0.0098	20.00	0.0007	56.67	0.0026	626.73	0.0004	123.34
15	LIV	0.1123	983.38	0.5299	1460.14	0.0550	1673.51	0.0477	8235.87	0.0448	9136.49
16	ICSA	0.0171	197.79	0.0079	70.00	0.0029	126.68	0.0013	450.03	0.0002	80.00
17	ICSAB	3.1072	28172.22	10.2282	28273.45	3.0095	92583.99	2.8471	443220.91	2.8512	538554.56
18	CCV	2.9898	28960.35	9.5112	28336.92	2.9742	99269.18	2.7478	450787.33	2.7575	549021.36
19	CCB	-0.0001	44.44	-0.0063	30.00	0.0012	70.00	0.0022	570.04	0.0001	73.34
20	IP220110-2MB ...	-0.0018	31.11	-0.0014	43.33	-0.0002	30.00	0.0010	393.36	0.0002	93.34
21	IM220110-2RVS...	0.0536	491.13	0.2434	683.39	0.0259	783.40	0.0226	3647.29	0.0203	3767.28
22	IM220110-1RVS...	0.0522	533.35	0.2152	676.71	0.0240	803.39	0.0229	3917.34	0.0223	4390.87
23	IM220110-1LCS...	3.0334	28732.08	9.6441	28480.52	2.9220	95629.18	2.7286	452733.04	5.5526	1118045.48
24	IM220110-1LCS...	3.0259	28875.65	9.6507	28784.24	2.9510	97722.44	2.7545	465431.33	5.6131	1151069.77
25	CCV	3.0411	30147.99	9.5985	30013.77	2.9065	101748.35	2.7239	482053.84	2.7388	588275.30
26	CCB	0.0015	63.33	-0.0096	23.33	0.0023	113.34	0.0021	620.04	0.0003	120.01
27	IP220110-3MB ...	-0.0041	12.22	-0.0016	46.67	-0.0006	20.00	0.0001	276.69	-0.0001	40.00
28	IM220110-5RVS...	0.0454	478.90	0.2028	660.05	0.0237	823.40	0.0226	4060.72	0.0204	4204.11
29	IM220110-4RVS...	0.0446	456.68	0.2128	676.72	0.0232	780.06	0.0221	3914.01	0.0224	4560.93
30	IM220110-3LCS...	3.0659	28792.14	9.6842	28991.61	2.9124	96975.10	2.7031	454650.06	5.5110	1124907.92
31	IM220110-3LCS...	3.0914	30410.70	9.8966	30501.29	2.9511	101731.04	2.7639	471318.85	5.6006	1159134.88

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	3.0803	30441.98	9.6115	29425.74	2.9178	101393.15	2.7527	470619.90	2.7543	571485.71
33	CCB	0.0012	50.00	0.0088	63.33	0.0018	83.34	0.0026	566.70	0.0003	90.01
34	IP220110-4MB ...	-0.0027	21.11	-0.0028	36.67	-0.0007	16.67	0.0002	250.02	-0.0001	33.33
35	IM220110-8RVS...	0.0400	368.90	0.2049	570.04	0.0252	753.39	0.0223	3503.90	0.0215	3867.32
36	IM220110-7RVS...	0.0438	415.57	0.2468	710.05	0.0236	720.05	0.0227	3730.63	0.0214	4030.72
37	IM220110-4LCS...	3.0814	29873.17	9.7258	29576.13	2.9162	98259.61	2.6681	439502.60	5.4953	1098400.32
38	IM220110-4LCS...	3.0214	28853.41	9.5693	28550.71	2.9255	97316.58	2.6971	450923.37	5.5507	1126196.52
39	CCV	3.0704	28189.94	9.4629	27208.13	2.8997	94442.85	2.7376	436509.55	2.7190	532326.80
40	CCB	-0.0002	42.22	0.0003	46.67	0.0006	53.33	0.0032	706.72	0.0006	156.68
41	IP220110-5MB ...	-0.0032	17.78	0.0002	46.67	-0.0005	23.33	0.0001	253.35	0.0000	40.00
42	IM220110-11RV...	0.0482	434.46	0.2226	623.37	0.0240	730.06	0.0219	3413.88	0.0216	3864.01
43	IM220110-10RV...	0.0485	440.01	0.2247	636.72	0.0243	736.72	0.0204	3240.48	0.0217	3917.34
44	IM220110-5LCS...	2.9708	26940.03	9.2026	26967.76	2.8740	92588.61	2.6147	421886.53	5.3423	1045977.43
45	IM220110-5LCS...	3.0414	27335.01	9.6003	27328.44	2.9076	92342.94	2.6463	423831.23	5.4730	1063739.31
46	CCV	3.0458	27736.89	9.8503	27959.66	2.8807	92962.68	2.7032	431019.42	2.7179	525865.10
47	CCB	-0.0004	41.11	-0.0060	30.00	0.0008	60.00	0.0023	576.71	0.0005	136.67
48	IP220221-1MB ...	0.0007	54.45	0.0784	273.35	0.0000	40.00	0.0015	496.70	0.0001	76.67
49	IM220221-1LCS...	2.9541	26212.06	9.5899	26797.71	2.8689	90304.25	2.6655	419138.45	5.4407	1038196.37
50	IM220221-1LCS...	2.9711	27919.56	9.6485	28400.49	2.8523	94624.32	2.6517	417847.35	5.4066	1034025.51
51	2202184-1 10X	0.1870	1833.47	75.3479	217692.37	7.1484	231598.22	13.1199	2146159.03	1.5435	306585.52
52	2202184-1 100X	0.0236	261.12	7.4551	21258.82	0.7399	23418.73	1.3119	210001.42	0.1624	31586.69
53	2202184-2 10X	0.6314	6002.34	95.7289	275318.76	11.0744	358931.17	22.3323	3654535.78	2.4328	483426.01
54	2202184-2 100X	0.0714	702.25	9.9043	28227.20	1.1404	36591.51	2.2123	341287.08	0.2458	46070.23
55	2202184-3 10X	2.2314	20757.27	35.7227	101924.80	4.2274	135725.93	7.1763	1198015.68	0.8410	170460.33
56	2202184-3 100X	0.2328	2055.72	3.5760	9826.93	0.4085	12539.07	0.7155	112627.40	0.0829	15858.78
57	CCV	3.0066	27515.37	9.8667	27909.69	2.9077	91420.79	2.6582	426035.79	2.6833	521940.59
58	CCB	-0.0029	21.11	-0.0151	6.67	-0.0003	26.67	0.0009	376.70	-0.0001	33.33
59	2202184-4 10X	3.3526	33086.15	90.3971	269027.50	7.7834	262102.68	14.6654	2512164.76	1.6707	347616.24
60	2202184-4 100X	0.3350	3028.11	8.5141	24447.06	0.7685	24229.91	1.3897	222069.75	0.1646	31964.26
61	2202184-5 10X	7.9636	77636.36	44.1109	128071.58	5.9147	191549.90	10.3164	1816414.66	1.1580	247555.30
62	2202184-5 100X	0.7898	7181.74	4.0389	11551.42	0.5202	16489.55	0.9464	152834.80	0.1115	21893.32

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	14.3816	138846.30	75.4916	218687.88	6.7706	219588.50	12.2720	2089339.19	1.4181	293268.64
64	2202184-6 100X	1.4762	13408.17	7.3328	20721.21	0.6341	19953.63	1.1705	188286.77	0.1434	28019.96
65	2202184-7 10X	29.3828	280724.86	53.9472	154258.86	3.5555	114304.89	5.2034	944022.22	0.6327	139407.42
66	2202184-7 100X	2.9137	26934.41	5.2284	15121.39	0.3398	10790.90	0.5504	89942.78	0.0695	13806.86
67	2202184-8 10X	15.1111	152652.36	31.9857	92910.16	4.3197	139425.25	7.2178	1229923.96	0.8865	183447.49
68	2202184-8 100X	1.6531	15640.26	2.9807	8756.27	0.4224	13616.60	0.7379	122019.59	0.0908	18251.59
69	CCV	2.9857	29022.49	9.5440	28871.38	2.9098	96578.98	2.7024	453571.84	2.7200	554010.04
70	CCB	0.0010	56.67	-0.0019	43.33	0.0003	46.67	0.0009	386.69	-0.0001	40.00
71	2202184-9 10X	14.3557	145479.08	59.2793	178954.51	5.2139	172944.78	8.4309	1573103.62	0.9829	222658.61
72	2202184-9 100X	1.4379	13717.28	5.5268	16415.98	0.4993	16162.47	0.8111	136419.78	0.0974	19913.78
73	2202184-10 10X	12.7532	133518.64	26.1007	79592.93	3.6574	123368.05	6.2078	1084665.53	0.7474	158598.89
74	2202184-10 100X	1.2393	12485.18	2.4464	7555.55	0.3198	10891.04	0.6338	106030.81	0.0830	16866.21
75	2202184-11 10X	12.5713	128880.97	50.1049	151327.00	5.2974	176305.39	8.8611	1602339.98	1.0174	223444.13
76	2202184-11 100X	1.2925	12363.91	4.8878	14494.03	0.5163	16789.86	0.8744	148119.22	0.1068	21976.64
77	2202184-12 10X	12.1576	124450.73	46.2046	138096.64	6.2839	205794.05	10.7945	1964422.58	1.2569	277763.38
78	2202184-12 100X	1.2995	12432.87	4.4041	13212.84	0.6082	19696.55	1.0791	182085.01	0.1313	26917.76
79	2202184-13 10X	11.9102	121993.70	57.7351	172664.51	8.2294	268574.14	13.1299	2500783.14	1.4984	346565.31
80	2202184-13 100X	1.1790	11290.87	5.3387	15955.66	0.7612	24613.92	1.3107	222901.53	0.1562	32268.33
81	CCV	2.9687	28659.70	9.3564	28160.09	2.9224	95549.49	2.6852	450845.06	2.6902	548176.32
82	CCB	0.0029	75.55	-0.0075	30.00	0.0010	70.00	0.0009	386.69	0.0000	46.67
83	2202184-14 10X	12.7564	134591.94	55.9864	167778.39	8.1643	269105.92	13.3240	2571030.59	1.4960	350549.99
84	2202184-14 100X	1.3209	12847.64	5.1260	15418.48	0.7596	24971.10	1.3009	224573.08	0.1597	33484.32
85	2202184-15 10X	8.1160	81265.59	71.2193	215766.45	8.0426	267713.99	14.0230	2574573.30	1.5563	346993.47
86	2202184-15 100X	0.7993	7189.54	6.3895	18071.26	0.7595	23255.13	1.3258	224363.28	0.1542	31720.50
87	2202184-16 10X	25.3206	231772.77	41.2189	112464.27	3.5577	106401.38	4.8790	901281.42	0.5882	131944.29
88	2202184-16 100X	2.4823	21121.12	3.9655	10657.52	0.3275	9660.10	0.5554	86231.99	0.0680	12836.06
89	2202184-17 10X	10.4100	98479.89	73.4550	200054.84	8.9590	269155.74	13.7244	2474771.94	1.5580	341118.30
90	2202184-17 100X	1.0996	9617.52	6.8780	18865.69	0.8357	24930.97	1.4271	223430.50	0.1695	32225.14
91	2202184-18 10X	47.5144	430846.54	15.8056	43696.16	3.9214	118242.29	5.4438	1035995.27	0.6718	155234.37
92	2202184-18 100X	4.8745	44738.59	1.5584	4547.56	0.3920	12325.53	0.6463	101490.09	0.0757	14454.16
93	CCV	2.9852	26472.52	9.5405	26440.49	2.8864	87649.17	2.6270	412381.57	2.6572	506204.12

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	0.0006	47.78	-0.0097	20.00	0.0007	53.33	0.0015	456.72	0.0001	70.01
95	2202184-19 10X	11.8437	110820.06	71.6998	201760.25	9.0910	278384.57	14.7280	2491120.64	1.6839	345896.73
96	2202184-19 100X	1.2042	10526.99	6.7701	18812.28	0.8420	24994.54	1.4356	226214.18	0.1719	32909.69
97	CCV	2.9611	26433.56	9.4594	26614.09	2.9192	90291.50	2.6864	420842.60	2.6737	508420.71
98	CCB	-0.0005	38.89	-0.0071	26.67	-0.0001	33.33	0.0007	326.69	0.0001	73.34
99	IP220218-3MB ...	0.0054	86.67	0.0018	50.00	0.0005	46.67	0.0019	500.04	0.0004	113.34
100	IM220218-3LCS...	3.0489	26835.33	9.6694	26834.26	3.0040	89460.70	2.7355	418781.76	5.5683	1034478.60
101	IM220218-3LCS...	3.0883	27577.78	9.8940	27575.70	2.9894	90988.21	2.7383	427144.33	5.5994	1060070.46
102	2202183-1 10X	0.0605	600.02	1.9355	5678.02	0.0824	2607.00	0.0139	2513.66	0.0019	436.70
103	2202200-1 10X	0.0027	71.11	3.8744	10774.22	0.0005	53.33	0.0000	256.68	-0.0001	40.00
104	2202201-1 10X	0.0730	681.14	4.8902	13479.84	0.0009	63.34	0.0005	330.02	0.0001	66.67
105	2202202-1 10X	0.0007	53.33	4.0800	11214.54	-0.0002	30.00	0.0003	300.02	0.0000	46.67
106	2202203-1 10X	0.0211	228.89	5.8643	16282.62	0.0001	40.00	0.0012	443.37	0.0000	46.67
107	2202251-1 10X	0.2507	2270.20	66.4663	182146.29	0.0109	363.35	0.0215	3497.25	0.0025	510.03
108	2202251-1 100X	0.0241	260.00	6.2748	17510.70	0.0010	66.67	0.0015	480.04	0.0003	100.00
109	CCV	2.9549	27119.22	9.5003	27535.47	2.9483	91977.83	2.6986	430396.96	2.6944	521603.49
110	CCB	-0.0012	34.44	-0.0037	36.67	0.0008	60.00	0.0006	326.72	-0.0001	26.67
111	2202302-1 10X	0.0009	58.89	16.6074	48604.63	0.0031	136.67	0.0047	1013.42	0.0006	160.01
112	2202303-1 10X	0.2266	2115.73	29.5942	84219.41	0.0304	986.75	0.0563	9249.84	0.0051	1043.42
113	2202303-2 10X	0.2167	2006.83	29.5660	83546.36	0.0338	1096.76	0.0648	10774.31	0.0070	1443.48
114	CCV	2.9322	27392.99	9.4484	27796.13	2.8889	92373.13	2.6719	437954.73	2.6770	532668.43
115	CCB	-0.0021	27.78	-0.0001	46.67	0.0009	63.33	0.0005	366.69	0.0001	86.67
116	IP220214-2MB 5X	0.0331	324.45	0.0206	103.34	0.0048	176.68	0.0038	820.06	0.0006	166.68
117	IM220214-2LCS...	6.1199	55543.16	19.3856	55992.58	5.8301	185087.49	5.3439	849121.13	11.5868	2235010.90
118	2201396-2 5X	0.0327	354.46	10.9179	32208.00	0.0759	2463.64	0.1370	22744.39	0.0158	3207.16
119	2201396-3 5X	0.0374	394.45	10.3149	29930.20	0.0013	80.00	0.0035	836.74	0.0005	146.67
120	2201396-5 5X	0.0281	307.79	7.2951	21279.03	0.0085	306.69	0.0157	2830.40	0.0019	426.70
121	2201396-6 5X	0.0378	394.46	7.0450	20434.36	0.0004	53.33	0.0001	283.35	0.0003	103.34
122	2201396-7 5X	0.0308	327.79	13.2430	38285.42	0.0000	40.00	-0.0001	243.35	0.0001	80.00
123	2201396-8 5X	0.0190	218.89	13.5790	38943.44	0.0029	130.01	0.0074	1460.13	0.0007	193.34
124	2201396-10 5X	0.0144	180.00	2.9470	8426.03	0.0013	80.00	0.0044	983.63	0.0002	93.34

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	0.0588	577.80	2.7686	7942.40	0.0007	60.00	-0.0001	240.01	0.0001	70.00
126	CCV	3.0229	28186.60	9.6247	28323.57	2.8708	93785.00	2.6934	441055.18	2.6795	532655.97
127	CCB	-0.0021	27.78	-0.0091	23.33	0.0001	40.00	0.0007	363.36	0.0002	86.67
128	2201396-12 5X	0.0225	258.89	2.7778	8202.54	0.0015	90.00	0.0032	796.88	0.0003	116.67
129	2201396-13 5X	0.1162	1120.06	2.7929	8169.23	-0.0005	23.33	0.0001	283.36	0.0001	66.67
130	2202146-3 5X	0.0346	364.46	7.2477	20888.23	0.0002	46.67	0.0015	516.70	0.0002	96.67
131	2202146-4 5X	0.0348	367.79	7.1871	20798.18	0.0000	40.00	0.0001	280.02	0.0000	56.67
132	2202148-1 5X	0.0303	326.67	8.3490	24169.80	0.0037	160.01	0.0056	1183.44	0.0005	150.01
133	2202148-2 5X	0.0596	594.47	8.2308	24002.99	0.0007	63.34	0.0011	443.36	0.0001	76.67
134	2202148-2L 25X	0.0115	151.11	1.7398	5007.71	-0.0001	36.67	0.0003	313.35	0.0000	46.67
135	2202148-2MS 5X	6.1899	56315.15	27.4977	78941.97	5.7849	186233.88	5.3465	866605.43	11.5873	2280270.90
136	2202148-2MSD...	6.2009	56956.23	28.1349	80623.90	5.8371	188758.48	5.4759	883646.60	11.7905	2309905.22
137	2202148-2A 5X	3.0096	28391.39	18.5188	53621.51	2.8718	94276.38	2.6908	433608.84	2.7327	534432.20
138	CCV	3.0135	27440.91	9.7519	27665.89	2.8517	91330.44	2.6521	430721.92	2.6407	520527.05
139	CCB	-0.0037	14.44	0.0156	90.00	0.0002	43.33	0.0019	533.37	0.0001	70.00
140	2202148-5 5X	0.0304	330.01	8.5765	25031.29	0.0040	170.01	0.0042	953.41	0.0006	173.34
141	2202148-6 5X	0.0353	380.01	8.5379	25285.00	0.0001	46.67	-0.0001	253.35	0.0002	93.34
142	2202148-7 5X	0.0205	242.23	7.6114	22497.35	0.0012	80.01	0.0036	876.74	0.0007	190.01
143	2202148-8 5X	0.1093	1058.94	7.3448	21452.51	0.0200	693.38	0.0349	6084.84	0.0002	100.01
144	CCV	3.0046	29285.34	9.5875	29385.69	2.8354	97471.77	2.6902	461809.93	2.6872	559862.89
145	CCB	-0.0010	40.00	0.0111	83.34	0.0017	93.34	0.0022	636.72	0.0004	140.01
146	IP220207-2MB ...	-0.0005	44.45	0.0061	70.00	0.0000	40.00	0.0009	406.70	0.0000	60.00
147	IM220207-2LCS...	2.9956	29431.07	9.5215	29682.96	2.9643	102869.47	2.6799	466382.01	5.4577	1152577.93
148	2202027-1 10X	0.0011	65.55	4.1554	13346.25	0.0018	106.67	0.0034	890.08	0.0009	260.12
149	2202027-1L 50X	-0.0024	28.89	0.8543	2717.06	0.0007	66.67	0.0021	643.38	0.0003	116.67
150	2202027-1MS 10X	3.0015	30329.48	13.6566	43265.22	2.9120	103166.90	2.6732	471605.21	5.4517	1167241.99
151	2202027-1MSD ...	2.9932	30297.23	13.8566	44044.27	2.9226	103516.68	2.7341	480399.21	5.5862	1191177.66
152	2202027-1A 10X	2.9499	29530.31	13.6459	42897.39	2.8439	100497.17	2.6745	468535.57	2.7226	578824.93
153	2202027-3 10X	0.0010	57.78	3.6925	10644.11	0.0034	146.68	0.0083	1770.19	0.0010	286.69
154	2202027-7 10X	0.0067	106.67	4.1844	11841.78	0.0065	240.01	0.0126	2223.60	0.0022	470.03
155	2202027-10 10X	0.0005	52.22	4.4178	12578.97	0.0061	226.68	0.0134	2356.97	0.0018	403.36

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	3.0093	27927.24	9.6591	28477.33	2.9003	93382.27	2.6884	435750.65	2.7170	534465.32
157	CCB	0.0608	557.80	0.0022	53.33	0.0009	63.34	0.0025	613.37	0.0002	93.34
158	2202027-15 10X	0.0343	361.12	4.0745	11931.85	0.0048	190.01	0.0123	2260.28	0.0017	386.69
159	2202027-18 10X	0.0109	147.78	4.5284	13206.23	0.0071	266.69	0.0139	2493.67	0.0018	410.03
160	2202027-22 10X	0.0603	588.91	2.5559	7422.16	0.0021	106.67	0.0028	720.05	0.0003	120.00
161	2202027-25 10X	-0.0009	40.00	9.0456	25835.79	0.0061	230.01	0.0134	2420.32	0.0019	423.36
162	2202027-28 10X	0.2334	2136.84	8.5720	24450.18	0.0008	63.34	0.0011	436.69	0.0000	60.00
163	2202027-33 10X	0.0051	94.45	2.5038	7175.39	0.0012	76.67	0.0058	1173.50	0.0004	126.67
164	2202031-3 10X	0.0555	563.35	6.1618	18368.23	0.0084	310.02	0.0116	2153.60	0.0016	380.03
165	2202031-7 10X	0.0085	130.00	3.7306	11037.70	0.0047	193.34	0.0085	1670.17	0.0009	236.68
166	2202031-12 10X	0.0044	91.11	3.5953	10680.79	0.0049	200.01	0.0079	1576.84	0.0009	243.35
167	2202033-2 10X	0.0198	234.45	3.8230	11521.46	0.0155	546.70	0.0265	4654.26	0.0043	913.41
168	CCV	3.0194	29447.77	9.6158	29509.14	2.8790	98729.43	2.6697	458033.61	2.6690	555767.62
169	CCB	0.0796	785.59	0.0275	133.34	0.0018	100.01	0.0029	743.41	0.0004	126.67
170	2202033-6 10X	0.0196	244.45	4.3757	13750.12	0.0110	420.03	0.0253	4650.91	0.0033	746.72
171	2202033-10 10X	0.0204	252.23	4.2727	13242.86	0.0112	430.03	0.0225	4164.10	0.0035	786.72
172	2202033-14 10X	0.0282	331.12	4.3220	13643.25	0.0556	1953.56	0.1885	32729.57	0.0188	3977.35
173	CCV	2.9792	29932.07	9.4795	30124.02	2.9086	101717.56	2.6712	466579.50	2.6824	568726.62
174	CCB	0.0744	733.36	0.0251	123.34	0.0014	86.67	0.0044	986.78	0.0004	143.34
175	RINSE	0.0801	796.70	0.0689	260.02	0.0071	270.02	0.0140	2607.01	0.0013	320.02
176	RINSE	0.0918	900.04	0.0706	260.02	0.0074	276.68	0.0151	2780.40	0.0011	280.02
177	RINSE	0.0904	886.71	0.0887	316.69	0.0060	230.01	0.0145	2687.03	0.0013	320.02
178	RINSE	0.0859	842.26	0.0549	213.35	0.0055	216.68	0.0140	2567.02	0.0013	320.02

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0032	100.01	0.0131	450.01	0.0072	1060.09	0.0225	513.35	0.0055	175.56
2	RINSE	0.0016	56.67	0.0106	391.92	0.0053	1003.40	0.0102	234.45	0.0048	152.22
3	RINSE	0.0004	23.33	0.0016	156.67	0.0003	800.06	0.0017	38.89	0.0007	27.78
4	RINSE	0.0004	20.00	0.0018	161.43	0.0038	916.73	0.0008	17.78	0.0008	31.11
5	RINSE	0.0007	30.00	-0.0001	117.14	0.0026	890.06	0.0014	32.22	0.0003	17.78
6	BLANK	0.0000	10.00	0.0000	120.00	0.0000	806.73	0.0014	32.22	0.0000	7.78
7	H/1000	0.0285	800.06	0.0024	181.91	0.0509	2646.90	0.0075	173.34	0.0088	276.67
8	H/100	0.2867	8402.77	0.0185	629.07	0.4833	19289.15	0.0876	2149.21	0.0923	2995.91
9	H/10	2.9137	88458.38	0.1951	5549.65	4.8354	189729.90	1.0013	26119.51	0.9755	33055.59
10	HIGH	30.0088	950949.18	2.0005	51493.24	50.0166	1807044.28	9.9996	326200.23	10.0025	329683.82
11	RINSE	0.0024	80.00	0.0048	250.48	0.0060	1053.41	0.0254	600.02	0.0051	171.12
12	BLANK	0.0018	60.00	-0.0004	119.53	0.0016	930.07	0.0018	44.44	0.0002	16.67
13	ICV	6.1939	188346.61	0.3867	10875.46	9.6230	376850.32	1.8623	50236.30	1.9540	67439.46
14	ICB	0.0024	80.01	-0.0011	96.67	0.0020	926.74	0.0022	53.33	0.0004	21.11
15	LIV	0.0491	1610.15	0.0083	359.06	0.1874	8114.63	0.0187	463.35	0.0107	366.68
16	ICSA	0.0022	80.00	-0.0009	108.10	0.0062	1136.75	0.0168	425.57	0.0003	18.89
17	ICSAB	3.0080	93837.28	0.1983	5652.54	4.9402	194299.31	1.2426	32803.89	0.9984	34562.38
18	CCV	2.9282	95751.72	0.1896	5834.52	4.9092	208268.81	1.0784	30521.99	0.9485	35624.87
19	CCB	0.0033	106.68	-0.0008	107.14	0.0007	890.07	0.0022	54.45	0.0002	15.56
20	IP220110-2MB ...	0.0012	46.67	-0.0011	100.48	-0.0007	853.39	0.0019	47.78	0.0002	14.45
21	IM220110-2RVS...	0.0231	690.05	0.0034	218.57	0.0886	4197.14	0.0082	198.89	0.0049	167.78
22	IM220110-1RVS...	0.0243	766.72	0.0027	218.57	0.0949	4827.26	0.0089	233.34	0.0049	183.34
23	IM220110-1LCS...	2.9400	95204.91	0.1804	5568.22	4.7506	201914.57	0.9812	27698.81	0.9710	35750.57
24	IM220110-1LCS...	2.9472	99018.44	0.1819	5646.82	4.7995	205140.53	0.9995	28397.90	0.9704	36154.76
25	CCV	2.9722	103495.01	0.1927	6188.47	4.9688	219972.49	0.9935	29202.19	0.9665	38069.94
26	CCB	0.0015	60.00	-0.0019	83.81	-0.0012	893.40	0.0030	81.11	0.0002	17.78
27	IP220110-3MB ...	0.0005	26.67	-0.0015	93.81	0.0006	953.40	0.0023	60.00	0.0000	10.00
28	IM220110-5RVS...	0.0282	943.40	0.0026	221.91	0.0941	4960.61	0.0086	235.56	0.0066	255.56
29	IM220110-4RVS...	0.0267	880.08	0.0024	210.00	0.0974	4983.92	0.0097	258.90	0.0049	185.56
30	IM220110-3LCS...	2.9662	97852.09	0.1874	5793.55	4.7953	204251.26	0.9819	27782.27	0.9625	36055.48
31	IM220110-3LCS...	2.8999	98911.09	0.1949	6124.16	4.9128	212958.81	1.0061	29001.38	0.9572	37127.13

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	2.9242	100126.28	0.1919	6113.68	5.0122	220171.92	1.0699	31359.27	0.9661	37772.55
33	CCB	0.0014	46.67	-0.0017	72.86	0.0015	823.39	0.0035	76.67	0.0000	6.67
34	IP220110-4MB ...	0.0014	50.00	-0.0014	84.76	-0.0080	526.70	0.0019	44.44	-0.0001	5.55
35	IM220110-8RVS...	0.0284	816.73	0.0031	205.72	0.0919	4237.13	0.0083	196.67	0.0047	157.78
36	IM220110-7RVS...	0.0236	720.06	0.0027	206.19	0.0948	4553.86	0.0096	240.00	0.0057	194.45
37	IM220110-4LCS...	2.9113	93910.79	0.1918	6039.84	4.8442	210344.54	0.9825	28336.89	0.9697	36742.97
38	IM220110-4LCS...	2.8861	95248.43	0.1918	5920.27	4.8550	206629.09	0.9954	28169.75	0.9931	37177.16
39	CCV	2.9646	93789.76	0.1921	5802.59	4.8686	202759.78	1.0159	28138.74	0.9483	34750.63
40	CCB	0.0028	90.00	-0.0017	79.05	0.0009	873.39	0.0049	116.67	0.0001	13.33
41	IP220110-5MB ...	0.0004	23.33	-0.0019	75.24	-0.0054	636.71	0.0029	68.89	0.0001	12.22
42	IM220110-11RV...	0.0209	610.04	0.0028	199.05	0.0884	4123.78	0.0078	185.56	0.0061	206.67
43	IM220110-10RV...	0.0275	803.39	0.0023	186.19	0.0882	4143.81	0.0078	187.78	0.0057	192.23
44	IM220110-5LCS...	2.8294	90333.36	0.1907	5763.54	4.6900	195377.64	0.8514	23433.66	0.9515	34479.64
45	IM220110-5LCS...	2.8904	91888.34	0.1902	5577.75	4.7943	193811.33	0.8977	24024.52	0.9707	34681.19
46	CCV	2.9469	93158.44	0.1918	5704.94	4.9236	201882.45	0.9507	25862.73	0.9557	34702.70
47	CCB	0.0017	60.00	-0.0023	65.72	0.0006	873.40	0.0046	111.12	0.0000	10.00
48	IP220221-1MB ...	0.0004	23.33	-0.0015	92.38	0.0080	1240.10	0.0034	87.78	0.0000	11.11
49	IM220221-1LCS...	2.8380	87748.62	0.1944	5585.85	4.9747	197127.19	0.9300	24431.36	0.9481	33579.69
50	IM220221-1LCS...	2.8587	88793.60	0.1919	5925.99	4.8273	205532.43	0.9385	26512.58	0.9699	36174.74
51	2202184-1 10X	6.5601	210715.58	0.2143	6356.16	31.9000	1302806.18	1.9005	53623.31	0.5090	18567.42
52	2202184-1 100X	0.6896	21559.26	0.0194	692.40	3.2409	131531.17	0.1901	4952.13	0.0522	1866.82
53	2202184-2 10X	10.1313	322715.17	0.7637	22505.18	281.4592	11593957.53	3.2740	98093.47	0.3757	13710.97
54	2202184-2 100X	1.0383	31229.59	0.0746	2334.48	27.6698	1147540.69	0.3238	8726.15	0.0364	1321.19
55	2202184-3 10X	3.7458	117604.93	2.2979	69590.74	1033.0373	43903564.76	1.6545	48168.79	0.6105	22062.34
56	2202184-3 100X	0.3643	11044.44	0.2693	7639.15	106.1581	4162482.43	0.1515	3836.20	0.0580	2004.62
57	CCV	2.8978	92361.04	0.1935	5675.88	4.8423	195946.72	1.0027	26983.85	0.9780	34594.75
58	CCB	0.0011	43.33	-0.0012	95.24	0.0067	1103.41	0.0037	90.00	0.0002	16.67
59	2202184-4 10X	7.1560	237794.16	3.8376	117775.33	1526.0351	65781939.85	2.4518	74574.07	0.6501	24644.30
60	2202184-4 100X	0.7286	22637.68	0.4116	11864.81	159.7638	6403631.36	0.2296	5962.45	0.0655	2330.23
61	2202184-5 10X	5.2297	168319.71	8.7443	272762.25	2775.3003	1.21674E+08	2.1652	66297.35	1.0815	39410.91
62	2202184-5 100X	0.4607	14447.53	0.8393	24624.72	276.3088	11337356.96	0.1841	4883.13	0.0969	3460.46

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	2202184-6 10X	6.2375	200961.36	5.2196	156981.41	4517.4145	1.90873E+08	2.2078	65246.33	0.8368	30541.01
64	2202184-6 100X	0.6275	19740.16	0.5108	14937.59	456.3592	18595330.14	0.2002	5275.61	0.0782	2773.65
65	2202184-7 10X	2.8709	91720.86	7.9756	251883.01	4342.9161	1.92750E+08	1.7699	54048.16	0.4634	16769.75
66	2202184-7 100X	0.2788	8762.92	0.8178	24058.09	460.0744	18922950.24	0.1607	4268.49	0.0465	1663.46
67	2202184-8 10X	3.9547	126819.96	19.4503	586688.13	5539.9755	2.34933E+08	2.1159	62544.50	1.8235	66228.95
68	2202184-8 100X	0.3969	12639.13	1.9493	57140.99	570.9361	23478215.17	0.1996	5310.01	0.1738	6298.13
69	CCV	2.8630	96583.32	0.1939	5967.43	5.0458	214119.27	0.9913	27956.68	0.9593	35824.37
70	CCB	0.0006	30.00	-0.0003	119.52	0.1882	8074.64	0.0048	116.67	0.0003	20.00
71	2202184-9 10X	4.5833	151871.76	7.1542	235121.25	4683.4978	2.16300E+08	5.1419	184336.74	0.8395	31336.95
72	2202184-9 100X	0.4286	13946.92	0.7328	21975.36	490.6840	20560977.62	0.5377	14774.48	0.0788	2871.43
73	2202184-10 10X	3.3550	111795.44	17.4829	545264.80	4870.8106	2.13601E+08	1.8067	54582.51	1.5883	60300.37
74	2202184-10 100X	0.3043	9823.60	1.6616	51448.36	466.8825	20266509.69	0.1518	4258.55	0.1379	5264.35
75	2202184-11 10X	4.6233	151383.53	14.2395	462518.62	5774.7690	2.63703E+08	2.0440	64879.42	1.7139	64192.67
76	2202184-11 100X	0.4435	14367.41	1.4599	44250.59	609.6072	25900368.15	0.1888	5186.56	0.1634	5974.64
77	2202184-12 10X	5.9137	192729.10	15.0295	472301.90	5571.0634	2.46119E+08	2.6017	81580.18	1.8326	67533.26
78	2202184-12 100X	0.5692	18572.07	1.5630	46480.70	588.3624	24531088.59	0.2397	6474.89	0.1849	6733.85
79	2202184-13 10X	7.2769	238122.17	15.6764	522123.19	7416.7213	3.47271E+08	2.8712	96368.78	2.2102	81161.98
80	2202184-13 100X	0.6710	21886.53	1.6314	49304.50	787.6099	33378323.04	0.2758	7584.35	0.2075	7547.61
81	CCV	2.8792	95245.88	0.1956	5915.50	5.2968	220847.36	0.9980	27674.85	0.9642	35469.08
82	CCB	0.0014	53.33	0.0004	148.10	0.3243	13940.02	0.0041	105.56	0.0003	20.00
83	2202184-14 10X	7.2309	240769.96	17.1563	576278.26	7834.2855	3.69951E+08	2.8751	97339.20	2.3776	88185.97
84	2202184-14 100X	0.6878	22507.33	1.8079	55608.91	835.9978	36065532.17	0.2815	7882.34	0.2212	8181.28
85	2202184-15 10X	6.9219	232543.99	7.4890	243026.62	10301.5651	4.69736E+08	1.7254	54045.06	0.7991	29935.16
86	2202184-15 100X	0.6515	21385.70	0.7401	21360.29	1033.0704	41626804.59	0.1472	3829.46	0.0754	2599.16
87	2202184-16 10X	2.9789	89078.23	3.8233	124972.07	18709.9012	8.58984E+08	0.9333	28545.00	0.3686	12412.10
88	2202184-16 100X	0.2858	8369.35	0.4353	12156.47	2118.3401	82308322.53	0.0916	2291.34	0.0344	1144.51
89	2202184-17 10X	7.8574	237850.90	13.8421	432540.41	7468.1539	3.28069E+08	2.8432	89442.27	2.3671	80041.05
90	2202184-17 100X	0.7497	22353.90	1.5071	41632.99	832.1724	32225865.15	0.2889	7264.16	0.2208	7408.68
91	2202184-18 10X	3.6162	109855.37	2.2684	76553.71	17200.9650	8.14456E+08	14.8533	724658.93	0.8109	27513.80
92	2202184-18 100X	0.3673	10884.37	0.2748	8329.08	2056.8980	85906312.05	2.2964	67283.95	0.0803	2846.99
93	CCV	2.8412	87999.21	0.1879	5351.00	5.6938	223514.15	0.9779	25496.15	0.9492	32430.82

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	CCB	0.0009	36.67	-0.0006	103.33	0.6993	25512.95	0.0048	108.89	0.0003	17.78
95	2202184-19 10X	7.5543	234623.02	2.2163	65683.84	9485.5258	3.94369E+08	2.3784	69611.90	1.6314	56211.01
96	2202184-19 100X	0.7322	22283.63	0.2218	6256.13	985.8437	38292947.55	0.2203	5540.05	0.1590	5313.26
97	CCV	2.8769	89105.44	0.1921	5423.88	5.5938	217653.72	0.9640	24912.84	0.9411	32753.72
98	CCB	0.0011	43.33	-0.0011	92.86	0.5872	21660.70	0.0033	74.44	0.0001	10.00
99	IP220218-3MB ...	0.0016	56.67	-0.0012	88.10	0.5491	20163.16	0.0032	73.33	0.0003	16.67
100	IM220218-3LCS...	2.9451	88374.47	0.1820	5096.15	5.2654	202957.26	0.9346	23896.95	0.9768	32727.94
101	IM220218-3LCS...	2.9441	90926.58	0.1864	5238.10	5.2953	204952.70	0.9564	24576.98	0.9800	33559.96
102	2202183-1 10X	0.0069	230.01	-0.0008	111.43	0.3824	16241.08	0.0049	125.56	0.1178	4141.77
103	2202200-1 10X	0.0009	40.00	-0.0012	99.05	0.3438	14280.10	0.0040	100.00	0.4716	15775.38
104	2202201-1 10X	0.0008	36.67	-0.0017	83.81	0.3127	13223.06	0.0040	101.11	0.0016	62.22
105	2202202-1 10X	0.0011	43.33	-0.0021	70.95	0.3764	15390.68	0.0022	54.44	0.6408	21201.15
106	2202203-1 10X	0.0012	46.67	-0.0025	62.38	0.2972	12352.71	0.0037	92.22	0.3677	12180.78
107	2202251-1 10X	0.0120	376.69	-0.0023	64.76	0.5539	21473.98	0.0051	122.23	0.0061	214.45
108	2202251-1 100X	0.0007	33.33	-0.0023	67.14	0.2665	11235.60	0.0029	71.11	0.0009	38.89
109	CCV	2.8359	90745.10	0.1890	5463.90	5.0545	201415.82	0.9081	23972.81	0.9397	32983.35
110	CCB	0.0012	46.67	-0.0021	67.62	0.2180	8801.48	0.0038	87.78	0.0001	11.11
111	2202302-1 10X	0.0038	133.34	-0.0020	76.66	0.1939	8614.83	0.0035	90.00	0.0004	23.33
112	2202303-1 10X	0.0263	843.40	-0.0020	76.67	0.2331	10141.97	0.0096	244.45	3.4753	121837.92
113	2202303-2 10X	0.0287	933.41	-0.0022	70.00	0.2299	9971.87	0.0081	204.45	3.5569	125164.62
114	CCV	2.8261	92159.83	0.1864	5554.41	4.9296	202373.66	0.8957	24358.92	0.9453	34012.24
115	CCB	0.0006	33.33	-0.0026	58.57	0.1711	7311.10	0.0039	93.33	0.0008	35.55
116	IP220214-2MB 5X	0.0049	156.68	-0.0024	63.34	0.1747	7394.48	0.0030	72.22	0.0003	18.89
117	IM220214-2LCS...	5.7963	181999.42	0.3865	11045.60	9.8903	393511.68	2.0240	55812.30	1.9259	68789.11
118	2201396-2 5X	0.0625	2046.91	-0.0015	91.91	0.5680	23795.32	0.0265	685.59	0.5391	19349.64
119	2201396-3 5X	0.0029	106.67	-0.0019	80.48	0.1528	7097.75	0.0039	102.23	0.5137	18357.23
120	2201396-5 5X	0.0096	320.02	-0.0025	64.76	0.3321	14490.24	0.0049	127.78	1.3990	49414.60
121	2201396-6 5X	0.0015	60.00	-0.0027	58.09	0.1409	6577.63	0.0043	110.00	1.3814	48718.90
122	2201396-7 5X	0.0037	130.01	-0.0031	46.19	0.1345	6390.88	0.0028	72.22	0.4447	15750.79
123	2201396-8 5X	0.0047	160.01	-0.0031	45.71	0.1661	7674.51	0.0032	83.34	0.4421	15642.99
124	2201396-10 5X	0.0016	63.34	-0.0029	53.81	0.1274	6134.17	0.0025	64.44	0.1397	4966.47

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
125	2201396-11 5X	0.0004	23.33	-0.0029	52.38	0.1285	6117.52	0.0020	52.22	0.1365	4818.63
126	CCV	2.8291	92595.90	0.1875	5656.35	4.9943	207596.39	0.8947	24627.07	0.9595	35265.20
127	CCB	0.0021	76.67	-0.0024	62.38	0.1245	5600.78	0.0031	76.67	0.0002	14.44
128	2201396-12 5X	0.0031	113.34	-0.0029	54.76	0.1198	5917.40	0.0042	111.11	0.1403	5060.94
129	2201396-13 5X	0.0002	20.00	-0.0030	51.91	0.1116	5530.71	0.0026	68.89	0.1377	4945.36
130	2202146-3 5X	0.0015	60.00	-0.0028	57.15	0.1225	5960.82	0.0023	60.00	1.8020	65149.70
131	2202146-4 5X	0.0016	63.34	-0.0030	50.00	0.1098	5484.03	0.0026	70.00	1.8425	66311.38
132	2202148-1 5X	0.0042	146.68	-0.0027	59.05	0.1170	5694.10	0.0028	72.22	6.1682	221697.74
133	2202148-2 5X	0.0011	46.67	-0.0025	64.76	0.0978	4930.58	0.0020	52.22	6.0995	219808.61
134	2202148-2L 25X	0.0005	26.67	-0.0028	57.14	0.0981	4937.26	0.0025	66.66	1.2055	43070.25
135	2202148-2MS 5X	5.7081	183031.82	0.3965	11469.72	9.8528	396983.07	2.0507	57327.87	8.1205	294128.27
136	2202148-2MSD...	5.8510	188003.10	0.4019	11571.71	9.9604	399548.06	2.2024	61643.89	8.2128	298771.48
137	2202148-2A 5X	2.8943	93226.35	0.1920	5790.69	4.9746	206845.07	1.0652	29519.30	7.2086	266132.94
138	CCV	2.8576	91596.69	0.1892	5587.28	4.9357	200880.26	0.9531	25739.18	0.9501	34235.06
139	CCB	0.0010	43.33	-0.0029	51.43	0.0948	4527.19	0.0053	130.00	0.0001	11.11
140	2202148-5 5X	0.0034	123.34	-0.0033	41.43	0.1059	5280.64	0.0042	110.00	3.8780	140548.62
141	2202148-6 5X	0.0009	43.34	-0.0029	53.34	0.0925	4723.89	0.0031	82.22	3.8238	141567.15
142	2202148-7 5X	0.0037	133.34	-0.0033	43.33	0.0998	5073.94	0.0045	118.89	1.7602	64851.79
143	2202148-8 5X	0.0022	83.34	-0.0035	35.24	0.0837	4383.82	0.0034	88.89	1.7499	64234.64
144	CCV	2.8087	97745.36	0.1875	5846.43	4.9058	210806.52	0.8999	25605.03	0.9241	35741.95
145	CCB	0.0005	30.00	-0.0028	56.19	0.0897	4633.86	0.0052	136.67	0.0006	32.22
146	IP220207-2MB ...	0.0013	53.33	-0.0032	44.76	0.0871	4440.50	0.0024	63.33	0.0009	42.22
147	IM220207-2LCS...	2.8539	98710.07	0.1733	5478.66	4.9372	214694.61	0.8864	25510.61	0.9387	36649.30
148	2202027-1 10X	0.0033	126.68	-0.0021	80.95	0.0799	4507.20	0.0067	187.78	0.0128	508.91
149	2202027-1L 50X	0.0028	110.01	-0.0029	55.24	0.0760	4297.16	0.0039	110.00	0.0027	111.11
150	2202027-1MS 10X	2.8954	101565.46	0.1706	5515.82	4.8409	215163.42	0.8964	26379.17	0.9548	38053.91
151	2202027-1MSD ...	2.9155	101857.12	0.1852	5939.80	5.0319	222314.97	1.0012	29414.84	0.9752	38866.10
152	2202027-1A 10X	2.8875	100398.69	0.1915	6113.20	4.9696	218685.82	1.0156	29733.16	0.9490	37726.94
153	2202027-3 10X	0.0102	373.37	-0.0022	71.43	0.0752	3923.77	0.0080	210.06	0.1657	5883.50
154	2202027-7 10X	0.0125	393.36	-0.0024	65.24	0.0803	4040.43	0.0048	120.00	2.9275	101558.53
155	2202027-10 10X	0.0110	356.69	-0.0027	57.14	0.0778	3930.40	0.0033	82.23	0.0259	906.71

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
156	CCV	2.8320	92298.37	0.1901	5558.70	4.9882	201085.09	0.9201	24581.36	0.9185	33272.61
157	CCB	0.0012	46.67	-0.0026	56.67	0.0653	3333.65	0.0047	113.34	0.0003	17.78
158	2202027-15 10X	0.0072	240.01	-0.0033	40.48	0.0984	4833.90	0.0045	114.45	0.0278	988.94
159	2202027-18 10X	0.0124	403.36	-0.0029	54.28	0.0703	3770.36	0.0044	115.56	0.0139	504.46
160	2202027-22 10X	0.0020	76.67	-0.0036	31.91	0.0783	4050.44	0.0033	85.56	0.0052	194.45
161	2202027-25 10X	0.0076	253.35	-0.0028	54.29	0.0727	3860.38	0.0034	88.89	0.0156	560.02
162	2202027-28 10X	0.0019	73.34	-0.0023	69.05	0.0668	3590.37	0.0023	60.00	0.0471	1670.13
163	2202027-33 10X	0.0034	120.01	-0.0033	41.91	0.0727	3857.07	0.0028	72.22	0.2408	8461.47
164	2202031-3 10X	0.0100	336.68	-0.0030	50.48	0.0671	3690.38	0.0042	110.00	0.0204	748.92
165	2202031-7 10X	0.0080	273.35	-0.0031	47.62	0.0640	3597.03	0.0028	75.56	0.0832	3062.60
166	2202031-12 10X	0.0086	296.69	-0.0033	43.81	0.0633	3580.37	0.0031	82.22	0.0667	2445.80
167	2202033-2 10X	0.0212	710.05	-0.0034	40.95	0.0788	4233.80	0.0044	118.89	0.0615	2263.55
168	CCV	2.8440	97080.98	0.1814	5661.11	4.9908	214464.60	0.8727	24809.53	0.9097	35098.12
169	CCB	0.0026	96.67	-0.0033	42.38	0.0620	3473.67	0.0038	98.89	0.0006	32.22
170	2202033-6 10X	0.0156	560.04	-0.0031	49.52	0.0799	4430.49	0.0048	134.45	0.0800	3110.38
171	2202033-10 10X	0.0116	410.02	-0.0030	53.33	0.2144	10145.22	0.0030	83.34	0.0793	3085.94
172	2202033-14 10X	0.0931	3200.48	-0.0022	77.62	0.1795	8748.13	0.0089	247.79	0.1664	6448.17
173	CCV	2.8621	99391.03	0.1883	6046.98	4.9722	219982.10	0.9008	26389.93	0.9254	36421.27
174	CCB	0.0024	90.00	-0.0033	41.91	0.0654	3603.70	0.0037	96.67	0.0003	18.89
175	RINSE	0.0063	220.01	-0.0002	131.91	0.0734	3940.42	0.0278	733.37	0.0057	216.67
176	RINSE	0.0053	186.68	0.0000	136.67	0.0681	3710.38	0.0207	543.35	0.0050	188.89
177	RINSE	0.0071	243.34	0.0002	141.91	0.0708	3783.71	0.0189	491.13	0.0050	187.78
178	RINSE	0.0067	226.68	0.0003	147.14	0.0678	3693.70	0.0171	447.79	0.0055	207.78

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	6818630.94		3629976.93	100.0	282584.86	100.0	1867218.98	100.0	135027.75	100.0
2	RINSE	6874149.90		3666386.72	100.0	282132.62	100.0	1846248.05	100.0	132242.67	100.0
3	RINSE	7019071.56		3689112.66	100.0	272226.42	100.0	1687951.38	100.0	114021.88	100.0
4	RINSE	6444057.61		3402049.22	100.0	271857.77	100.0	1565672.79	100.0	111801.31	100.0
5	RINSE	6575760.94		3460003.60	100.0	270866.08	100.0	1562216.85	100.0	112572.76	100.0
6	BLANK	6519677.40		3439000.47	100.0	274156.56	100.0	1591080.13	100.0	115932.54	100.0
7	H/1000	6587146.78		3486055.57	101.4	276428.13	100.8	1607309.30	101.0	115979.61	100.0
8	H/100	7000810.93		3673259.74	106.8	297377.94	108.5	1646831.38	103.5	123725.33	106.7
9	H/10	7305352.60		3816112.97	111.0	308837.27	112.6	1761496.28	110.7	127245.06	109.8
10	HIGH	8050352.59		4012761.19	116.7	313967.55	114.5	1842850.91	115.8	132584.55	114.4
11	RINSE	6865345.73		3678213.07	107.0	295165.73	107.7	1917162.58	120.5	143005.14	123.4
12	BLANK	6499133.86		3436813.49	99.9	301765.02	110.1	1561929.72	98.2	123408.53	106.4
13	ICV	7262639.89		3721109.11	108.2	313516.34	114.4	1709588.62	107.4	127000.40	109.5
14	ICB	6720409.90		3566815.99	103.7	288975.15	105.4	1614762.58	101.5	120313.30	103.8
15	LIV	7665210.51		4021912.96	117.0	301666.52	110.0	1787352.27	112.3	124424.60	107.3
16	ICSA	7459480.10		3840495.15	111.7	317447.70	115.8	1784889.77	112.2	131990.33	113.9
17	ICSAB	7690076.97		3943521.71	114.7	327052.71	119.3	1823256.79	114.6	135746.98	117.1
18	CCV	7956434.26		4099839.00	119.2	349187.14	127.4	1855642.53	116.6	143198.80	123.5
19	CCB	6998271.15		3698947.66	107.6	302012.83	110.2	1684504.45	105.9	123803.95	106.8
20	IP220110-2MB ...	6956608.02		3674987.97	106.9	310181.22	113.1	1674987.79	105.3	126047.80	108.7
21	IM220110-2RVS...	7055918.65		3688561.61	107.3	300759.98	109.7	1657173.36	104.2	122123.69	105.3
22	IM220110-1RVS...	7579551.56		3970133.90	115.4	332299.09	121.2	1794242.00	112.8	137397.15	118.5
23	IM220110-1LCS...	7868966.34		4127743.58	120.0	341667.66	124.6	1866096.27	117.3	139935.41	120.7
24	IM220110-1LCS...	8066323.84		4198787.44	122.1	344198.46	125.5	1894610.39	119.1	141932.16	122.4
25	CCV	8563123.20		4409593.48	128.2	357601.23	130.4	1976704.55	124.2	148649.57	128.2
26	CCB	7689051.97		4092439.42	119.0	329287.44	120.1	1839973.93	115.6	134444.72	116.0
27	IP220110-3MB ...	7707530.72		4049300.15	117.7	328510.07	119.8	1822298.36	114.5	137744.45	118.8
28	IM220110-5RVS...	7891303.42		4152039.94	120.7	340366.19	124.2	1890010.50	118.8	143550.43	123.8
29	IM220110-4RVS...	7916778.63		4143055.25	120.5	330411.73	120.5	1891888.72	118.9	140711.94	121.4
30	IM220110-3LCS...	7976637.59		4159965.67	121.0	338737.61	123.6	1905330.08	119.8	145638.61	125.6
31	IM220110-3LCS...	8141507.59		4222077.75	122.8	354862.96	129.4	1983496.79	124.7	151013.83	130.3

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCV	8217522.58		4266467.44	124.1	356668.73	130.1	1944935.91	122.2	147694.02	127.4
33	CCB	6351231.57		3340488.07	97.1	273031.94	99.6	1502987.63	94.5	113709.86	98.1
34	IP220110-4MB ...	6539044.70		3442039.74	100.1	282979.53	103.2	1612106.12	101.3	120769.09	104.2
35	IM220110-8RVS...	6818733.65		3594299.01	104.5	293109.24	106.9	1679609.09	105.6	125885.47	108.6
36	IM220110-7RVS...	7240868.02		3798518.80	110.5	305512.48	111.4	1764643.88	110.9	131892.47	113.8
37	IM220110-4LCS...	7821391.97		4110139.73	119.5	349722.19	127.6	1918789.71	120.6	146837.12	126.7
38	IM220110-4LCS...	7925322.59		4131701.81	120.1	344533.77	125.7	1899696.48	119.4	142505.21	122.9
39	CCV	7677214.89		3957675.15	115.1	331203.65	120.8	1818672.58	114.3	136887.64	118.1
40	CCB	6730185.52		3583506.20	104.2	294068.00	107.3	1628045.39	102.3	121677.34	105.0
41	IP220110-5MB ...	6777470.31		3603842.55	104.8	292615.96	106.7	1647174.46	103.5	124413.24	107.3
42	IM220110-11RV...	6660239.90		3522848.49	102.4	292959.70	106.9	1642612.32	103.2	122621.55	105.8
43	IM220110-10RV...	6888698.23		3588033.49	104.3	295087.96	107.6	1684651.49	105.9	127517.89	110.0
44	IM220110-5LCS...	7602303.64		3989059.00	116.0	327063.62	119.3	1846031.80	116.0	140871.08	121.5
45	IM220110-5LCS...	7562471.14		3944005.15	114.7	324199.94	118.3	1831761.38	115.1	139855.55	120.6
46	CCV	7576471.34		3909528.69	113.7	328487.75	119.8	1787208.98	112.3	137284.37	118.4
47	CCB	6829149.06		3582485.68	104.2	294799.12	107.5	1630735.08	102.5	121301.87	104.6
48	IP220221-1MB ...	7283652.81		3841131.09	111.7	319861.35	116.7	1751713.10	110.1	137193.98	118.3
49	IM220221-1LCS...	7342111.56		3865608.79	112.4	320043.20	116.7	1785363.36	112.2	136361.80	117.6
50	IM220221-1LCS...	7348898.64		3864981.61	112.4	339162.70	123.7	1787686.64	112.4	143617.93	123.9
51	2202184-1 10X	7816976.13		4084996.92	118.8	344412.26	125.6	1853630.70	116.5	143691.86	123.9
52	2202184-1 100X	7511706.55		3942999.63	114.7	325068.76	118.6	1785596.12	112.2	134856.61	116.3
53	2202184-2 10X	7766073.43		4094282.75	119.1	340649.06	124.3	1840172.37	115.7	139805.71	120.6
54	2202184-2 100X	7258964.06		3815285.05	110.9	329551.98	120.2	1720450.03	108.1	136169.43	117.5
55	2202184-3 10X	7630135.93		4011181.19	116.6	335328.13	122.3	1790341.59	112.5	136466.84	117.7
56	2202184-3 100X	7169912.39		3745145.88	108.9	311977.49	113.8	1682595.91	105.8	127650.57	110.1
57	CCV	7740492.39		3986861.81	115.9	330214.68	120.4	1815611.38	114.1	137356.73	118.5
58	CCB	6983701.77		3659130.26	106.4	299178.84	109.1	1656179.56	104.1	122991.04	106.1
59	2202184-4 10X	8203380.29		4276547.02	124.4	355999.45	129.9	1907996.59	119.9	143645.98	123.9
60	2202184-4 100X	7418505.93		3881792.13	112.9	321482.94	117.3	1731664.92	108.8	131967.66	113.8
61	2202184-5 10X	7880053.63		4161526.19	121.0	352031.74	128.4	1907105.34	119.9	145121.51	125.2
62	2202184-5 100X	7417218.64		3885893.80	113.0	326335.39	119.0	1738252.84	109.2	131223.99	113.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2202184-6 10X	7949992.59		4146697.86	120.6	348722.06	127.2	1874118.25	117.8	142535.61	122.9
64	2202184-6 100X	7519645.51		3923825.26	114.1	327056.00	119.3	1764739.14	110.9	133829.15	115.4
65	2202184-7 10X	7921478.01		4205110.77	122.3	345230.79	125.9	1917554.87	120.5	142262.36	122.7
66	2202184-7 100X	7458544.47		3951572.03	114.9	333406.87	121.6	1765643.57	111.0	136574.16	117.8
67	2202184-8 10X	8015882.80		4333863.90	126.0	364911.41	133.1	1910191.22	120.1	142893.77	123.3
68	2202184-8 100X	7659901.14		4023266.71	117.0	340865.41	124.3	1787389.51	112.3	138540.49	119.5
69	CCV	8230077.80		4251500.14	123.6	350658.13	127.9	1916432.47	120.4	143638.19	123.9
70	CCB	7342473.02		3836172.76	111.5	318269.00	116.1	1755590.39	110.3	132908.25	114.6
71	2202184-9 10X	8250758.00		4346288.89	126.4	366049.16	133.5	2021843.30	127.1	150264.23	129.6
72	2202184-9 100X	7792494.05		4093166.71	119.0	343417.95	125.3	1812116.33	113.9	140840.23	121.5
73	2202184-10 10X	8210663.42		4425048.69	128.7	378136.13	137.9	1953587.89	122.8	149877.48	129.3
74	2202184-10 100X	7814165.09		4086604.73	118.8	362139.97	132.1	1789839.82	112.5	145864.50	125.8
75	2202184-11 10X	8215766.33		4349759.73	126.5	370332.52	135.1	1965114.34	123.5	149694.20	129.1
76	2202184-11 100X	7722905.09		4033452.65	117.3	344301.01	125.6	1819417.63	114.4	140601.51	121.3
77	2202184-12 10X	8197464.46		4425962.65	128.7	369817.79	134.9	1931065.13	121.4	149564.25	129.0
78	2202184-12 100X	7711348.84		4054345.36	117.9	344252.38	125.6	1802835.86	113.3	139819.21	120.6
79	2202184-13 10X	8280972.59		4431620.35	128.9	369953.98	134.9	1975932.73	124.2	148718.41	128.3
80	2202184-13 100X	7758113.01		4098633.17	119.2	344469.45	125.6	1796987.63	112.9	140716.20	121.4
81	CCV	8054256.34		4170519.52	121.3	348245.24	127.0	1878502.16	118.1	144474.35	124.6
82	CCB	7421420.31		3908925.78	113.7	330152.50	120.4	1756667.79	110.4	136163.73	117.5
83	2202184-14 10X	8480046.54		4525787.02	131.6	381092.70	139.0	2036205.60	128.0	153236.66	132.2
84	2202184-14 100X	7837440.09		4080919.21	118.7	350094.88	127.7	1842803.88	115.8	141467.89	122.0
85	2202184-15 10X	8153836.13		4285123.89	124.6	361601.60	131.9	1947662.05	122.4	149865.18	129.3
86	2202184-15 100X	7669093.22		4057441.71	118.0	323052.80	117.8	1803750.28	113.4	132442.18	114.2
87	2202184-16 10X	7467572.39		3951404.32	114.9	330717.64	120.6	1760356.85	110.6	133290.61	115.0
88	2202184-16 100X	6926053.86		3649558.07	106.1	306811.01	111.9	1624565.60	102.1	125788.50	108.5
89	2202184-17 10X	7645011.97		4131544.21	120.1	341655.50	124.6	1826528.51	114.8	135378.75	116.8
90	2202184-17 100X	7042482.60		3741518.17	108.8	314511.46	114.7	1660061.17	104.3	126914.14	109.5
91	2202184-18 10X	7382901.55		3883668.27	112.9	327643.64	119.5	1760468.83	110.6	131662.43	113.6
92	2202184-18 100X	6971530.94		3677839.73	106.9	331202.76	120.8	1623292.32	102.0	133972.73	115.6
93	CCV	7404847.39		3834378.49	111.5	319942.40	116.7	1736608.51	109.1	132834.87	114.6

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	CCB	6678695.73		3523690.26	102.5	287600.91	104.9	1603496.85	100.8	119591.57	103.2
95	2202184-19 10X	7807140.92		4037516.08	117.4	337990.27	123.3	1866447.06	117.3	140766.50	121.4
96	2202184-19 100X	7279796.98		3821464.32	111.1	314452.52	114.7	1709229.51	107.4	129910.20	112.1
97	CCV	7622157.18		3935949.42	114.5	321979.24	117.4	1787456.59	112.3	134940.93	116.4
98	CCB	6793023.86		3548871.93	103.2	287653.69	104.9	1621811.64	101.9	121029.81	104.4
99	IP220218-3MB ...	6798500.11		3561072.34	103.5	289459.69	105.6	1602046.80	100.7	120740.97	104.1
100	IM220218-3LCS...	7412159.47		3859496.92	112.2	317540.92	115.8	1732208.67	108.9	132252.81	114.1
101	IM220218-3LCS...	7580232.80		3926999.32	114.2	322156.41	117.5	1783023.15	112.1	134304.81	115.8
102	2202183-1 10X	7699787.59		4078420.46	118.6	328925.99	120.0	1843435.91	115.9	139139.52	120.0
103	2202200-1 10X	7441345.93		3894451.71	113.2	317428.95	115.8	1754354.56	110.3	132258.85	114.1
104	2202201-1 10X	7390540.93		3856892.65	112.2	313704.83	114.4	1727157.84	108.6	129742.98	111.9
105	2202202-1 10X	7289044.48		3832726.92	111.4	313559.82	114.4	1701059.77	106.9	128358.52	110.7
106	2202203-1 10X	7428340.31		3866638.38	112.4	312463.53	114.0	1717812.27	108.0	129101.56	111.4
107	2202251-1 10X	7704625.30		3907072.86	113.6	320344.14	116.8	1761841.07	110.7	133912.72	115.5
108	2202251-1 100X	7394415.51		3837806.09	111.6	318266.69	116.1	1718237.16	108.0	130405.04	112.5
109	CCV	7854515.30		4015805.05	116.8	331077.33	120.8	1825218.36	114.7	138319.26	119.3
110	CCB	7048781.98		3691260.78	107.3	297991.28	108.7	1677370.24	105.4	123010.53	106.1
111	2202302-1 10X	7966196.97		4049506.40	117.8	335807.17	122.5	1825927.89	114.8	136611.32	117.8
112	2202303-1 10X	7886973.84		3999292.33	116.3	329539.95	120.2	1828305.55	114.9	137196.54	118.3
113	2202303-2 10X	7887213.22		4074265.46	118.5	326674.52	119.2	1813293.72	114.0	133866.23	115.5
114	CCV	7994511.13		4110158.48	119.5	336951.93	122.9	1847423.15	116.1	139240.81	120.1
115	CCB	8023050.51		4196174.42	122.0	303877.19	110.8	1882548.10	118.3	125250.86	108.0
116	IP220214-2MB 5X	7146035.31		3755432.03	109.2	305432.01	111.4	1761397.89	110.7	133993.57	115.6
117	IM220214-2LCS...	7712700.09		3956626.40	115.1	329967.26	120.4	1901602.58	119.5	145945.35	125.9
118	2201396-2 5X	7963364.26		4126465.77	120.0	335943.69	122.5	1963735.13	123.4	149843.97	129.3
119	2201396-3 5X	7797007.18		4038740.67	117.4	332681.11	121.3	1933768.09	121.5	147396.30	127.1
120	2201396-5 5X	7734215.93		3990207.75	116.0	331511.31	120.9	1889313.26	118.7	144362.73	124.5
121	2201396-6 5X	7650136.97		3973603.79	115.5	329850.41	120.3	1866784.14	117.3	142760.18	123.1
122	2201396-7 5X	7631413.43		3991170.25	116.1	327475.12	119.4	1884707.58	118.5	140627.77	121.3
123	2201396-8 5X	7539030.93		3946483.90	114.8	324297.69	118.3	1839594.45	115.6	140853.35	121.5
124	2201396-10 5X	7526608.43		3936796.92	114.5	328102.50	119.7	1848223.46	116.2	142104.48	122.6

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	2201396-11 5X	7580345.09		3943425.25	114.7	324868.26	118.5	1841815.65	115.8	138882.72	119.8
126	CCV	7817279.26		4053139.31	117.9	336326.21	122.7	1840281.54	115.7	137951.87	119.0
127	CCB	7075615.31		3777679.11	109.8	303638.77	110.8	1677746.69	105.4	124334.84	107.2
128	2201396-12 5X	7818489.05		4056259.52	117.9	334726.64	122.1	1892743.10	119.0	144268.39	124.4
129	2201396-13 5X	7844926.76		4049798.17	117.8	332910.04	121.4	1901805.39	119.5	142941.68	123.3
130	2202146-3 5X	7702809.47		3992247.13	116.1	328921.34	120.0	1879050.39	118.1	142438.53	122.9
131	2202146-4 5X	7702016.55		4011420.88	116.6	330246.65	120.5	1871961.59	117.7	142318.69	122.8
132	2202148-1 5X	7740872.38		3987316.71	115.9	330159.69	120.4	1864351.90	117.2	140853.65	121.5
133	2202148-2 5X	7691904.89		4025215.25	117.0	330717.48	120.6	1859543.46	116.9	139659.92	120.5
134	2202148-2L 25X	7322445.31		3826576.30	111.3	322344.25	117.6	1750082.27	110.0	133619.84	115.3
135	2202148-2MS 5X	7639668.22		3944182.44	114.7	328458.44	119.8	1810544.82	113.8	141569.95	122.1
136	2202148-2MSD...	7609689.47		3940448.07	114.6	331652.93	121.0	1837478.30	115.5	141775.56	122.3
137	2202148-2A 5X	7624408.64		3926936.71	114.2	340355.74	124.1	1826816.48	114.8	144378.71	124.5
138	CCV	7538501.35		3936293.80	114.5	328471.75	119.8	1760868.00	110.7	131698.54	113.6
139	CCB	6992032.19		3705515.05	107.7	307531.22	112.2	1653372.68	103.9	125556.61	108.3
140	2202148-5 5X	7783985.51		4032227.02	117.2	333974.67	121.8	1838328.62	115.5	141479.92	122.0
141	2202148-6 5X	7938969.05		4069273.27	118.3	337818.52	123.2	1886587.42	118.6	146055.64	126.0
142	2202148-7 5X	7846592.80		4024731.61	117.0	337842.45	123.2	1890907.32	118.8	144590.72	124.7
143	2202148-8 5X	7895884.67		4098279.32	119.2	333520.99	121.7	1918845.75	120.6	144546.97	124.7
144	CCV	8186858.63		4256860.56	123.8	351572.64	128.2	1911301.90	120.1	142683.50	123.1
145	CCB	7597079.68		3988417.86	116.0	330070.01	120.4	1785261.48	112.2	133868.40	115.5
146	IP220207-2MB ...	7525687.81		3957578.69	115.1	326277.59	119.0	1791362.89	112.6	134984.32	116.4
147	IM220207-2LCS...	8144707.80		4286114.83	124.6	354372.18	129.3	1936999.61	121.7	147916.55	127.6
148	2202027-1 10X	8269619.88		4354947.64	126.6	361041.91	131.7	1961972.10	123.3	149624.48	129.1
149	2202027-1L 50X	8047462.38		4236120.77	123.2	351122.69	128.1	1897316.12	119.2	143597.68	123.9
150	2202027-1MS 10X	8312680.29		4338707.02	126.2	364654.99	133.0	1956556.38	123.0	151683.75	130.8
151	2202027-1MSD ...	8287504.04		4335333.06	126.1	365113.64	133.2	1963324.29	123.4	151296.39	130.5
152	2202027-1A 10X	8264336.33		4308635.04	125.3	361040.31	131.7	1937947.99	121.8	148252.74	127.9
153	2202027-3 10X	8311423.21		4400618.58	128.0	325736.56	118.8	1956602.42	123.0	133647.43	115.3
154	2202027-7 10X	7422574.26		3895332.44	113.3	318811.75	116.3	1741727.16	109.5	132156.81	114.0
155	2202027-10 10X	7421633.85		3901181.19	113.4	320580.62	116.9	1756102.06	110.4	134770.26	116.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCV	7911085.72		4014881.40	116.7	334737.17	122.1	1838269.03	115.5	139459.38	120.3
157	CCB	7101097.81		3755125.57	109.2	304805.95	111.2	1717838.93	108.0	126740.62	109.3
158	2202027-15 10X	7612986.55		4006845.26	116.5	328907.61	120.0	1809042.99	113.7	137623.25	118.7
159	2202027-18 10X	7613887.59		4006729.31	116.5	326873.48	119.2	1812543.25	113.9	136113.97	117.4
160	2202027-22 10X	7611600.93		3949184.00	114.8	324301.24	118.3	1776140.91	111.6	134719.37	116.2
161	2202027-25 10X	7589668.64		3958631.92	115.1	321357.73	117.2	1778639.04	111.8	134806.09	116.3
162	2202027-28 10X	7512165.51		3947268.80	114.8	323290.14	117.9	1782799.87	112.0	135297.37	116.7
163	2202027-33 10X	7478556.97		3944880.77	114.7	323179.70	117.9	1788421.12	112.4	134464.76	116.0
164	2202031-3 10X	7693136.97		4033572.34	117.3	334089.41	121.9	1820786.33	114.4	137985.84	119.0
165	2202031-7 10X	7795909.47		4070891.08	118.4	336901.74	122.9	1833799.92	115.3	138833.13	119.8
166	2202031-12 10X	7821356.55		4097886.61	119.2	333960.83	121.8	1827786.64	114.9	138589.32	119.5
167	2202033-2 10X	7901979.26		4137000.67	120.3	335818.26	122.5	1857458.15	116.7	138629.08	119.6
168	CCV	8329283.00		4291351.92	124.8	351844.49	128.3	1890166.90	118.8	143890.79	124.1
169	CCB	7727905.72		4020017.44	116.9	334083.82	121.9	1826853.04	114.8	137133.42	118.3
170	2202033-6 10X	8285159.88		4352807.95	126.6	354009.59	129.1	1959895.39	123.2	149208.32	128.7
171	2202033-10 10X	8246675.71		4312722.85	125.4	352980.65	128.8	1954084.81	122.8	147951.97	127.6
172	2202033-14 10X	8172928.00		4279141.60	124.4	355696.15	129.7	1944605.12	122.2	145995.43	125.9
173	CCV	8394004.46		4380951.50	127.4	362361.96	132.2	1951093.30	122.6	147135.47	126.9
174	CCB	7741072.38		4055250.05	117.9	331987.88	121.1	1826153.88	114.8	135243.12	116.7
175	RINSE	8014185.51		4171098.06	121.3	336686.93	122.8	1970159.92	123.8	149594.54	129.0
176	RINSE	7926724.47		4115060.04	119.7	334783.97	122.1	1992817.52	125.2	148772.97	128.3
177	RINSE	7922647.38		4137106.08	120.3	334608.23	122.1	1973343.88	124.0	149607.43	129.0
178	RINSE	7959422.80		4156883.17	120.9	333505.50	121.6	1992247.94	125.2	148689.39	128.3

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	9917292.98	100.0	2706832.56	100.0	9921708.21	100.0	1643819.03	100.0	2294020.64	100.0
2	RINSE	10019364.85	100.0	2750788.29	100.0	9999164.80	100.0	1677382.27	100.0	2305409.39	100.0
3	RINSE	10194405.06	100.0	2711329.12	100.0	10187107.93	100.0	1641090.50	100.0	2382241.27	100.0
4	RINSE	9376958.40	100.0	2697844.65	100.0	9398668.11	100.0	1645796.83	100.0	2185008.20	100.0
5	RINSE	9603562.98	100.0	2692037.98	100.0	9627278.05	100.0	1637615.07	100.0	2266747.83	100.0
6	BLANK	9443121.94	100.0	2741077.98	100.0	9494672.28	100.0	1645322.60	100.0	2191429.29	100.0
7	H/1000	9611630.90	101.8	2834790.06	103.4	9652649.34	101.7	1704868.80	103.6	2248736.27	102.6
8	H/100	10090634.23	106.9	2944666.73	107.4	10254818.65	108.0	1825409.92	110.9	2373189.60	108.3
9	H/10	10466095.88	110.8	2973140.06	108.5	10623450.35	111.9	1857551.15	112.9	2463208.87	112.4
10	HIGH	10758765.26	113.9	2891782.04	105.5	11076130.58	116.7	1792920.95	109.0	2570258.71	117.3
11	RINSE	10030971.73	106.2	2870997.46	104.7	10070809.79	106.1	1739781.80	105.7	2344120.33	107.0
12	BLANK	9593583.40	101.6	2966871.00	108.2	9636633.66	101.5	1803225.99	109.6	2242724.55	102.3
13	ICV	10352266.30	109.6	3027921.31	110.5	10551604.93	111.1	1857858.01	112.9	2467161.01	112.6
14	ICB	9922817.77	105.1	2880284.33	105.1	9882386.44	104.1	1765560.34	107.3	2325835.17	106.1
15	LIV	11341637.12	120.1	2974853.39	108.5	11375261.41	119.8	1819294.34	110.6	2646501.73	120.8
16	ICSA	10426130.89	110.4	3067121.83	111.9	10743203.22	113.1	1921586.20	116.8	2496652.62	113.9
17	ICSAB	10638401.93	112.7	3077543.81	112.3	11000515.53	115.9	1928551.72	117.2	2531127.46	115.5
18	CCV	11327308.58	120.0	3316129.43	121.0	11330246.15	119.3	2047581.59	124.4	2654326.37	121.1
19	CCB	10320957.34	109.3	2962135.16	108.1	10351668.07	109.0	1801872.68	109.5	2374573.92	108.4
20	IP220110-2MB ...	10107787.97	107.0	3022075.48	110.3	10239552.75	107.8	1863478.92	113.3	2344481.79	107.0
21	IM220110-2RVS...	10227739.22	108.3	2919051.10	106.5	10193378.53	107.4	1787598.30	108.6	2388566.63	109.0
22	IM220110-1RVS...	11136746.29	117.9	3260437.35	118.9	11151852.75	117.5	1998756.93	121.5	2538384.55	115.8
23	IM220110-1LCS...	11502996.50	121.8	3286849.85	119.9	11549606.53	121.6	2028120.54	123.3	2626814.60	119.9
24	IM220110-1LCS...	11682708.58	123.7	3319361.51	121.1	11647795.20	122.7	2044127.45	124.2	2725649.23	124.4
25	CCV	12180845.23	129.0	3479697.03	126.9	12378798.29	130.4	2135535.35	129.8	2822241.94	128.8
26	CCB	11421110.66	120.9	3246424.22	118.4	11444898.19	120.5	1985868.00	120.7	2625515.48	119.8
27	IP220110-3MB ...	11189484.00	118.5	3261209.12	119.0	11290294.53	118.9	1962738.75	119.3	2620719.70	119.6
28	IM220110-5RVS...	11535014.41	122.2	3339439.43	121.8	11553537.59	121.7	2051717.62	124.7	2678921.42	122.2
29	IM220110-4RVS...	11487902.33	121.7	3272990.89	119.4	11436430.45	120.5	2001398.81	121.6	2635245.27	120.3
30	IM220110-3LCS...	11594861.08	122.8	3331970.58	121.6	11574203.67	121.9	2041051.36	124.1	2675975.90	122.1
31	IM220110-3LCS...	11886026.91	125.9	3430393.49	125.1	11896948.41	125.3	2089167.85	127.0	2766830.06	126.3

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCV	11810744.82	125.1	3407785.68	124.3	11923442.63	125.6	2130970.33	129.5	2777775.38	126.8
33	CCB	9223090.70	97.7	2679344.86	97.7	9247118.04	97.4	1643768.14	99.9	2167151.53	98.9
34	IP220110-4MB ...	9531705.48	100.9	2776099.96	101.3	9564520.16	100.7	1676275.72	101.9	2230932.10	101.8
35	IM220110-8RVS...	9975758.60	105.6	2857363.50	104.2	10037464.17	105.7	1751127.89	106.4	2308739.71	105.4
36	IM220110-7RVS...	10521040.47	111.4	2994398.39	109.2	10484946.69	110.4	1833642.74	111.4	2435200.90	111.1
37	IM220110-4LCS...	11311499.42	119.8	3387847.55	123.6	11411911.64	120.2	2083241.78	126.6	2616265.43	119.4
38	IM220110-4LCS...	11501403.58	121.8	3321104.53	121.2	11553001.61	121.7	2023711.33	123.0	2677184.39	122.2
39	CCV	10945599.00	115.9	3199441.31	116.7	11145212.76	117.4	2024311.12	123.0	2566925.17	117.1
40	CCB	9939387.77	105.3	2909898.40	106.2	9985527.94	105.2	1750361.65	106.4	2323538.56	106.0
41	IP220110-5MB ...	9942832.56	105.3	2906322.87	106.0	9945664.76	104.7	1772004.31	107.7	2345436.06	107.0
42	IM220110-11RV...	9799637.56	103.8	2888675.48	105.4	9896936.18	104.2	1768272.94	107.5	2333564.60	106.5
43	IM220110-10RV...	10009081.10	106.0	2928756.94	106.8	9973869.39	105.0	1793915.25	109.0	2340150.69	106.8
44	IM220110-5LCS...	11059328.17	117.1	3261219.12	119.0	11128175.93	117.2	1982604.09	120.5	2589115.64	118.1
45	IM220110-5LCS...	10988193.59	116.4	3168024.64	115.6	11059019.57	116.5	1937921.96	117.8	2578241.00	117.7
46	CCV	10863253.59	115.0	3159354.85	115.3	11034640.34	116.2	1942412.27	118.1	2564072.36	117.0
47	CCB	9986423.19	105.8	2891921.83	105.5	9964489.49	104.9	1798192.50	109.3	2343185.64	106.9
48	IP220221-1MB ...	10756399.42	113.9	3156486.00	115.2	10763344.09	113.4	1941708.60	118.0	2490014.44	113.6
49	IM220221-1LCS...	10705303.59	113.4	3109941.62	113.5	10766827.22	113.4	1931749.72	117.4	2508614.03	114.5
50	IM220221-1LCS...	10775047.76	114.1	3275460.58	119.5	10826287.29	114.0	2025289.31	123.1	2518954.70	114.9
51	2202184-1 10X	11024435.25	116.7	3221067.97	117.5	11270406.49	118.7	1979647.53	120.3	2605496.11	118.9
52	2202184-1 100X	10858882.55	115.0	3171938.60	115.7	10996363.09	115.8	1951456.31	118.6	2536261.16	115.7
53	2202184-2 10X	10960238.17	116.1	3206278.80	117.0	11094224.32	116.8	1978586.35	120.3	2583537.36	117.9
54	2202184-2 100X	10555093.59	111.8	3170390.27	115.7	10458303.97	110.1	1983601.01	120.6	2441524.86	111.4
55	2202184-3 10X	10814991.50	114.5	3179572.24	116.0	11154349.04	117.5	2006751.15	122.0	2547210.38	116.2
56	2202184-3 100X	10524019.01	111.4	3049005.58	111.2	10614811.35	111.8	1880357.77	114.3	2456218.87	112.1
57	CCV	10957698.17	116.0	3148280.27	114.9	11104586.92	117.0	1970705.46	119.8	2586265.80	118.0
58	CCB	10095508.19	106.9	2960013.81	108.0	10137744.40	106.8	1811396.71	110.1	2381519.86	108.7
59	2202184-4 10X	11507364.41	121.9	3317473.70	121.0	11737411.55	123.6	2056676.73	125.0	2696190.74	123.0
60	2202184-4 100X	10811176.30	114.5	3194531.31	116.5	10886758.43	114.7	1905797.66	115.8	2519313.45	115.0
61	2202184-5 10X	11138369.83	118.0	3235842.35	118.0	11812204.75	124.4	2064292.20	125.5	2610496.47	119.1
62	2202184-5 100X	10828683.38	114.7	3174851.83	115.8	10963190.70	115.5	1943536.82	118.1	2541846.42	116.0

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2202184-6 10X	11118611.50	117.7	3229219.85	117.8	11686207.67	123.1	2067535.20	125.7	2613858.97	119.3
64	2202184-6 100X	10854290.25	114.9	3142513.39	114.6	10954741.25	115.4	1927093.48	117.1	2550528.19	116.4
65	2202184-7 10X	11116933.59	117.7	3187250.68	116.3	12072752.79	127.2	2089759.04	127.0	2590927.62	118.2
66	2202184-7 100X	10967189.00	116.1	3213219.85	117.2	11213716.02	118.1	1986416.91	120.7	2547576.79	116.3
67	2202184-8 10X	11137792.75	117.9	3236853.39	118.1	12483916.77	131.5	2174959.57	132.2	2600452.20	118.7
68	2202184-8 100X	11186575.25	118.5	3255985.16	118.8	11370510.93	119.8	2004735.99	121.8	2581550.22	117.8
69	CCV	11697846.49	123.9	3366663.60	122.8	11932161.36	125.7	2069303.04	125.8	2737071.52	124.9
70	CCB	10633467.97	112.6	3062181.41	111.7	10718929.76	112.9	1871898.64	113.8	2453376.84	112.0
71	2202184-9 10X	11560889.83	122.4	3365607.24	122.8	12247410.42	129.0	2153228.40	130.9	2687590.17	122.6
72	2202184-9 100X	11330501.08	120.0	3302112.03	120.5	11503095.55	121.2	2040979.64	124.0	2638172.51	120.4
73	2202184-10 10X	11372101.50	120.4	3399016.20	124.0	12658465.15	133.3	2244054.61	136.4	2702814.96	123.3
74	2202184-10 100X	11233621.08	119.0	3419158.91	124.7	11414390.68	120.2	2137955.91	129.9	2616532.72	119.4
75	2202184-11 10X	11358919.83	120.3	3367221.41	122.8	12548853.63	132.2	2212154.85	134.5	2656608.76	121.2
76	2202184-11 100X	11338866.08	120.1	3295125.58	120.2	11552143.62	121.7	2019410.16	122.7	2630035.95	120.0
77	2202184-12 10X	11319111.08	119.9	3331163.91	121.5	12566549.06	132.4	2206549.85	134.1	2643781.63	120.6
78	2202184-12 100X	11155046.92	118.1	3331158.49	121.5	11501795.87	121.1	2032458.32	123.5	2644419.02	120.7
79	2202184-13 10X	11392925.66	120.6	3333942.14	121.6	12498434.81	131.6	2203645.81	133.9	2654523.71	121.1
80	2202184-13 100X	11264580.25	119.3	3321144.32	121.2	11514059.04	121.3	2039676.42	124.0	2646218.29	120.8
81	CCV	11497200.66	121.8	3349070.26	122.2	11655275.25	122.8	2034962.27	123.7	2683042.04	122.4
82	CCB	10786630.67	114.2	3209465.06	117.1	10920560.00	115.0	1976570.26	120.1	2509819.08	114.5
83	2202184-14 10X	11610083.58	122.9	3340346.20	121.9	12943735.44	136.3	2222809.61	135.1	2700584.02	123.2
84	2202184-14 100X	11521485.66	122.0	3341873.91	121.9	11619253.84	122.4	2042060.16	124.1	2653574.34	121.1
85	2202184-15 10X	11588467.33	122.7	3377100.99	123.2	12062418.09	127.0	2099523.00	127.6	2725621.73	124.4
86	2202184-15 100X	11369361.08	120.4	3144500.47	114.7	11447786.42	120.6	1920882.45	116.7	2660817.10	121.4
87	2202184-16 10X	10538286.93	111.6	3040779.43	110.9	12462514.63	131.3	2170602.88	131.9	2425397.21	110.7
88	2202184-16 100X	10083707.97	106.8	2983423.19	108.8	10329583.25	108.8	1848340.49	112.3	2375387.72	108.4
89	2202184-17 10X	10469208.18	110.9	3035904.22	110.8	11614695.31	122.3	2007097.94	122.0	2454987.83	112.0
90	2202184-17 100X	10292918.80	109.0	3050349.64	111.3	10538861.86	111.0	1879235.91	114.2	2417652.78	110.3
91	2202184-18 10X	10488797.97	111.1	3079216.72	112.3	11479724.65	120.9	1986335.73	120.7	2464194.76	112.4
92	2202184-18 100X	10267403.80	108.7	3213947.14	117.3	10406417.00	109.6	1985344.20	120.7	2404731.53	109.7
93	CCV	10660730.68	112.9	3084988.81	112.5	10883063.36	114.6	1902656.46	115.6	2512898.71	114.7

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	CCB	9801025.89	103.8	2832544.75	103.3	9913064.55	104.4	1738816.98	105.7	2298741.89	104.9
95	2202184-19 10X	10815619.42	114.5	3137001.20	114.4	11416936.13	120.2	1969447.07	119.7	2520096.37	115.0
96	2202184-19 100X	10531772.34	111.5	3090157.77	112.7	10787560.00	113.6	1873833.87	113.9	2466095.07	112.5
97	CCV	10835028.59	114.7	3130995.48	114.2	10983896.44	115.7	1915607.35	116.4	2512969.70	114.7
98	CCB	9945323.18	105.3	2840621.42	103.6	9904106.44	104.3	1733869.96	105.4	2293760.38	104.7
99	IP220218-3MB ...	9898990.69	104.8	2871759.54	104.8	9889358.91	104.2	1703490.02	103.5	2296404.91	104.8
100	IM220218-3LCS...	10657265.88	112.9	3088932.56	112.7	10702503.84	112.7	1888596.14	114.8	2434479.08	111.1
101	IM220218-3LCS...	10923961.09	115.7	3101466.52	113.1	10915008.98	115.0	1923165.91	116.9	2504570.74	114.3
102	2202183-1 10X	11257722.75	119.2	3240887.03	118.2	11306446.24	119.1	1960194.51	119.1	2570275.22	117.3
103	2202200-1 10X	10774207.76	114.1	3087050.27	112.6	10830810.18	114.1	1870784.64	113.7	2475687.88	113.0
104	2202201-1 10X	10608707.55	112.3	3064163.70	111.8	10775445.94	113.5	1899192.92	115.4	2450475.01	111.8
105	2202202-1 10X	10546807.34	111.7	3051480.37	111.3	10580860.57	111.4	1883825.71	114.5	2424355.64	110.6
106	2202203-1 10X	10686461.93	113.2	3086890.89	112.6	10706318.09	112.8	1884027.39	114.5	2447001.94	111.7
107	2202251-1 10X	10619607.55	112.5	3054951.31	111.5	10839335.49	114.2	1925150.20	117.0	2455875.17	112.1
108	2202251-1 100X	10740393.80	113.7	3102646.51	113.2	10841884.17	114.2	1897684.67	115.3	2456762.00	112.1
109	CCV	11168403.17	118.3	3225584.33	117.7	11297220.93	119.0	1978397.85	120.2	2595880.33	118.5
110	CCB	10255979.43	108.6	2930424.12	106.9	10281238.68	108.3	1785933.06	108.5	2385923.82	108.9
111	2202302-1 10X	11211127.75	118.7	3259744.85	118.9	11380197.03	119.9	1983735.55	120.6	2597636.00	118.5
112	2202303-1 10X	11032043.59	116.8	3171171.31	115.7	11325767.40	119.3	1954470.13	118.8	2559088.35	116.8
113	2202303-2 10X	11183579.42	118.4	3148807.98	114.9	11362892.62	119.7	1956918.60	118.9	2608685.33	119.0
114	CCV	11419937.75	120.9	3274354.74	119.5	11611509.81	122.3	2012387.27	122.3	2645344.75	120.7
115	CCB	11762837.32	124.6	2967791.94	108.3	11883350.42	125.2	1814359.63	110.3	2753136.16	125.6
116	IP220214-2MB 5X	10456584.43	110.7	3017031.62	110.1	10500847.89	110.6	1835424.48	111.6	2430046.27	110.9
117	IM220214-2LCS...	11119650.67	117.8	3218055.16	117.4	11132115.77	117.2	1970148.00	119.7	2547743.04	116.3
118	2201396-2 5X	11348941.50	120.2	3283696.93	119.8	11541676.23	121.6	1996158.88	121.3	2644837.41	120.7
119	2201396-3 5X	11106154.42	117.6	3229781.83	117.8	11394714.62	120.0	1996355.48	121.3	2610322.57	119.1
120	2201396-5 5X	11069028.58	117.2	3244362.35	118.4	11339293.74	119.4	1994793.63	121.2	2604417.36	118.8
121	2201396-6 5X	11033489.83	116.8	3225783.59	117.7	11197965.96	117.9	1975923.07	120.1	2599158.87	118.6
122	2201396-7 5X	11031738.17	116.8	3219294.95	117.4	11265866.51	118.7	1964550.03	119.4	2612844.02	119.2
123	2201396-8 5X	10990151.92	116.4	3193391.10	116.5	11332679.37	119.4	1979199.27	120.3	2590523.09	118.2
124	2201396-10 5X	10894496.09	115.4	3168881.31	115.6	11167158.03	117.6	1963541.00	119.3	2561688.71	116.9

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	2201396-11 5X	10963852.75	116.1	3177908.70	115.9	11141781.95	117.3	1972691.14	119.9	2578202.67	117.6
126	CCV	11303151.92	119.7	3275072.76	119.5	11510807.71	121.2	2016572.35	122.6	2655380.01	121.2
127	CCB	10447760.68	110.6	3050374.74	111.3	10536551.11	111.0	1818161.50	110.5	2445152.10	111.6
128	2201396-12 5X	11337567.33	120.1	3271820.89	119.4	11560044.76	121.8	2020874.75	122.8	2669265.79	121.8
129	2201396-13 5X	11278483.58	119.4	3241186.10	118.2	11429672.32	120.4	1992762.91	121.1	2675624.18	122.1
130	2202146-3 5X	11267310.25	119.3	3206109.01	117.0	11479813.60	120.9	1958435.30	119.0	2601454.13	118.7
131	2202146-4 5X	11102139.00	117.6	3218707.76	117.4	11412632.95	120.2	2006224.59	121.9	2635881.26	120.3
132	2202148-1 5X	11161653.58	118.2	3221436.20	117.5	11478112.96	120.9	2000496.68	121.6	2629955.74	120.0
133	2202148-2 5X	11077303.17	117.3	3244466.93	118.4	11338948.40	119.4	1975119.13	120.0	2634970.32	120.2
134	2202148-2L 25X	10831816.51	114.7	3179204.02	116.0	10981445.54	115.7	1948299.09	118.4	2550316.47	116.4
135	2202148-2MS 5X	10961417.34	116.1	3198888.80	116.7	11178254.12	117.7	1980697.95	120.4	2600757.72	118.7
136	2202148-2MSD...	10881115.67	115.2	3193091.83	116.5	11189817.52	117.9	1953977.83	118.8	2606190.53	118.9
137	2202148-2A 5X	11001508.58	116.5	3225559.12	117.7	11288451.50	118.9	1991279.57	121.0	2612057.10	119.2
138	CCV	10956419.00	116.0	3157203.29	115.2	11207032.12	118.0	1961599.99	119.2	2599764.29	118.6
139	CCB	10429445.05	110.4	3035600.48	110.7	10534246.59	110.9	1881951.29	114.4	2479319.96	113.1
140	2202148-5 5X	11240874.83	119.0	3247589.33	118.5	11614944.73	122.3	2021836.19	122.9	2663354.49	121.5
141	2202148-6 5X	11461536.91	121.4	3295449.43	120.2	11708857.69	123.3	2025653.94	123.1	2665096.11	121.6
142	2202148-7 5X	11355266.08	120.2	3288009.12	120.0	11537762.15	121.5	2040659.58	124.0	2652735.22	121.1
143	2202148-8 5X	11409071.08	120.8	3249746.10	118.6	11688310.81	123.1	2027284.58	123.2	2662539.23	121.5
144	CCV	11941907.74	126.5	3410987.55	124.4	12194701.37	128.4	2115175.59	128.6	2822576.31	128.8
145	CCB	11360578.17	120.3	3251334.64	118.6	11431475.02	120.4	1996358.99	121.3	2636496.21	120.3
146	IP220207-2MB ...	11146788.17	118.0	3279155.78	119.6	11224802.31	118.2	1997034.57	121.4	2624248.71	119.8
147	IM220207-2LCS...	12004363.57	127.1	3469209.84	126.6	12143912.25	127.9	2127426.47	129.3	2806310.48	128.1
148	2202027-1 10X	12292438.57	130.2	3565502.34	130.1	12393330.35	130.5	2153910.93	130.9	2837384.44	129.5
149	2202027-1L 50X	11925990.24	126.3	3475887.86	126.8	12083552.63	127.3	2109805.39	128.2	2785971.52	127.1
150	2202027-1MS 10X	12127040.24	128.4	3528009.32	128.7	12299778.04	129.5	2170157.58	131.9	2845427.25	129.8
151	2202027-1MSD ...	12232319.82	129.5	3539835.78	129.1	12317137.55	129.7	2151944.46	130.8	2834279.02	129.3
152	2202027-1A 10X	12136386.90	128.5	3501004.74	127.7	12182966.81	128.3	2148688.97	130.6	2820168.50	128.7
153	2202027-3 10X	12342510.23	130.7	3195850.47	116.6	12495981.53	131.6	1954051.06	118.8	2853525.06	130.2
154	2202027-7 10X	10880773.17	115.2	3142094.85	114.6	11034646.83	116.2	1934662.71	117.6	2496875.64	113.9
155	2202027-10 10X	10888455.67	115.3	3161775.47	115.3	11054848.53	116.4	1958823.80	119.1	2547644.18	116.3

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCV	11369312.33	120.4	3281630.89	119.7	11543363.56	121.6	2028559.84	123.3	2645021.26	120.7
157	CCB	10514641.51	111.3	3008207.14	109.7	10623723.70	111.9	1843489.00	112.0	2434164.18	111.1
158	2202027-15 10X	11123880.25	117.8	3250502.55	118.6	11267781.19	118.7	2001546.65	121.7	2577122.20	117.6
159	2202027-18 10X	11097203.17	117.5	3239044.64	118.2	11206806.13	118.0	1972179.64	119.9	2567265.64	117.2
160	2202027-22 10X	11175947.33	118.4	3216013.60	117.3	11231315.00	118.3	1988014.85	120.8	2576789.65	117.6
161	2202027-25 10X	11050802.75	117.0	3178293.18	116.0	11172546.54	117.7	1971611.03	119.8	2574325.53	117.5
162	2202027-28 10X	11003584.83	116.5	3174408.39	115.8	11248526.50	118.5	1947469.44	118.4	2587014.23	118.1
163	2202027-33 10X	10990982.75	116.4	3173038.91	115.8	11149893.21	117.4	1959181.78	119.1	2590601.63	118.2
164	2202031-3 10X	11324151.50	119.9	3314192.24	120.9	11504588.38	121.2	2029444.83	123.3	2643287.62	120.6
165	2202031-7 10X	11417876.08	120.9	3282880.78	119.8	11624397.90	122.4	2022920.59	122.9	2653327.72	121.1
166	2202031-12 10X	11470527.75	121.5	3296265.78	120.3	11647988.94	122.7	2027507.55	123.2	2690635.27	122.8
167	2202033-2 10X	11556852.33	122.4	3345042.03	122.0	11694855.27	123.2	2056441.79	125.0	2675997.57	122.1
168	CCV	12083948.57	128.0	3415354.95	124.6	12130971.32	127.8	2100000.69	127.6	2768080.79	126.3
169	CCB	11468045.66	121.4	3294642.97	120.2	11497536.00	121.1	2020339.79	122.8	2630049.39	120.0
170	2202033-6 10X	12224901.49	129.5	3489063.70	127.3	12293276.80	129.5	2153513.76	130.9	2837203.60	129.5
171	2202033-10 10X	12037065.66	127.5	3441891.09	125.6	12292578.18	129.5	2141259.46	130.1	2776463.40	126.7
172	2202033-14 10X	12058795.24	127.7	3505342.97	127.9	12204087.52	128.5	2122697.00	129.0	2775904.02	126.7
173	CCV	12312960.65	130.4	3536504.84	129.0	12444753.58	131.1	2166741.18	131.7	2815762.77	128.5
174	CCB	11477076.08	121.5	3230867.35	117.9	11497748.24	121.1	1993261.63	121.1	2655972.04	121.2
175	RINSE	11789545.24	124.8	3351325.68	122.3	11787730.80	124.2	2001359.59	121.6	2683520.79	122.5
176	RINSE	11604157.33	122.9	3283990.99	119.8	11635288.97	122.5	2018266.29	122.7	2651408.35	121.0
177	RINSE	11644325.24	123.3	3328892.55	121.4	11663288.32	122.8	1999697.43	121.5	2644201.89	120.7
178	RINSE	11595205.25	122.8	3285200.78	119.9	11599563.93	122.2	2002168.92	121.7	2603456.63	118.8

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	402399.38	100.0	8341978.84	100.0	2376060.96	100.0
2	RINSE	403704.04	100.0	8329132.38	100.0	2400249.50	100.0
3	RINSE	400105.45	100.0	8329510.92	100.0	2338073.61	100.0
4	RINSE	394347.77	100.0	7780063.22	100.0	2320070.64	100.0
5	RINSE	395623.11	100.0	7879216.55	100.0	2359498.14	100.0
6	BLANK	395840.62	100.0	7768558.42	100.0	2383706.84	100.0
7	H/1000	407031.70	102.8	7905005.72	101.8	2403580.80	100.8
8	H/100	430505.66	108.8	8315846.96	107.0	2545912.25	106.8
9	H/10	450773.38	113.9	8693400.29	111.9	2607590.07	109.4
10	HIGH	438600.73	110.8	8643741.33	111.3	2411271.79	101.2
11	RINSE	424628.98	107.3	8395471.13	108.1	2457203.66	103.1
12	BLANK	440841.88	111.4	7959488.84	102.5	2581772.51	108.3
13	ICV	459160.83	116.0	8584626.75	110.5	2608547.62	109.4
14	ICB	429930.44	108.6	8267848.42	106.4	2513510.27	105.4
15	LIV	445945.06	112.7	9329295.49	120.1	2580904.55	108.3
16	ICSA	455610.68	115.1	8663814.45	111.5	2635581.47	110.6
17	ICSAB	460567.88	116.4	8688022.16	111.8	2614479.91	109.7
18	CCV	499616.74	126.2	9155325.91	117.9	2818206.42	118.2
19	CCB	433403.13	109.5	8377584.46	107.8	2546830.64	106.8
20	IP220110-2MB ...	445257.54	112.5	8374010.50	107.8	2602785.38	109.2
21	IM220110-2RVS...	431511.65	109.0	8403125.08	108.2	2520396.06	105.7
22	IM220110-1RVS...	473911.82	119.7	8912012.99	114.7	2748997.46	115.3
23	IM220110-1LCS...	489804.13	123.7	9261945.49	119.2	2824333.08	118.5
24	IM220110-1LCS...	495650.59	125.2	9429109.02	121.4	2840337.67	119.2
25	CCV	523979.85	132.4	9872427.56	127.1	2943161.31	123.5
26	CCB	484138.22	122.3	9353518.40	120.4	2783491.21	116.8
27	IP220110-3MB ...	478278.05	120.8	9205442.57	118.5	2743347.25	115.1
28	IM220110-5RVS...	493782.40	124.7	9347684.44	120.3	2837067.04	119.0
29	IM220110-4RVS...	478052.58	120.8	9227406.32	118.8	2773153.92	116.3
30	IM220110-3LCS...	498404.07	125.9	9386960.69	120.8	2830652.98	118.8
31	IM220110-3LCS...	515904.96	130.3	9515672.98	122.5	2880925.06	120.9

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCV	520092.37	131.4	9541327.57	122.8	2920228.50	122.5
33	CCB	401737.68	101.5	7563187.60	97.4	2279116.16	95.6
34	IP220110-4MB ...	408203.43	103.1	7858735.51	101.2	2400249.03	100.7
35	IM220110-8RVS...	425956.91	107.6	8162380.30	105.1	2470866.37	103.7
36	IM220110-7RVS...	433896.61	109.6	8559767.16	110.2	2589441.94	108.6
37	IM220110-4LCS...	504102.52	127.3	9190914.45	118.3	2885235.69	121.0
38	IM220110-4LCS...	497936.74	125.8	9328933.82	120.1	2828826.73	118.7
39	CCV	487507.83	123.2	9002180.28	115.9	2768128.50	116.1
40	CCB	434177.14	109.7	8181224.05	105.3	2478052.93	104.0
41	IP220110-5MB ...	432205.88	109.2	8198318.63	105.5	2479266.68	104.0
42	IM220110-11RV...	433082.96	109.4	8113902.17	104.4	2479271.00	104.0
43	IM220110-10RV...	432613.52	109.3	8215845.92	105.8	2495734.33	104.7
44	IM220110-5LCS...	482362.78	121.9	9002677.58	115.9	2768765.27	116.2
45	IM220110-5LCS...	475326.15	120.1	8934957.16	115.0	2686439.65	112.7
46	CCV	483025.03	122.0	8898117.99	114.5	2725289.96	114.3
47	CCB	434269.19	109.7	8246831.55	106.2	2516019.60	105.6
48	IP220221-1MB ...	472759.10	119.4	8896156.53	114.5	2719756.05	114.1
49	IM220221-1LCS...	471165.44	119.0	8773140.28	112.9	2633705.43	110.5
50	IM220221-1LCS...	496474.50	125.4	8792182.79	113.2	2829867.35	118.7
51	2202184-1 10X	485057.53	122.5	9130985.07	117.5	2724691.63	114.3
52	2202184-1 100X	473176.70	119.5	8927454.24	114.9	2690867.15	112.9
53	2202184-2 10X	485231.39	122.6	9136227.16	117.6	2750130.48	115.4
54	2202184-2 100X	480058.48	121.3	8607333.83	110.8	2767309.86	116.1
55	2202184-3 10X	480585.15	121.4	9322592.57	120.0	2837575.89	119.0
56	2202184-3 100X	458010.50	115.7	8766991.74	112.9	2617429.49	109.8
57	CCV	470578.73	118.9	8944315.28	115.1	2689273.40	112.8
58	CCB	437899.86	110.6	8329251.75	107.2	2510405.90	105.3
59	2202184-4 10X	504275.11	127.4	9565905.69	123.1	2879441.83	120.8
60	2202184-4 100X	471364.65	119.1	8915083.20	114.8	2675831.00	112.3
61	2202184-5 10X	484810.03	122.5	9827601.31	126.5	2927311.83	122.8
62	2202184-5 100X	473835.60	119.7	9004439.66	115.9	2739306.94	114.9

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	2202184-6 10X	485558.16	122.7	9507294.03	122.4	2821007.04	118.3
64	2202184-6 100X	470264.36	118.8	8968660.28	115.4	2720335.89	114.1
65	2202184-7 10X	481299.16	121.6	10125502.76	130.3	2963532.25	124.3
66	2202184-7 100X	473791.28	119.7	9101999.24	117.2	2745980.79	115.2
67	2202184-8 10X	483176.24	122.1	9510376.11	122.4	2831432.98	118.8
68	2202184-8 100X	481351.49	121.6	9214030.70	118.6	2745604.85	115.2
69	CCV	496859.76	125.5	9364629.65	120.5	2820619.75	118.3
70	CCB	443013.55	111.9	8569457.37	110.3	2557815.17	107.3
71	2202184-9 10X	496559.82	125.4	10414902.97	134.1	3083478.39	129.4
72	2202184-9 100X	483526.71	122.2	9375731.11	120.7	2797603.81	117.4
73	2202184-10 10X	504941.94	127.6	9753113.19	125.5	2927493.91	122.8
74	2202184-10 100X	508116.30	128.4	9300877.15	119.7	2896790.79	121.5
75	2202184-11 10X	498285.02	125.9	10096360.68	130.0	3048214.95	127.9
76	2202184-11 100X	485748.57	122.7	9438881.32	121.5	2836463.40	119.0
77	2202184-12 10X	490307.55	123.9	10157561.31	130.8	2949729.96	123.7
78	2202184-12 100X	483911.02	122.2	9405787.78	121.1	2783585.59	116.8
79	2202184-13 10X	488576.44	123.4	10631259.42	136.8	3126162.25	131.1
80	2202184-13 100X	483377.38	122.1	9492075.90	122.2	2829462.98	118.7
81	CCV	489378.53	123.6	9368642.99	120.6	2772329.44	116.3
82	CCB	465544.34	117.6	8704833.20	112.1	2685615.17	112.7
83	2202184-14 10X	493480.66	124.7	10772134.42	138.7	3153008.29	132.3
84	2202184-14 100X	491478.65	124.2	9626128.40	123.9	2880177.98	120.8
85	2202184-15 10X	498330.81	125.9	10248841.51	131.9	3045005.16	127.7
86	2202184-15 100X	457461.26	115.6	9443259.23	121.6	2689483.97	112.8
87	2202184-16 10X	447638.83	113.1	10309059.64	132.7	3065420.27	128.6
88	2202184-16 100X	439945.74	111.1	8646597.99	111.3	2594302.41	108.8
89	2202184-17 10X	449932.43	113.7	10067510.27	129.6	2933033.50	123.0
90	2202184-17 100X	446057.32	112.7	8730633.20	112.4	2585741.42	108.5
91	2202184-18 10X	451344.95	114.0	10621718.18	136.7	3161331.93	132.6
92	2202184-18 100X	470038.60	118.7	8747280.08	112.6	2788184.18	117.0
93	CCV	454515.73	114.8	8758728.62	112.7	2608796.52	109.4

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	CCB	408028.73	103.1	8088971.34	104.1	2359419.08	99.0
95	2202184-19 10X	458467.05	115.8	9443668.82	121.6	2776064.96	116.5
96	2202184-19 100X	443745.81	112.1	8789216.12	113.1	2593395.01	108.8
97	CCV	463009.60	117.0	8744723.21	112.6	2587495.53	108.5
98	CCB	408243.38	103.1	8042374.05	103.5	2371744.70	99.5
99	IP220218-3MB ...	409506.56	103.5	7988692.38	102.8	2354167.05	98.8
100	IM220218-3LCS...	445724.98	112.6	8542772.79	110.0	2562614.23	107.5
101	IM220218-3LCS...	455603.16	115.1	8703239.87	112.0	2573395.01	108.0
102	2202183-1 10X	466930.55	118.0	9054218.20	116.5	2677502.15	112.3
103	2202200-1 10X	444882.34	112.4	8768264.45	112.9	2602160.85	109.2
104	2202201-1 10X	443743.91	112.1	8642341.54	111.2	2632767.88	110.4
105	2202202-1 10X	440044.33	111.2	8627643.20	111.1	2575563.35	108.0
106	2202203-1 10X	440436.42	111.3	8691600.49	111.9	2579061.68	108.2
107	2202251-1 10X	447595.27	113.1	8454281.96	108.8	2487292.78	104.3
108	2202251-1 100X	451444.25	114.0	8626197.16	111.0	2594452.52	108.8
109	CCV	466911.12	118.0	8900375.07	114.6	2648747.25	111.1
110	CCB	426317.81	107.7	8210296.13	105.7	2442779.02	102.5
111	2202302-1 10X	464633.38	117.4	8912356.33	114.7	2656107.35	111.4
112	2202303-1 10X	466474.64	117.8	8920043.20	114.8	2648337.77	111.1
113	2202303-2 10X	468235.61	118.3	9067039.66	116.7	2636815.17	110.6
114	CCV	478707.08	120.9	9149260.70	117.8	2729201.83	114.5
115	CCB	431360.63	109.0	9591527.57	123.5	2519402.62	105.7
116	IP220214-2MB 5X	437532.94	110.5	8510563.83	109.6	2503493.82	105.0
117	IM220214-2LCS...	475239.46	120.1	8867779.87	114.1	2650673.19	111.2
118	2201396-2 5X	477507.22	120.6	9158811.74	117.9	2689693.82	112.8
119	2201396-3 5X	475324.07	120.1	9081831.95	116.9	2701658.92	113.3
120	2201396-5 5X	469892.19	118.7	9136880.07	117.6	2726666.94	114.4
121	2201396-6 5X	469167.52	118.5	9017542.16	116.1	2682566.05	112.5
122	2201396-7 5X	470966.69	119.0	9099181.11	117.1	2717895.37	114.0
123	2201396-8 5X	470588.69	118.9	9055556.74	116.6	2714901.63	113.9
124	2201396-10 5X	472145.11	119.3	9116679.45	117.4	2730568.92	114.6

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
125	2201396-11 5X	468564.67	118.4	9071167.36	116.8	2702311.42	113.4
126	CCV	488922.87	123.5	9144495.49	117.7	2762821.10	115.9
127	CCB	445555.07	112.6	8608189.66	110.8	2542387.67	106.7
128	2201396-12 5X	479020.63	121.0	9258889.86	119.2	2774995.48	116.4
129	2201396-13 5X	477044.60	120.5	9214574.24	118.6	2754249.12	115.5
130	2202146-3 5X	480949.68	121.5	9240960.91	119.0	2742134.96	115.0
131	2202146-4 5X	478837.18	121.0	9287163.40	119.5	2765799.65	116.0
132	2202148-1 5X	478222.95	120.8	9216533.20	118.6	2724929.54	114.3
133	2202148-2 5X	479534.82	121.1	9168197.78	118.0	2733905.58	114.7
134	2202148-2L 25X	475385.71	120.1	8982163.83	115.6	2733247.25	114.7
135	2202148-2MS 5X	481952.98	121.8	9047128.82	116.5	2683966.00	112.6
136	2202148-2MSD...	484079.17	122.3	9008882.78	116.0	2672228.08	112.1
137	2202148-2A 5X	491378.82	124.1	8991411.32	115.7	2763313.61	115.9
138	CCV	479378.57	121.1	9063707.57	116.7	2704906.62	113.5
139	CCB	445820.12	112.6	8585108.41	110.5	2576947.41	108.1
140	2202148-5 5X	482212.38	121.8	9231584.86	118.8	2743789.54	115.1
141	2202148-6 5X	492609.20	124.4	9265969.65	119.3	2739921.31	114.9
142	2202148-7 5X	490164.24	123.8	9316733.40	119.9	2766235.79	116.0
143	2202148-8 5X	488342.26	123.4	9312194.86	119.9	2753153.19	115.5
144	CCV	514484.48	130.0	9579576.73	123.3	2855689.13	119.8
145	CCB	478194.41	120.8	9241214.45	119.0	2755721.42	115.6
146	IP220207-2MB ...	480071.92	121.3	9065812.16	116.7	2703662.25	113.4
147	IM220207-2LCS...	519484.26	131.2	9712814.02	125.0	2890238.60	121.2
148	2202027-1 10X	519981.53	131.4	9924774.64	127.8	2936403.81	123.2
149	2202027-1L 50X	507676.03	128.3	9689288.81	124.7	2907482.98	122.0
150	2202027-1MS 10X	530227.60	133.9	9845173.40	126.7	2953991.62	123.9
151	2202027-1MSD ...	530169.70	133.9	9807098.19	126.2	2936863.40	123.2
152	2202027-1A 10X	528873.13	133.6	9773804.02	125.8	2924948.50	122.7
153	2202027-3 10X	471930.88	119.2	10026599.02	129.1	2681348.81	112.5
154	2202027-7 10X	461585.67	116.6	8760268.41	112.8	2622123.19	110.0
155	2202027-10 10X	460508.85	116.3	8747695.70	112.6	2613699.49	109.6

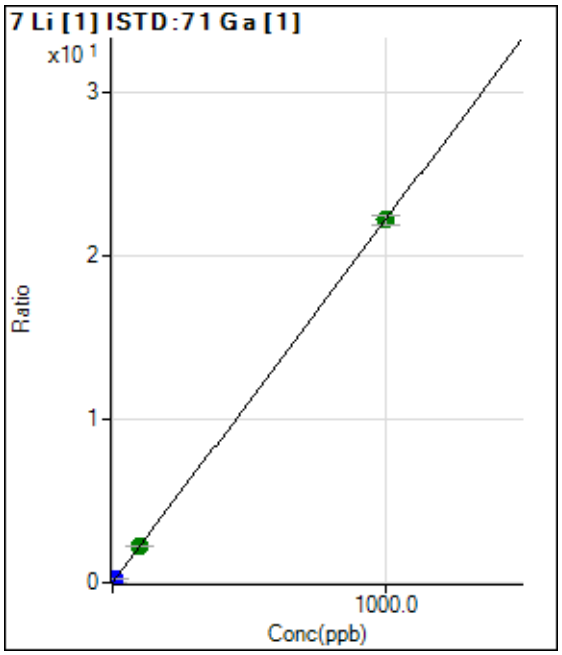
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
156	CCV	481907.75	121.7	9046138.82	116.4	2679306.42	112.4
157	CCB	443321.37	112.0	8442018.21	108.7	2531827.93	106.2
158	2202027-15 10X	469279.24	118.6	9034974.03	116.3	2667833.92	111.9
159	2202027-18 10X	474415.87	119.9	9000332.36	115.9	2711985.37	113.8
160	2202027-22 10X	472771.71	119.4	8976185.91	115.5	2679588.82	112.4
161	2202027-25 10X	470349.09	118.8	8982499.87	115.6	2705061.42	113.5
162	2202027-28 10X	469347.09	118.6	8946021.53	115.2	2681735.48	112.5
163	2202027-33 10X	466931.09	118.0	8847879.04	113.9	2701265.58	113.3
164	2202031-3 10X	483023.26	122.0	9110527.36	117.3	2745848.08	115.2
165	2202031-7 10X	488072.70	123.3	9247004.24	119.0	2774431.73	116.4
166	2202031-12 10X	486654.50	122.9	9273649.03	119.4	2781283.08	116.7
167	2202033-2 10X	487990.18	123.3	9244444.86	119.0	2786009.33	116.9
168	CCV	513239.44	129.7	9574628.61	123.2	2856198.60	119.8
169	CCB	482120.23	121.8	9153655.49	117.8	2740491.73	115.0
170	2202033-6 10X	515372.18	130.2	9664511.52	124.4	2884654.64	121.0
171	2202033-10 10X	515743.33	130.3	9619507.78	123.8	2859507.66	120.0
172	2202033-14 10X	514925.98	130.1	9610022.36	123.7	2889618.40	121.2
173	CCV	523508.94	132.3	9748022.57	125.5	2941113.60	123.4
174	CCB	483523.86	122.2	9163764.66	118.0	2735543.92	114.8
175	RINSE	481591.41	121.7	9295515.69	119.7	2741116.63	115.0
176	RINSE	478833.14	121.0	9276095.70	119.4	2731144.54	114.6
177	RINSE	473526.92	119.6	9284900.69	119.5	2707065.58	113.6
178	RINSE	476378.38	120.3	9185856.74	118.2	2727646.42	114.4

Calibration for 010CALS_22B22l00.D

Batch Folder:	C:\ICPMH\1\DATA\22B22m00.B\
Analysis File:	22B22m00.batch.xml
DA Date-Time:	2/23/2022 09:35:17
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB_22B22l00.D	BLANK	2/22/2022 11:32:24
2	007CALS_22B22l00.D	H/1000	2/22/2022 11:38:20
3	008CALS_22B22l00.D	H/100	2/22/2022 11:44:16
4	009CALS_22B22l00.D	H/10	2/22/2022 11:50:11
5	010CALS_22B22l00.D	HIGH	2/22/2022 11:56:04
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1735.43	0.0005	P	3.1
2	☐	1.0000	0.9579	75921.56	0.0218	P	4.4
3	☐	10.0000	9.3683	766586.54	0.2088	P	3.2
4	☐	100.0000	99.9847	8481493.00	2.2237	A	3.0
5	☐	1000.0000	1000.0079	89215352.00	22.2365	A	2.6
6	☐	200.0000					

y = 0.0222 * x + 5.0484E-004

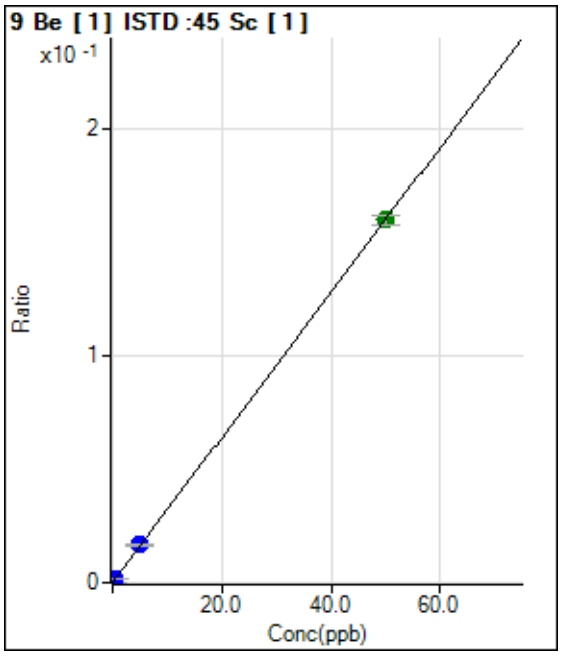
R = 1.0000

DL = 0.00208

BEC = 0.0227

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	23.33	0.0000	P	15.2
2	☐	0.0500	0.0505	1087.38	0.0002	P	8.7
3	☐	0.5000	0.5156	11559.95	0.0017	P	5.1
4	☐	5.0000	5.2271	122121.95	0.0167	P	3.1
5	☐	50.0000	49.9771	1286869.84	0.1599	A	2.9
6	☐	10.0000					

y = 0.0032 * x + 3.5868E-006

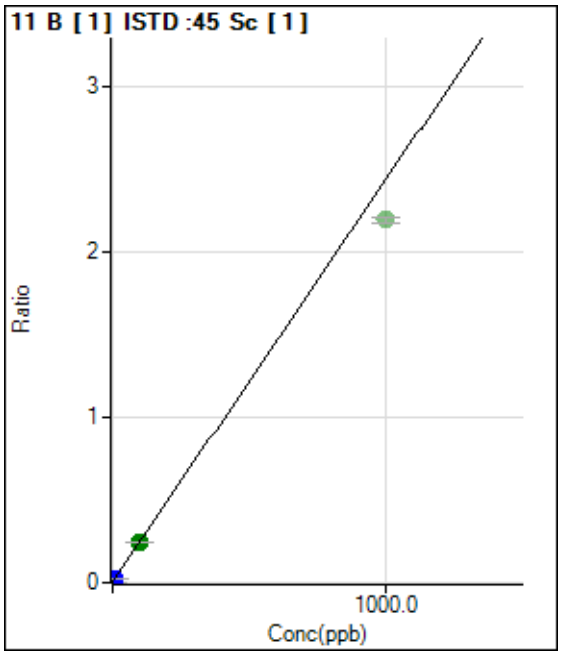
R = 1.0000

DL = 0.0005105

BEC = 0.001121

Weight: None

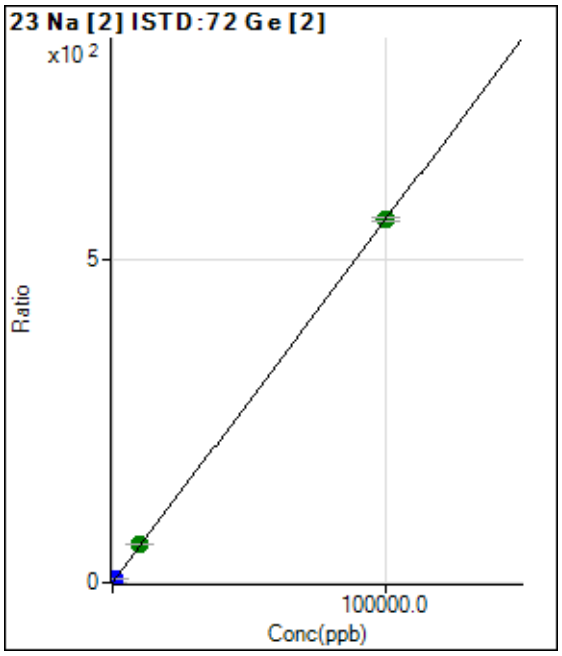
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	17013.05	0.0026	P	0.7
2	☐	1.0000	0.9959	33132.30	0.0050	P	1.0
3	☐	10.0000	9.6843	182916.24	0.0261	P	2.3
4	☐	100.0000	100.0316	1794604.44	0.2457	A	0.7
5	☑	1000.0000		17655659.86	2.1935	A	1.5
6	☐	200.0000					

y = 0.0024 * x + 0.0026
R = 1.0000
DL = 0.02222
BEC = 1.074

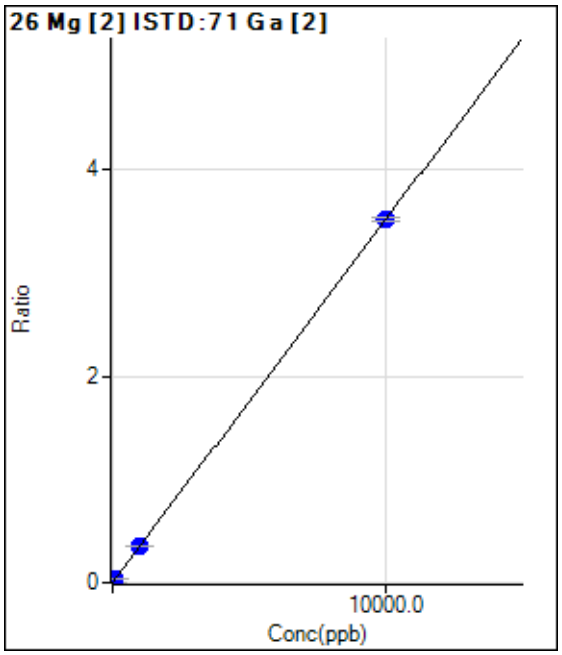
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	13529.40	0.1167	P	1.8
2	☐	100.0000	106.0538	82655.09	0.7129	P	2.9
3	☐	1000.0000	1013.1377	719022.83	5.8126	P	2.4
4	☐	10000.0000	10406.7577	7458624.05	58.6241	A	1.3
5	☐	100000.0000	99959.1868	74519690.56	562.0927	A	1.2
6	☐	20000.0000					

y = 0.0056 * x + 0.1167
R = 1.0000
DL = 1.149
BEC = 20.76

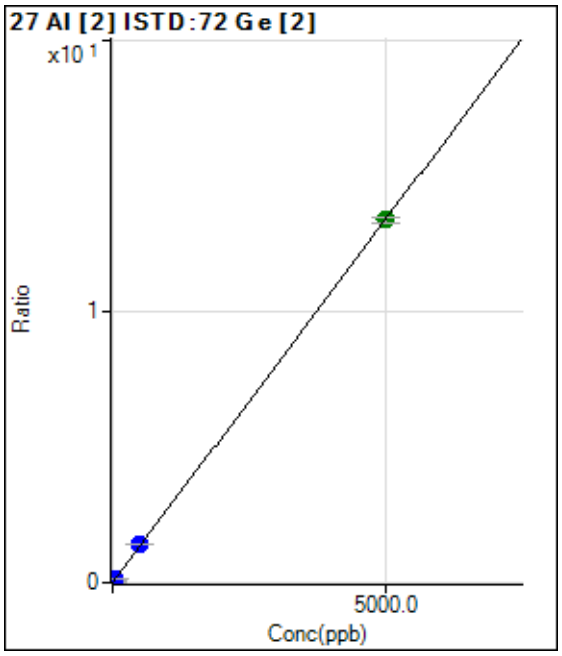
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.33	0.0001	P	44.9
2	☐	10.0000	10.6120	1063.42	0.0038	P	5.5
3	☐	100.0000	100.7688	10553.78	0.0355	P	6.3
4	☐	1000.0000	1005.4581	109056.34	0.3531	P	0.4
5	☐	10000.0000	9999.4459	1102127.46	3.5107	P	1.1
6	☐	2000.0000					

y = 3.5108E-004 * x + 1.2124E-004
R = 1.0000
DL = 0.4655
BEC = 0.3453

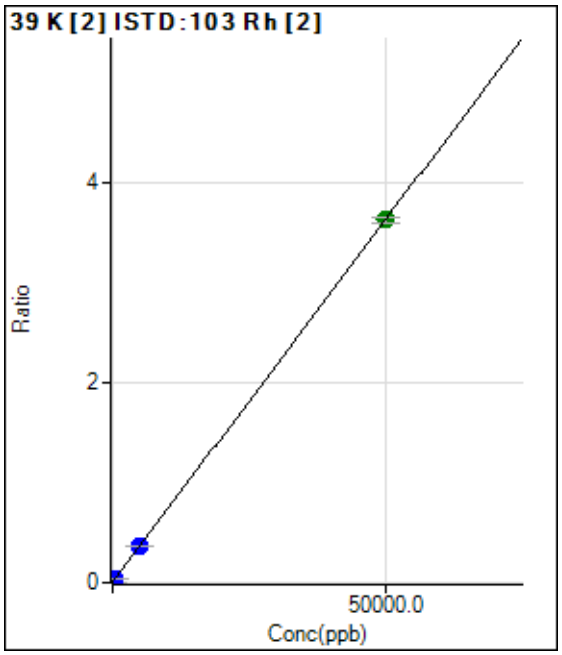
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	153.34	0.0013	P	37.8
2	☐	5.0000	32.9684	10370.33	0.0894	P	3.0
3	☐	50.0000	51.4524	17176.12	0.1389	P	2.7
4	☐	500.0000	525.8737	178967.22	1.4069	P	2.8
5	☐	5000.0000	4997.3701	1771119.30	13.3587	A	1.3
6	☐	1000.0000					

y = 0.0027 * x + 0.0013
R = 1.0000
DL = 0.563
BEC = 0.496

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	9226.31	0.0034	P	5.6
2	☐	50.0000	46.0918	19001.46	0.0067	P	2.3
3	☐	500.0000	491.3937	114706.81	0.0390	P	1.5
4	☐	5000.0000	5111.3940	1110647.80	0.3736	P	0.1
5	☐	50000.0000	49988.9506	10477544.84	3.6238	A	1.9
6	☐	10000.0000					

y = 7.2425E-005 * x + 0.0034

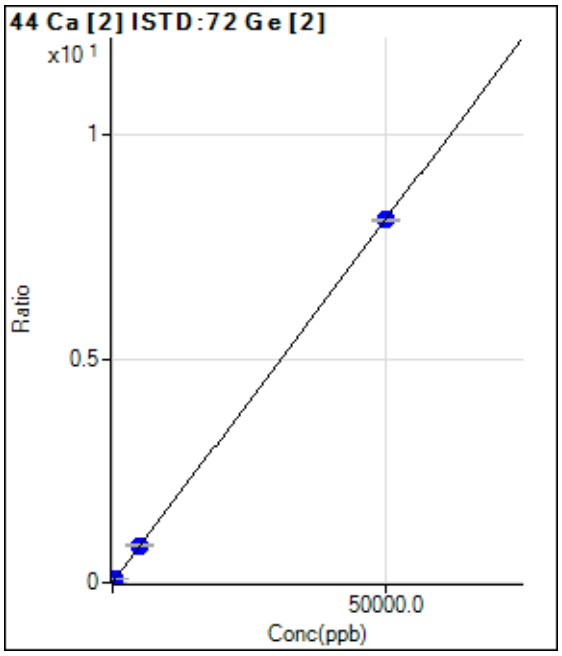
R = 1.0000

DL = 7.824

BEC = 46.47

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	295.61	0.0026	P	41.3
2	☐	50.0000	53.2822	1299.29	0.0112	P	9.9
3	☐	500.0000	512.5351	10594.15	0.0856	P	4.3
4	☐	5000.0000	5079.2801	105069.58	0.8260	P	3.0
5	☐	50000.0000	49991.9434	1074883.43	8.1073	P	0.8
6	☐	10000.0000					

y = 1.6212E-004 * x + 0.0026

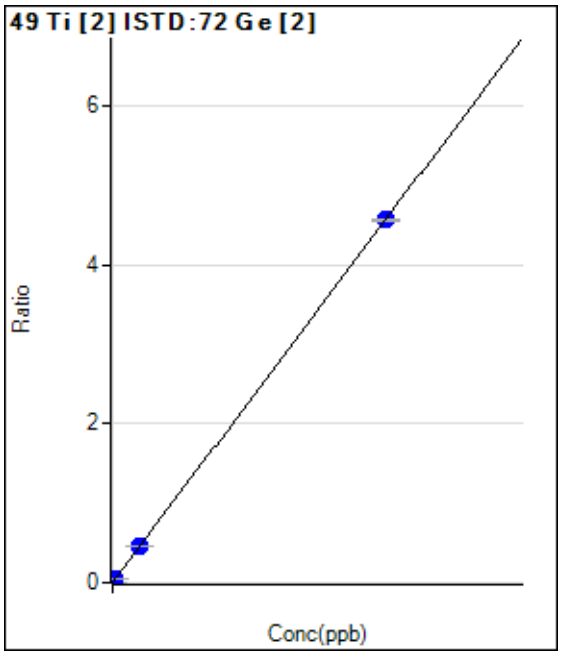
R = 1.0000

DL = 19.5

BEC = 15.75

Weight: None

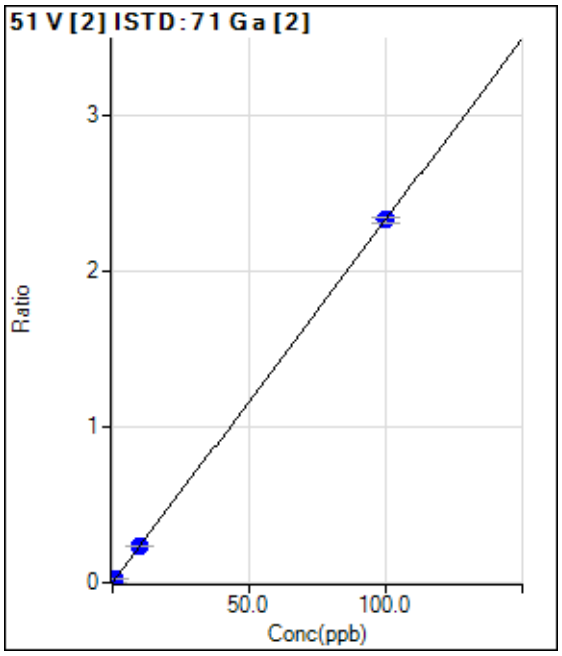
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	43.33	0.0004	P	74.1
2	☐	3.0000	3.3233	630.04	0.0054	P	2.0
3	☐	30.0000	29.0649	5514.52	0.0446	P	9.2
4	☐	300.0000	301.2346	58360.82	0.4587	P	1.6
5	☐	3000.0000	2999.8856	605234.25	4.5650	P	0.6
6	☐	400.0000					

y = 0.0015 * x + 3.7406E-004
R = 1.0000
DL = 0.5468
BEC = 0.2458

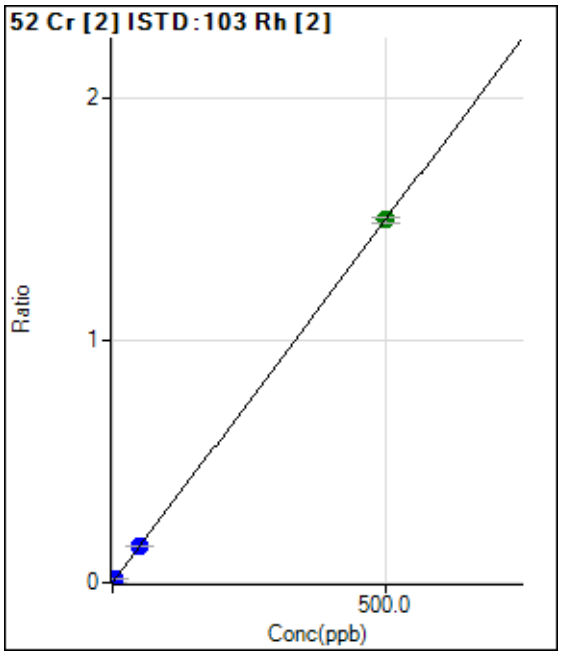
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	207.00	0.0008	P	7.3
2	☐	0.1000	0.1050	885.03	0.0032	P	3.7
3	☐	1.0000	0.9795	7010.16	0.0236	P	3.3
4	☐	10.0000	9.8543	71149.66	0.2304	P	1.3
5	☐	100.0000	100.0148	731899.04	2.3314	P	1.3
6	☐	20.0000					

y = 0.0233 * x + 7.5481E-004
R = 1.0000
DL = 0.007066
BEC = 0.03239

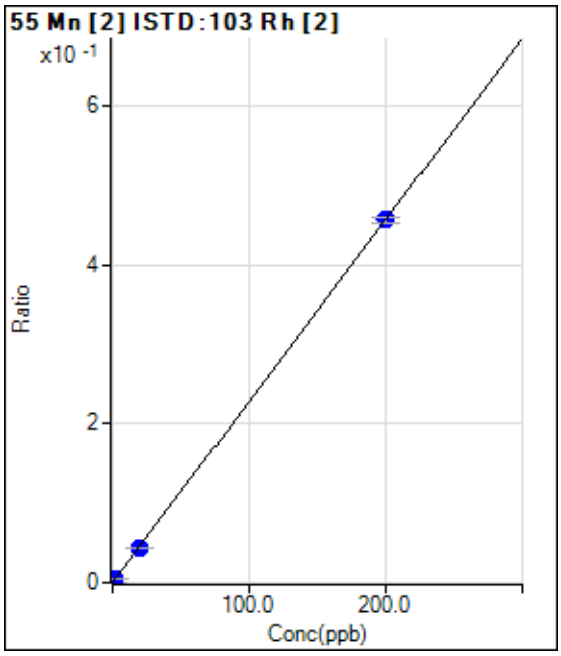
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	995.60	0.0004	P	5.8
2	☐	0.5000	0.4770	5079.74	0.0018	P	3.1
3	☐	5.0000	4.9208	44488.80	0.0151	P	3.0
4	☐	50.0000	50.8071	453698.33	0.1526	P	0.7
5	☐	500.0000	499.9201	4332345.10	1.4983	A	1.3
6	☐	100.0000					

y = 0.0030 * x + 3.6312E-004
R = 1.0000
DL = 0.02115
BEC = 0.1212

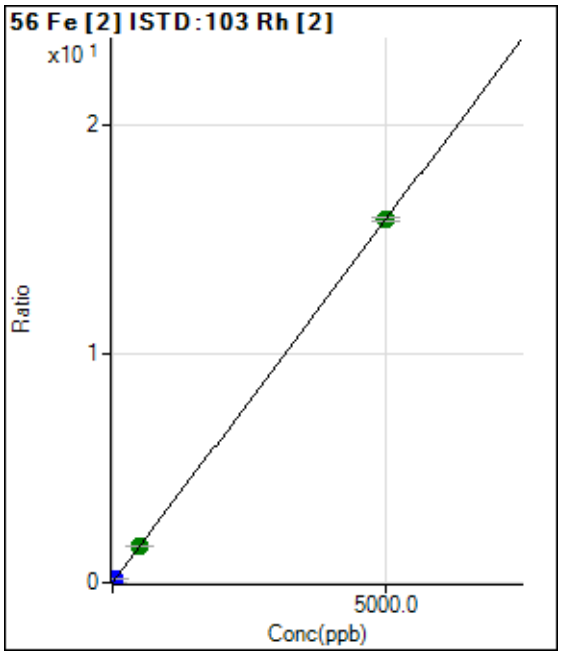
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	461.13	0.0002	P	2.9
2	☐	0.2000	0.2063	1813.46	0.0006	P	5.0
3	☐	2.0000	1.8832	13168.78	0.0045	P	0.9
4	☐	20.0000	19.4638	132747.03	0.0446	P	0.5
5	☐	200.0000	200.0548	1322363.63	0.4574	P	1.7
6	☐	40.0000					

y = 0.0023 * x + 1.6823E-004
R = 1.0000
DL = 0.006371
BEC = 0.07361

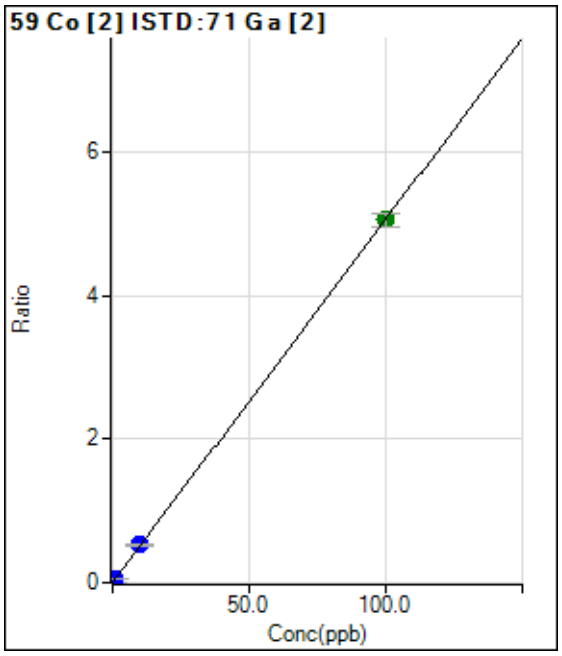
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3807.36	0.0014	P	7.3
2	☐	5.0000	5.7836	55942.90	0.0197	P	1.1
3	☐	50.0000	50.4763	475515.83	0.1615	P	1.0
4	☐	500.0000	502.8645	4745975.55	1.5963	A	0.8
5	☐	5000.0000	4999.7080	45855380.98	15.8588	A	1.2
6	☐	1000.0000					

y = 0.0032 * x + 0.0014
R = 1.0000
DL = 0.09648
BEC = 0.438

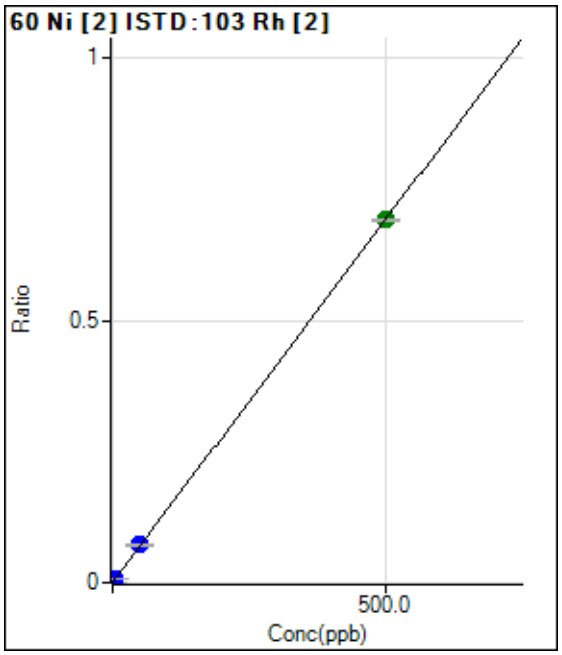
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	43.33	0.0002	P	7.3
2	☐	0.1000	0.1036	1492.31	0.0054	P	7.7
3	☐	1.0000	1.0285	15525.29	0.0522	P	3.5
4	☐	10.0000	10.3751	162239.47	0.5254	P	1.3
5	☐	100.0000	99.9622	1588128.96	5.0603	A	4.0
6	☐	20.0000					

y = 0.0506 * x + 1.5804E-004
R = 1.0000
DL = 0.0006828
BEC = 0.003122

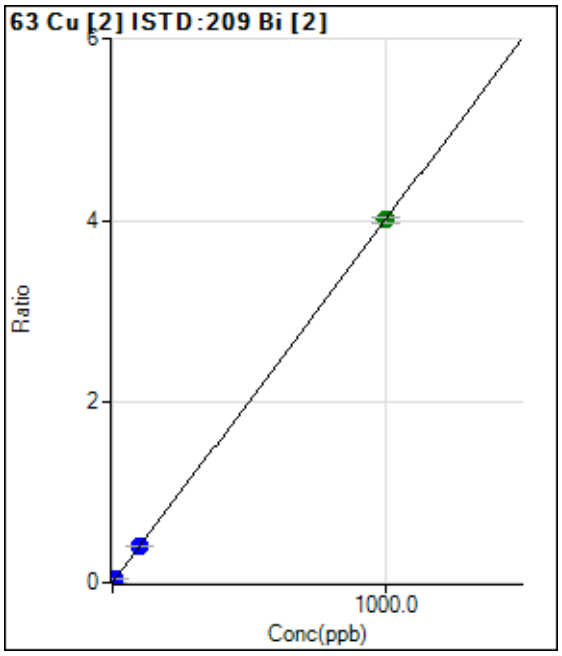
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	63.34	0.0000	P	46.4
2	☐	0.5000	0.5075	2054.61	0.0007	P	4.9
3	☐	5.0000	5.1023	20850.17	0.0071	P	2.9
4	☐	50.0000	51.9021	213494.87	0.0718	P	1.1
5	☐	500.0000	499.8088	1999074.64	0.6913	A	0.3
6	☐	100.0000					

y = 0.0014 * x + 2.3158E-005
R = 1.0000
DL = 0.0233
BEC = 0.01674

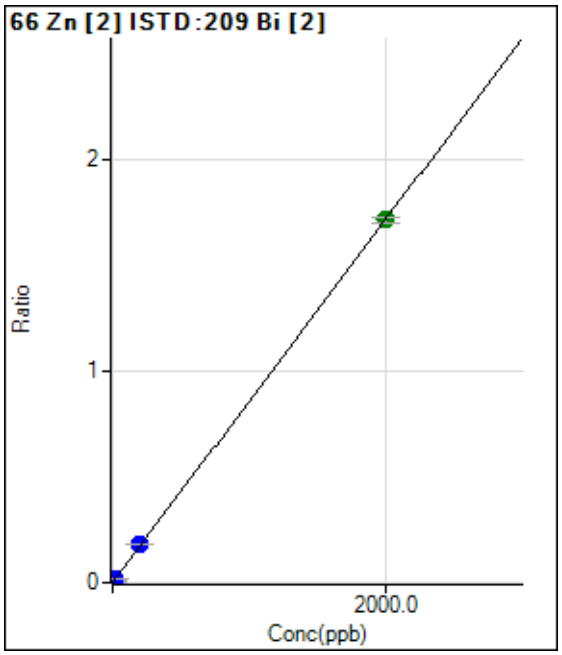
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2733.60	0.0011	P	5.6
2	☐	1.0000	1.0800	13148.73	0.0055	P	2.7
3	☐	10.0000	10.2215	107092.11	0.0421	P	2.6
4	☐	100.0000	101.1370	1058828.74	0.4061	P	1.2
5	☐	1000.0000	999.8840	9654152.67	4.0042	A	1.8
6	☐	200.0000					

y = 0.0040 * x + 0.0011
R = 1.0000
DL = 0.0484
BEC = 0.2864

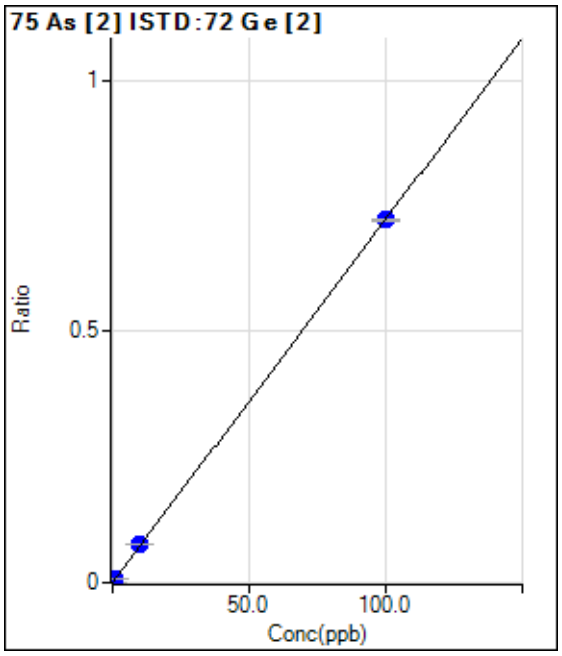
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	266.68	0.0001	P	29.6
2	☐	2.0000	8.0646	16869.41	0.0070	P	3.8
3	☐	20.0000	20.9660	45996.11	0.0181	P	3.3
4	☐	200.0000	209.0128	467098.99	0.1791	P	0.5
5	☐	2000.0000	1999.0830	4128489.94	1.7123	A	1.7
6	☐	400.0000					

y = 8.5649E-004 * x + 1.1199E-004
R = 1.0000
DL = 0.1163
BEC = 0.1308

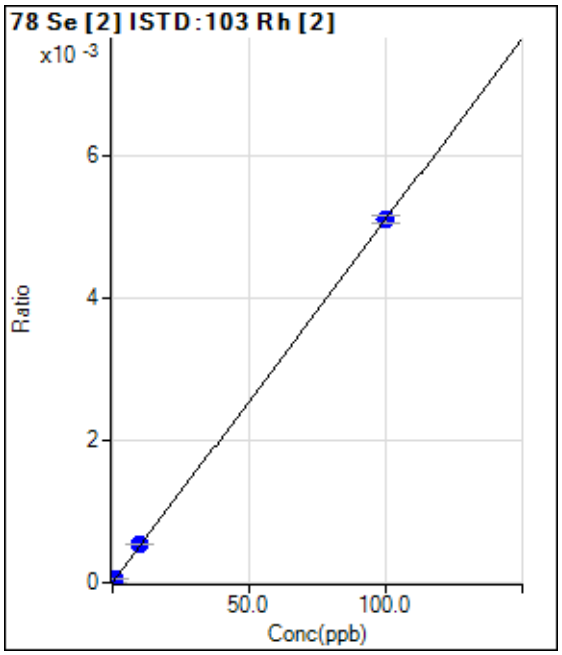
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.33	0.0001	P	39.5
2	☐	0.1000	0.1215	108.00	0.0009	P	4.6
3	☐	1.0000	1.0379	933.70	0.0075	P	4.3
4	☐	10.0000	10.5693	9715.58	0.0764	P	2.6
5	☐	100.0000	99.9427	95681.92	0.7217	P	0.5
6	☐	20.0000					

y = 0.0072 * x + 5.4575E-005
R = 1.0000
DL = 0.008968
BEC = 0.007558

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.60	0.0000	P	24.3
2	☐	0.1000	0.1134	18.00	0.0000	P	24.0
3	☐	1.0000	1.0769	163.33	0.0001	P	4.8
4	☐	10.0000	10.4942	1591.81	0.0005	P	0.8
5	☐	100.0000	99.9498	14729.31	0.0051	P	2.0
6	☐	20.0000					

y = 5.0963E-005 * x + 5.8302E-007

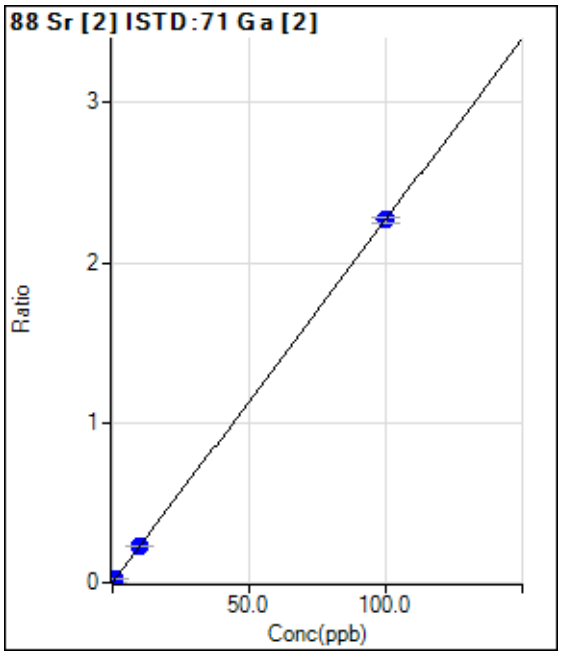
R = 1.0000

DL = 0.008345

BEC = 0.01144

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	40.00	0.0001	P	89.9
2	☐	0.1000	0.1360	893.40	0.0032	P	14.9
3	☐	1.0000	0.9801	6651.67	0.0224	P	3.1
4	☐	10.0000	9.9633	69815.85	0.2261	P	1.7
5	☐	100.0000	100.0038	711979.39	2.2678	P	1.3
6	☐	20.0000					

y = 0.0227 * x + 1.4609E-004

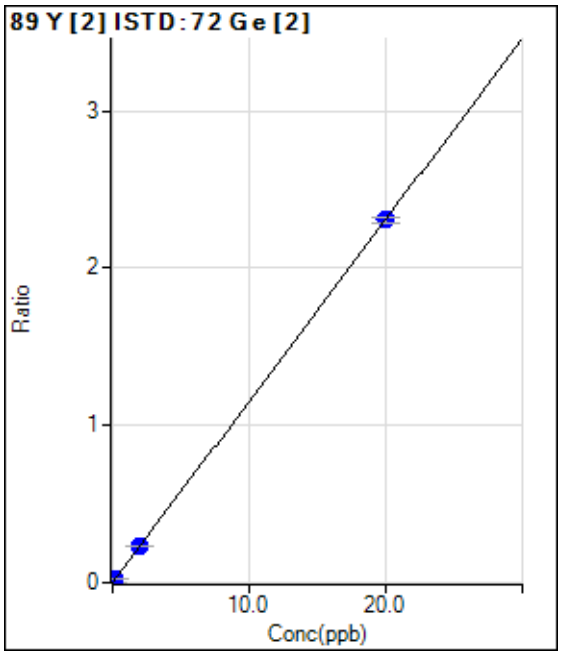
R = 1.0000

DL = 0.01738

BEC = 0.006442

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	6.67	0.0001	P	86.6
2	☐	0.0200	0.0192	263.35	0.0023	P	16.1
3	☐	0.2000	0.2215	3164.59	0.0256	P	18.9
4	☐	2.0000	2.0042	29418.13	0.2312	P	1.3
5	☐	20.0000	19.9994	305809.68	2.3067	P	1.3
6	☐	6.0000					

y = 0.1153 * x + 5.7227E-005

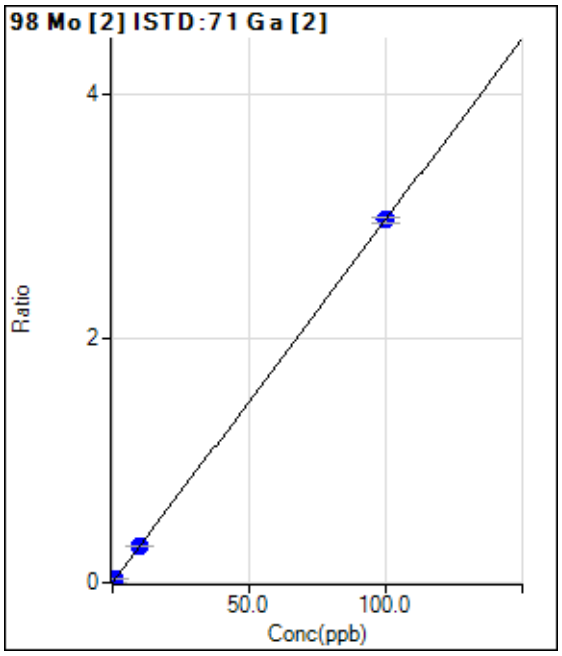
R = 1.0000

DL = 0.001289

BEC = 0.0004962

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	17.78	0.0001	P	28.8
2	☐	0.1000	0.0982	824.48	0.0030	P	6.5
3	☐	1.0000	0.9628	8526.82	0.0287	P	1.2
4	☐	10.0000	9.8797	90681.08	0.2936	P	1.1
5	☐	100.0000	100.0124	932970.14	2.9719	P	1.3
6	☐	20.0000					

y = 0.0297 * x + 6.4876E-005

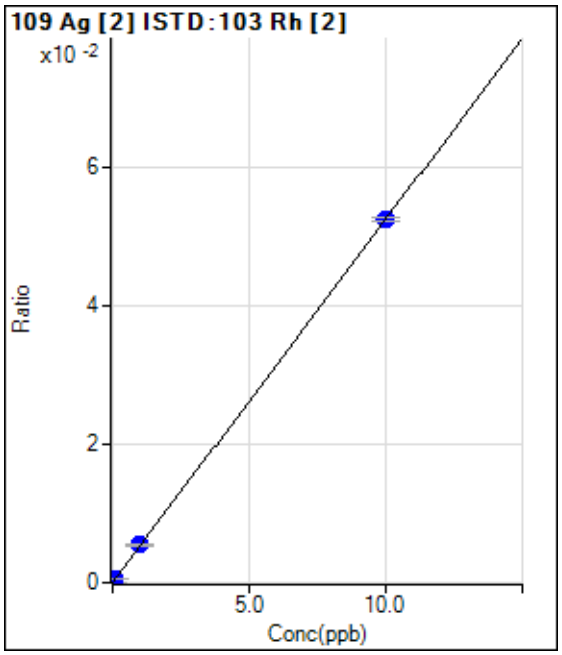
R = 1.0000

DL = 0.001885

BEC = 0.002183

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	25.56	0.0000	P	19.8
2	☐	0.0100	0.0089	158.89	0.0001	P	22.4
3	☐	0.1000	0.1006	1581.22	0.0005	P	1.8
4	☐	1.0000	1.0434	16296.37	0.0055	P	2.7
5	☐	10.0000	9.9957	151601.55	0.0524	P	1.1
6	☐	2.0000					

y = 0.0052 * x + 9.3228E-006

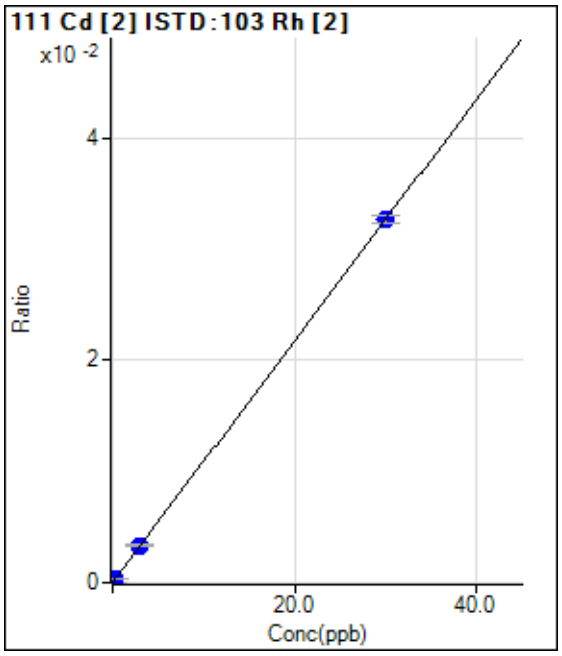
R = 1.0000

DL = 0.001055

BEC = 0.001778

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2.67	0.0000	P	114.0
2	☐	0.0300	0.0256	81.92	0.0000	P	35.4
3	☐	0.3000	0.2928	941.86	0.0003	P	6.1
4	☐	3.0000	3.0852	9990.93	0.0034	P	2.1
5	☐	30.0000	29.9916	94428.57	0.0327	P	2.0
6	☐	6.0000					

y = 0.0011 * x + 9.7019E-007

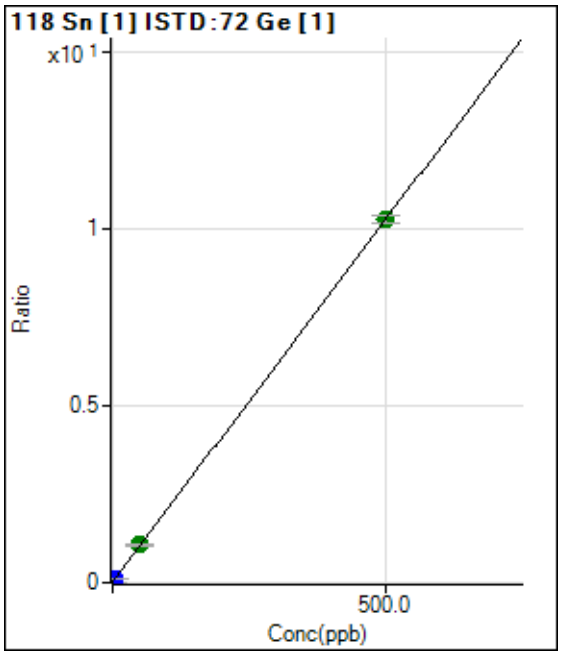
R = 1.0000

DL = 0.003048

BEC = 0.0008909

Weight: None

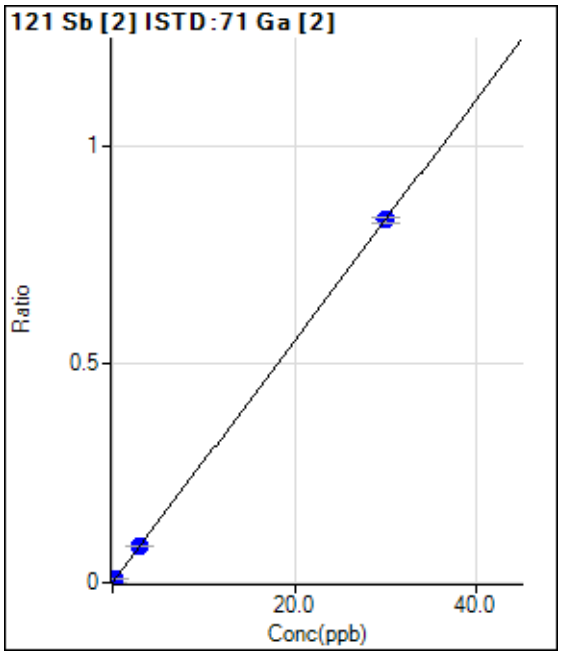
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	16969.83	0.0107	P	1.8
2	☐	0.5000	0.4831	33042.75	0.0206	P	3.1
3	☐	5.0000	4.8694	181617.72	0.1104	P	3.8
4	☐	50.0000	51.5767	1877359.66	1.0668	A	4.2
5	☐	500.0000	499.8437	18882744.30	10.2463	A	2.1
6	☐	100.0000					

y = 0.0205 * x + 0.0107
R = 1.0000
DL = 0.02872
BEC = 0.5209

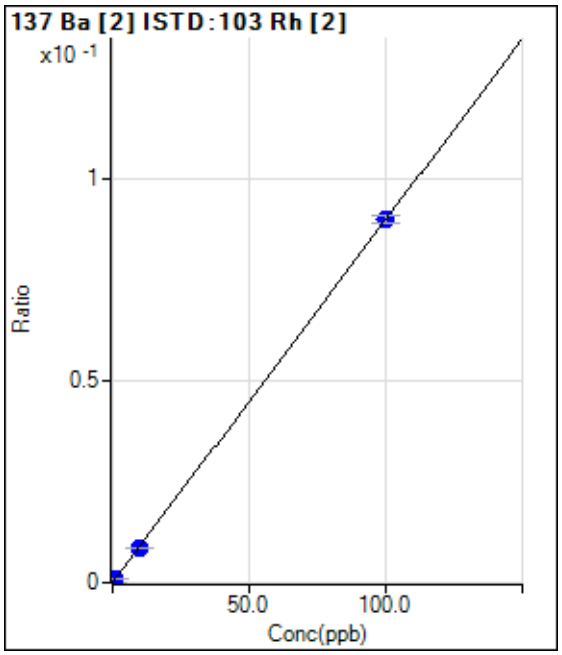
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	41.11	0.0001	P	27.9
2	☐	0.0300	0.0466	397.79	0.0014	P	9.8
3	☐	0.3000	0.3015	2525.80	0.0085	P	0.8
4	☐	3.0000	3.0586	26187.50	0.0848	P	1.0
5	☐	30.0000	29.9941	260625.02	0.8302	P	1.6
6	☐	6.0000					

y = 0.0277 * x + 1.4982E-004
R = 1.0000
DL = 0.004525
BEC = 0.005414

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	43.33	0.0000	P	47.7
2	☐	0.1000	0.0938	283.35	0.0001	P	27.8
3	☐	1.0000	0.8901	2396.96	0.0008	P	12.2
4	☐	10.0000	9.5998	25645.56	0.0086	P	2.8
5	☐	100.0000	100.0411	259466.32	0.0897	P	2.1
6	☐	20.0000					

y = 8.9688E-004 * x + 1.5777E-005

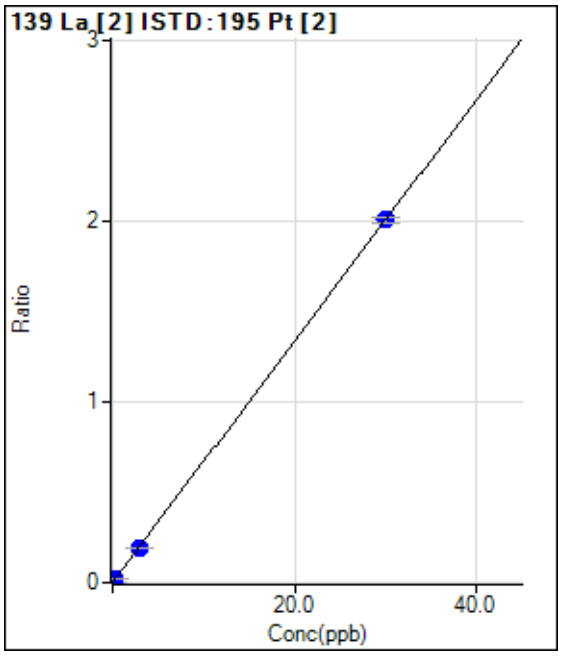
R = 1.0000

DL = 0.02517

BEC = 0.01759

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.33	0.0001	P	34.7
2	☐	0.0300	0.0304	860.07	0.0021	P	12.4
3	☐	0.3000	0.2929	8459.40	0.0196	P	2.9
4	☐	3.0000	2.8828	86827.59	0.1926	P	1.3
5	☐	30.0000	30.0118	879092.67	2.0045	P	1.5
6	☐	6.0000					

y = 0.0668 * x + 8.4220E-005

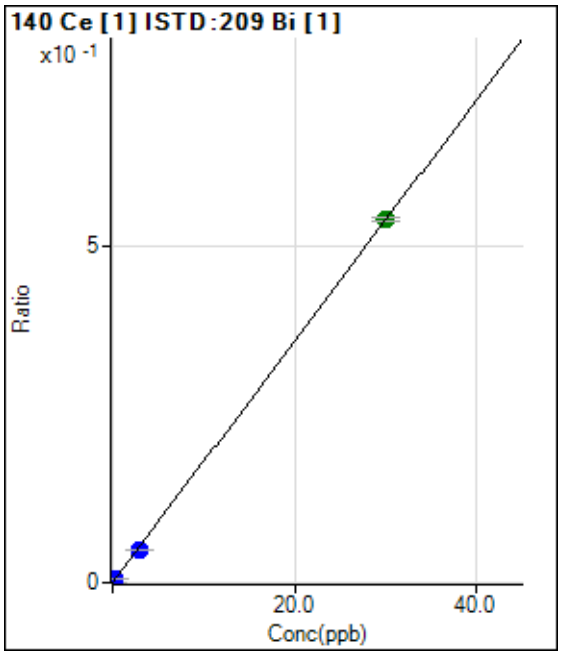
R = 1.0000

DL = 0.001312

BEC = 0.001261

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	223.35	0.0000	P	36.5
2	☐	0.0300	0.0280	4194.11	0.0005	P	6.6
3	☐	0.3000	0.2734	40962.72	0.0049	P	2.7
4	☐	3.0000	2.6731	416393.66	0.0479	P	2.8
5	☐	30.0000	30.0330	4650526.91	0.5381	A	1.2
6	☐	6.0000					

y = 0.0179 * x + 2.8908E-005

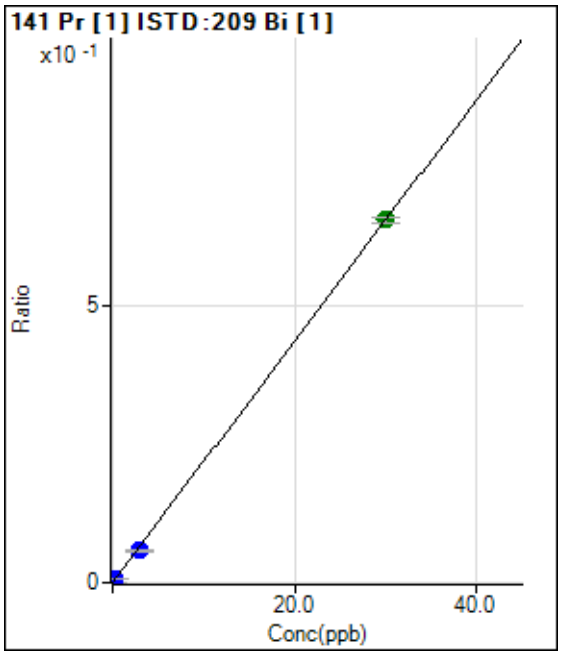
R = 0.9999

DL = 0.001765

BEC = 0.001614

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	46.67	0.0000	P	68.0
2	☐	0.0300	0.0272	4717.60	0.0006	P	3.7
3	☐	0.3000	0.2644	47875.53	0.0058	P	3.2
4	☐	3.0000	2.6642	503673.69	0.0580	P	2.9
5	☐	30.0000	30.0339	5646929.29	0.6533	A	1.8
6	☐	6.0000					

y = 0.0218 * x + 5.9421E-006

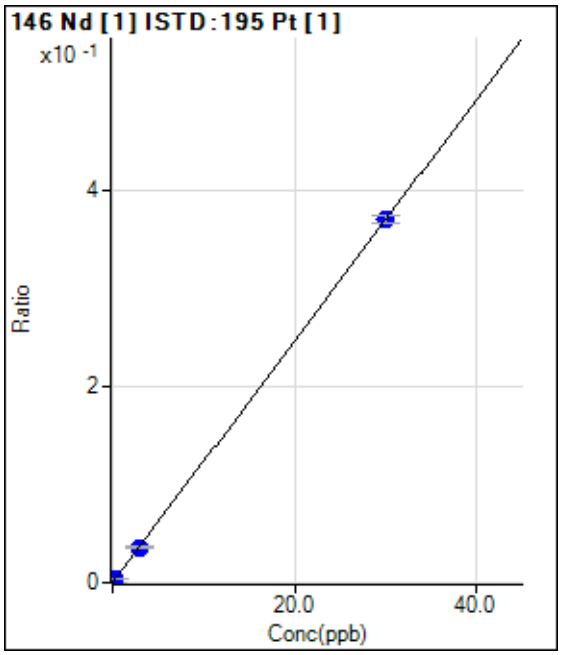
R = 0.9999

DL = 0.0005573

BEC = 0.0002732

Weight: None

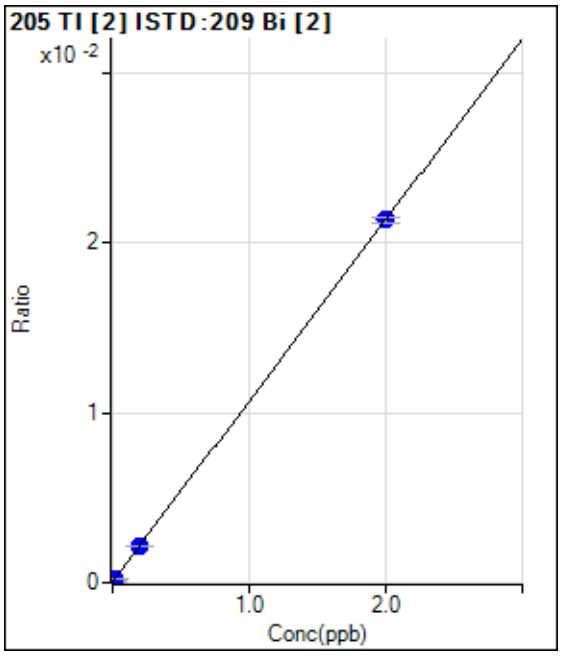
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.00	0.0000	P	98.5
2	☐	0.0300	0.0285	800.06	0.0004	P	8.7
3	☐	0.3000	0.2867	8402.77	0.0035	P	3.4
4	☐	3.0000	2.9137	88458.38	0.0359	P	2.8
5	☐	30.0000	30.0088	950949.18	0.3700	P	2.1
6	☐	6.0000					

y = 0.0123 * x + 4.5581E-006
R = 1.0000
DL = 0.001093
BEC = 0.0003697

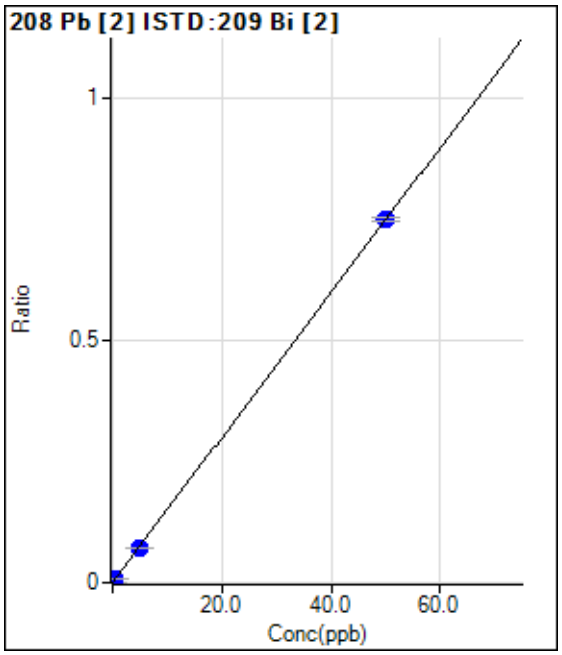
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	120.00	0.0001	P	18.7
2	☐	0.0020	0.0024	181.91	0.0001	P	8.9
3	☐	0.0200	0.0185	629.07	0.0002	P	9.1
4	☐	0.2000	0.1951	5549.65	0.0021	P	3.0
5	☐	2.0000	2.0005	51493.24	0.0214	P	1.6
6	☐	0.4000					

y = 0.0107 * x + 5.0385E-005
R = 1.0000
DL = 0.002648
BEC = 0.004731

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	806.73	0.0003	P	21.1
2	☐	0.0500	0.0509	2646.90	0.0011	P	5.6
3	☐	0.5000	0.4833	19289.15	0.0076	P	2.7
4	☐	5.0000	4.8354	189729.90	0.0728	P	0.5
5	☐	50.0000	50.0166	1807044.28	0.7495	P	1.1
6	☐	10.0000					

y = 0.0150 * x + 3.3850E-004

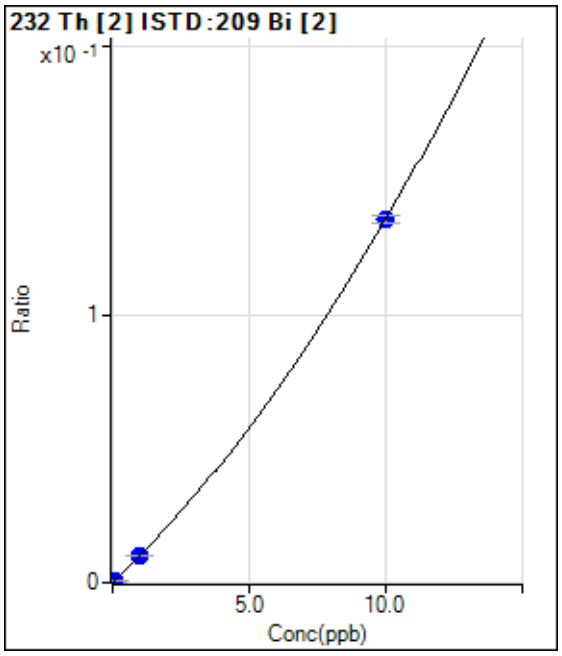
R = 1.0000

DL = 0.0143

BEC = 0.0226

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0014	32.22	0.0000	P	31.4
2	☐	0.0100	0.0075	173.34	0.0001	P	13.7
3	☐	0.1000	0.0876	2149.21	0.0008	P	19.5
4	☐	1.0000	1.0013	26119.51	0.0100	P	2.0
5	☐	10.0000	10.0000	326200.23	0.1353	P	2.2
6	☐	2.0000					

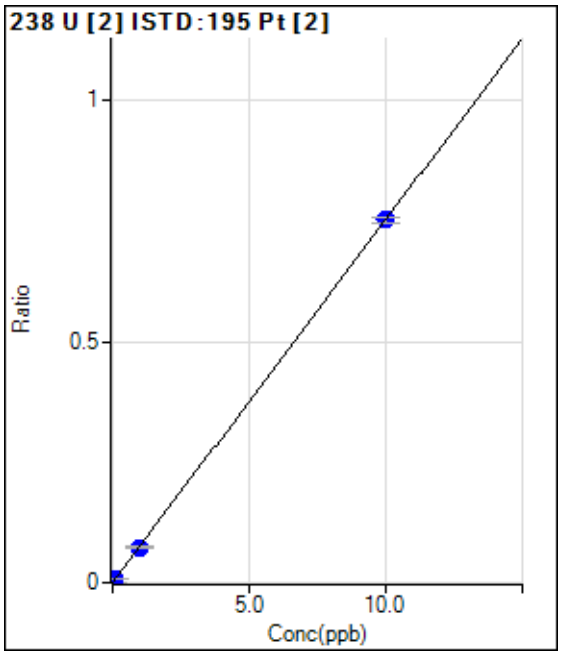
y = 3.9189E-004 * x ^ 2 + 0.0096 * x

DL = 0.001327

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7.78	0.0000	P	65.9
2	☐	0.0100	0.0088	276.67	0.0007	P	8.6
3	☐	0.1000	0.0923	2995.91	0.0070	P	7.0
4	☐	1.0000	0.9755	33055.59	0.0733	P	2.6
5	☐	10.0000	10.0025	329683.82	0.7517	P	1.3
6	☐	2.0000					

y = 0.0752 * x + 1.9675E-005

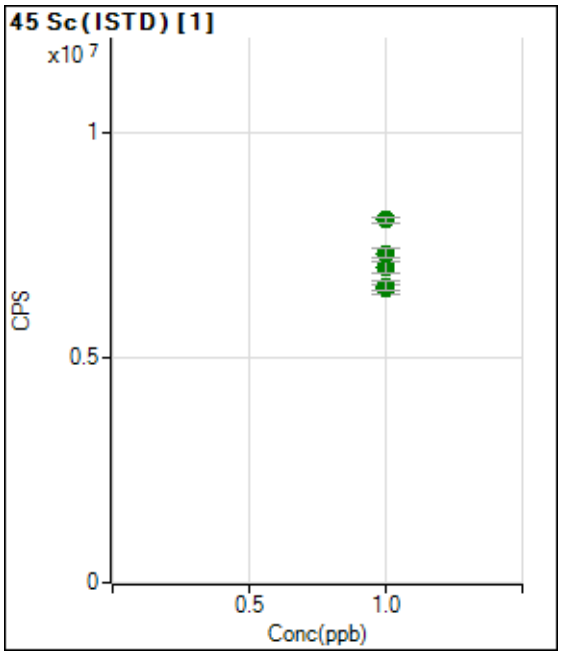
R = 1.0000

DL = 0.0005173

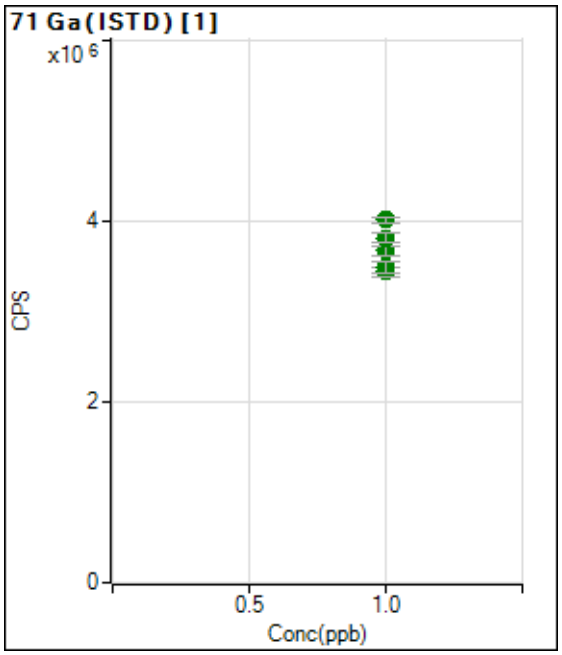
BEC = 0.0002618

Weight: None

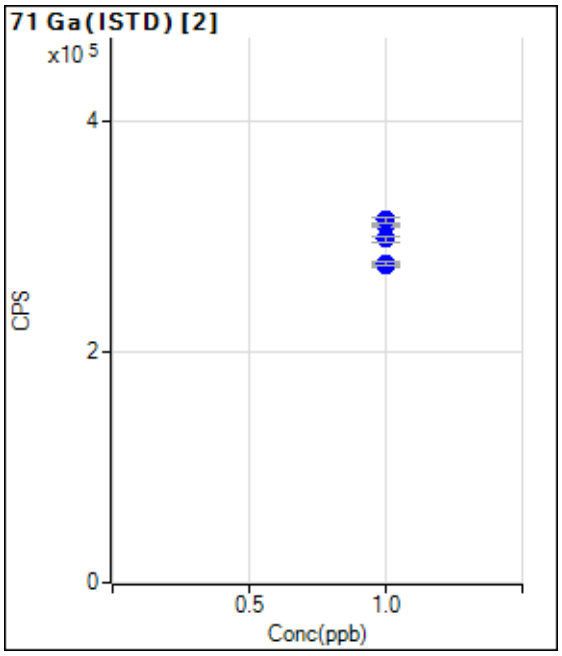
Min Conc: <None>



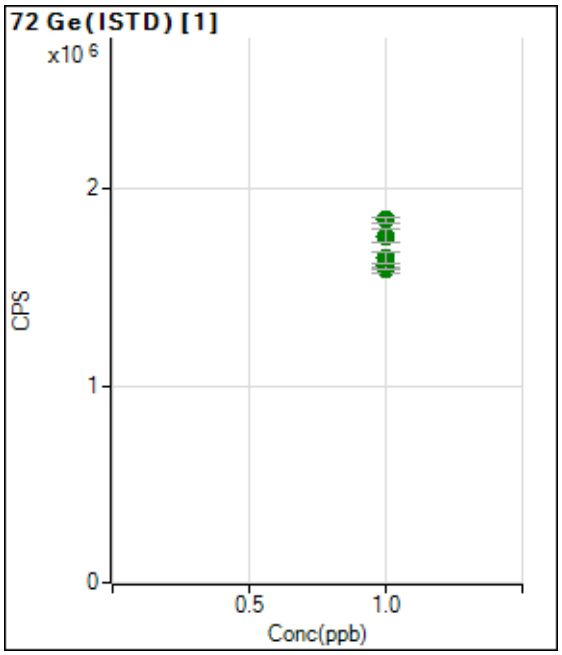
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		6519677.40		A	3.5
2	☐	1.0000		6587146.78		A	3.3
3	☐	1.0000		7000810.93		A	3.6
4	☐	1.0000		7305352.60		A	2.9
5	☐	1.0000		8050352.59		A	1.7
6	☐	1.0000					



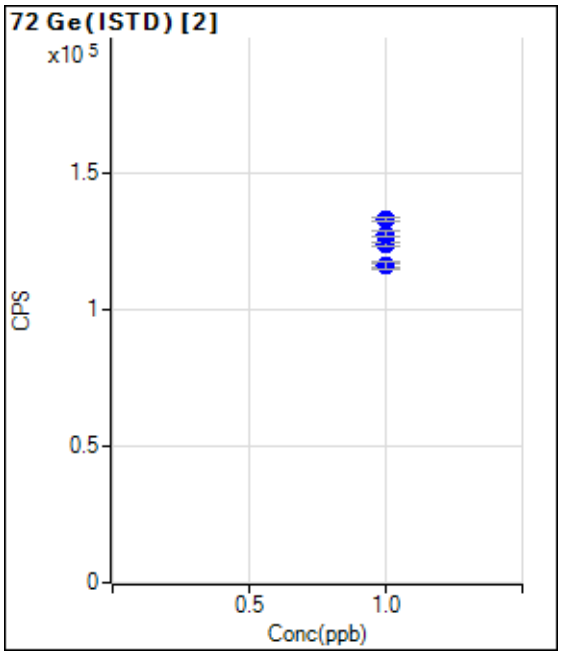
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3439000.47		A	2.8
2	☐	1.0000		3486055.57		A	3.9
3	☐	1.0000		3673259.74		A	2.8
4	☐	1.0000		3816112.97		A	2.7
5	☐	1.0000		4012761.19		A	1.8
6	☐	1.0000					



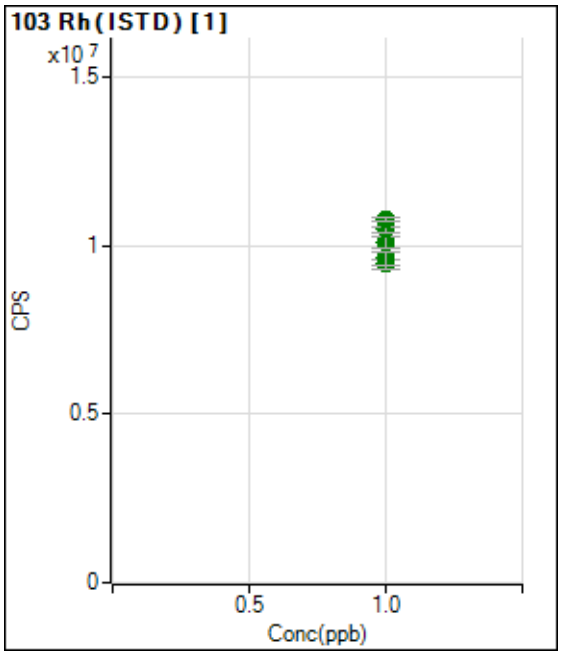
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		274156.56		P	1.0
2	☐	1.0000		276428.13		P	1.5
3	☐	1.0000		297377.94		P	1.4
4	☐	1.0000		308837.27		P	0.7
5	☐	1.0000		313967.55		P	1.5
6	☐	1.0000					



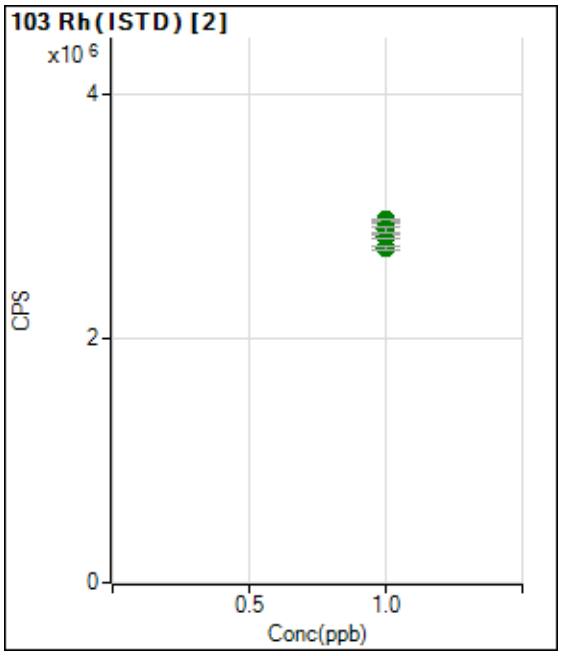
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1591080.13		A	1.9
2	☐	1.0000		1607309.30		A	2.1
3	☐	1.0000		1646831.38		A	3.5
4	☐	1.0000		1761496.28		A	3.6
5	☐	1.0000		1842850.91		A	1.7
6	☐	1.0000					



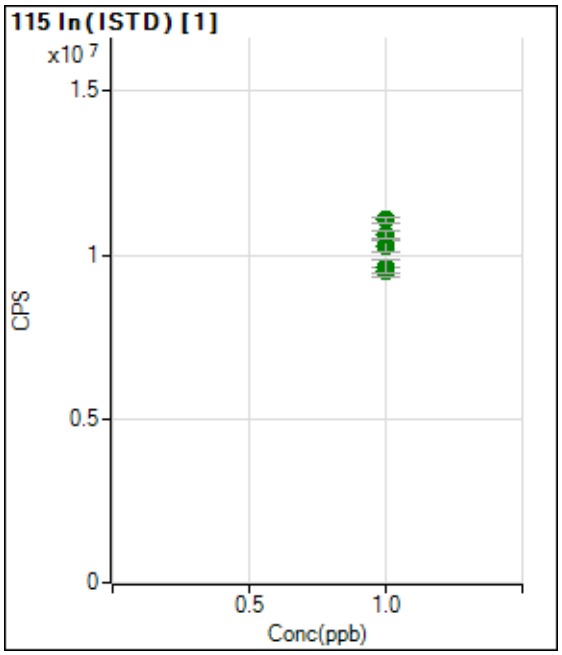
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		115932.54		P	1.0
2	☐	1.0000		115979.61		P	2.2
3	☐	1.0000		123725.33		P	1.2
4	☐	1.0000		127245.06		P	1.7
5	☐	1.0000		132584.55		P	0.9
6	☐	1.0000					



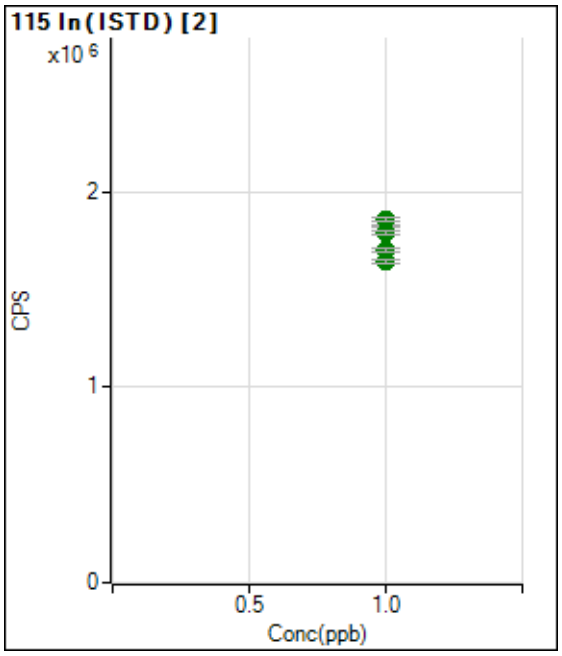
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9443121.94		A	2.7
2	☐	1.0000		9611630.90		A	3.9
3	☐	1.0000		10090634.23		A	3.9
4	☐	1.0000		10466095.88		A	2.1
5	☐	1.0000		10758765.26		A	1.2
6	☐	1.0000					



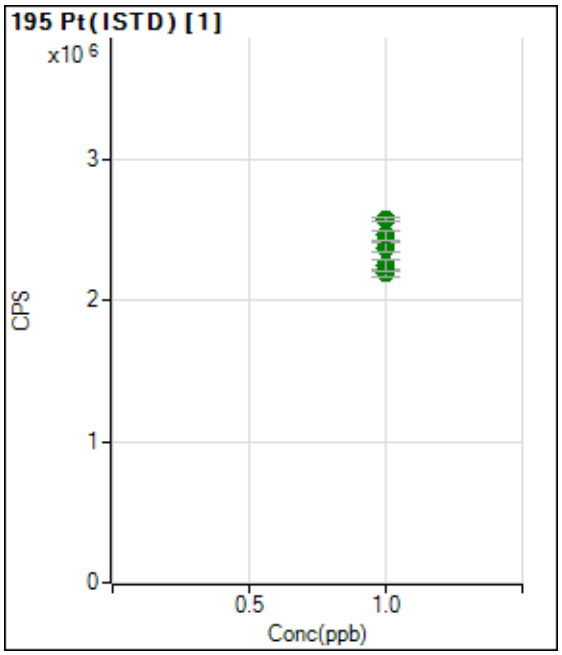
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2741077.98		A	0.8
2	☐	1.0000		2834790.06		A	1.5
3	☐	1.0000		2944666.73		A	0.3
4	☐	1.0000		2973140.06		A	0.3
5	☐	1.0000		2891782.04		A	1.4
6	☐	1.0000					



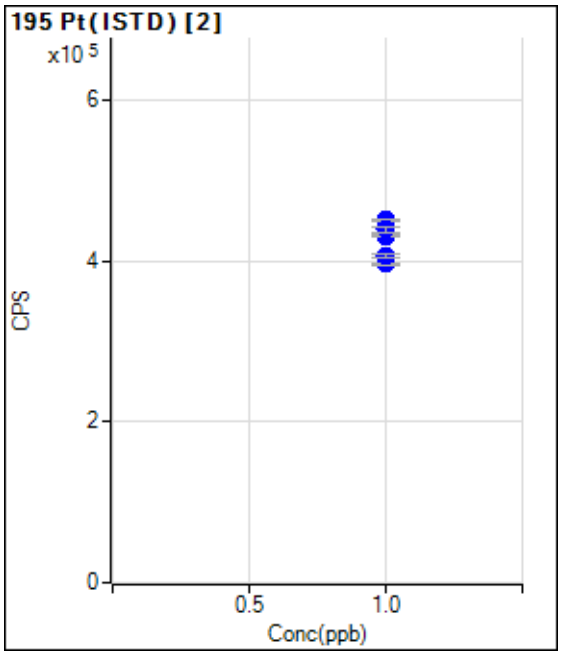
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9494672.28		A	3.0
2	☐	1.0000		9652649.34		A	3.8
3	☐	1.0000		10254818.65		A	3.3
4	☐	1.0000		10623450.35		A	2.3
5	☐	1.0000		11076130.58		A	1.6
6	☐	1.0000					



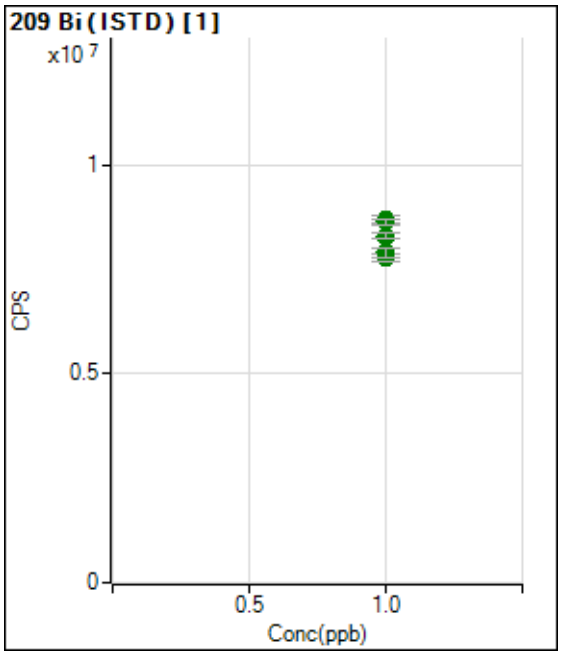
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1645322.60		A	1.0
2	☐	1.0000		1704868.80		A	0.8
3	☐	1.0000		1825409.92		A	1.0
4	☐	1.0000		1857551.15		A	1.1
5	☐	1.0000		1792920.95		A	0.7
6	☐	1.0000					



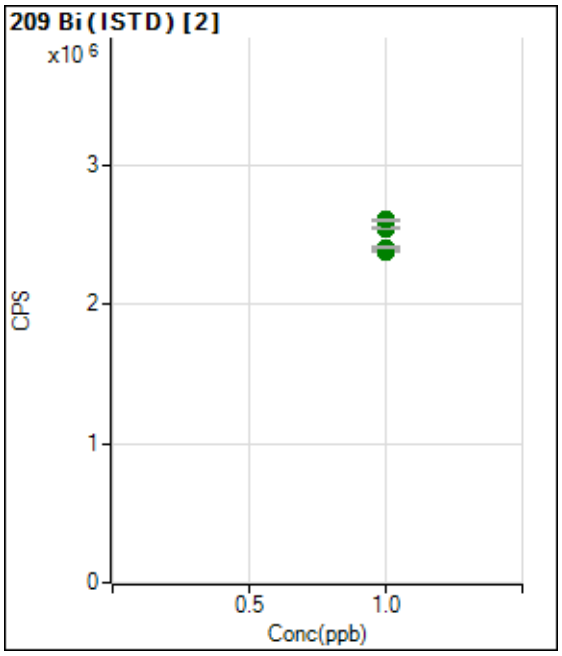
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2191429.29		A	2.4
2	☐	1.0000		2248736.27		A	3.6
3	☐	1.0000		2373189.60		A	3.0
4	☐	1.0000		2463208.87		A	2.9
5	☐	1.0000		2570258.71		A	1.0
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		395840.62		P	0.4
2	☐	1.0000		407031.70		P	1.3
3	☐	1.0000		430505.66		P	0.8
4	☐	1.0000		450773.38		P	0.5
5	☐	1.0000		438600.73		P	1.2
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7768558.42		A	2.5
2	☐	1.0000		7905005.72		A	2.8
3	☐	1.0000		8315846.96		A	2.0
4	☐	1.0000		8693400.29		A	2.0
5	☐	1.0000		8643741.33		A	1.7
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2383706.84		A	0.9
2	☐	1.0000		2403580.80		A	0.8
3	☐	1.0000		2545912.25		A	0.7
4	☐	1.0000		2607590.07		A	0.2
5	☐	1.0000		2411271.79		A	1.0
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 22 Feb 2022 10:57:46 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

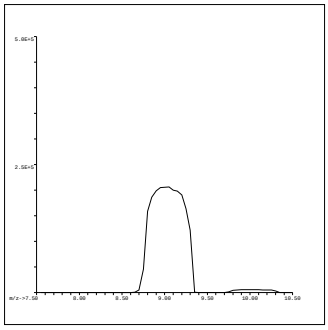
Element	Actual	Required	Flag
9 Be	0.90	5.00	
24 Mg	0.91	5.00	
25 Mg	0.97	5.00	
26 Mg	1.23	5.00	
59 Co	1.04	5.00	
115 In	1.14	5.00	
206 Pb	1.04	5.00	
207 Pb	1.86	5.00	
208 Pb	1.41	5.00	

Ion Ratio

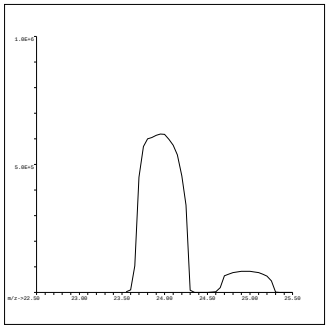
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

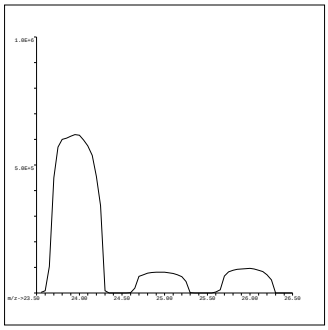
Element	Actual	Required	Flag



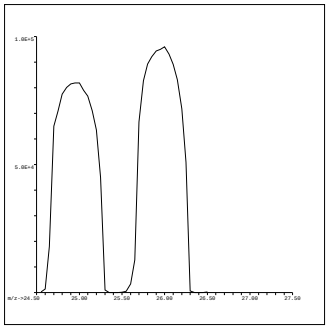
9 Be
Mass Calib.
   Actual: 9.00
   Required: 8.90-9.10
   Flag:
Peak Width
   Actual: 0.55
   Required: 0.80
   Flag:



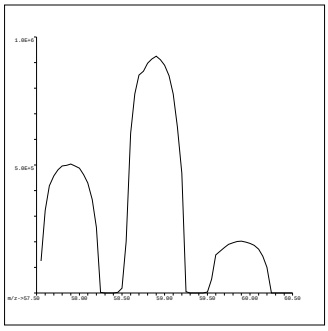
24 Mg
Mass Calib.
   Actual: 23.90
   Required: 23.90-24.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



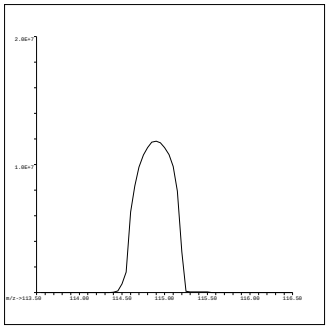
25 Mg
Mass Calib.
   Actual: 24.95
   Required: 24.90-25.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



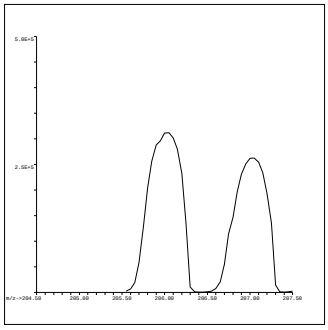
26 Mg
Mass Calib.
   Actual: 25.95
   Required: 25.90-26.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



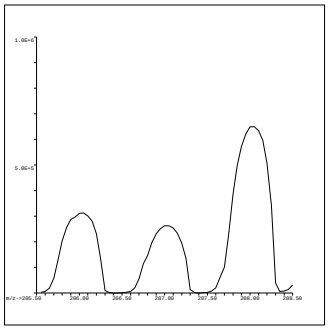
59 Co
Mass Calib.
   Actual: 58.90
   Required: 58.90-59.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



115 In
Mass Calib.
   Actual: 114.90
   Required: 114.90-115.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:

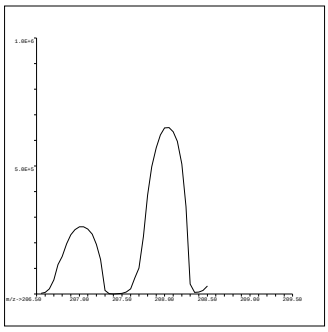


206 Pb
Mass Calib.
   Actual: 206.00
   Required: 205.90-206.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



207 Pb
Mass Calib.
   Actual: 207.05
   Required: 206.90-207.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.05
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Sequence 22B23l00

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 02/23/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST201231-3, expires 04/30/2022) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22B23I00.B\
Analysis File: 22B23I00.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		2/23/2022 11:09:11	001CALB.D	RINSE	CalBlk	1	1.0000
2		2/23/2022 11:12:10	002CALB.D	RINSE	CalBlk	1	1.0000
3		2/23/2022 11:18:06	003CALB.D	RINSE	CalBlk	1	1.0000
4		2/23/2022 11:24:04	004CALB.D	BLANK	CalBlk	1	1.0000
5		2/23/2022 11:30:00	005CALS.D	H/1000	CalStd	2	1.0000
6		2/23/2022 11:35:58	006CALS.D	H/100	CalStd	3	1.0000
7		2/23/2022 11:41:53	007CALS.D	H/10	CalStd	4	1.0000
8		2/23/2022 11:47:45	008CALS.D	HIGH	CalStd	5	1.0000
9		2/23/2022 11:58:23	001SMPL_22B23I01.D	RINSE	Sample		1.0000
10		2/23/2022 12:01:24	002SMPL_22B23I01.D	BLANK	Sample		1.0000
11		2/23/2022 12:04:22	003SMPL_22B23I01.D	ICV	6-ICV		1.0000
12		2/23/2022 12:10:14	004SMPL_22B23I01.D	ICB	6-CCB		1.0000
13		2/23/2022 12:13:14	005SMPL_22B23I01.D	LIV	RLCV		1.0000
14		2/23/2022 12:16:13	006SMPL_22B23I01.D	ICSA	6-ICSA		1.0000
15		2/23/2022 12:22:06	007SMPL_22B23I01.D	ICSAB	6-ICSAB		1.0000
16		2/23/2022 12:27:59	008SMPL_22B23I01.D	CCV	6-CCV		1.0000
17		2/23/2022 12:33:52	009SMPL_22B23I01.D	CCB	6-CCB		1.0000
18		2/23/2022 12:36:54	010SMPL_22B23I01.D	IP220214-2MB 5X	6-CCB		1.0000
19		2/23/2022 12:39:53	011SMPL_22B23I01.D	2201396-5 5X	Sample		1.0000
20		2/23/2022 12:45:51	012SMPL_22B23I01.D	CCV	6-CCV		1.0000
21		2/23/2022 12:51:47	013SMPL_22B23I01.D	CCB	6-CCB		1.0000
22		2/23/2022 12:54:47	014SMPL_22B23I01.D	2202184-8 1000X	Sample		1.0000
23		2/23/2022 12:57:45	015SMPL_22B23I01.D	2202184-11 1000X	Sample		1.0000
24		2/23/2022 13:00:42	016SMPL_22B23I01.D	2202184-12 1000X	Sample		1.0000
25		2/23/2022 13:03:40	017SMPL_22B23I01.D	2202184-13 1000X	Sample		1.0000
26		2/23/2022 13:06:38	018SMPL_22B23I01.D	2202184-14 1000X	Sample		1.0000
27		2/23/2022 13:09:36	019SMPL_22B23I01.D	2202184-15 1000X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		2/23/2022 13:12:34	020SMPL_22B23I01.D	2202184-16 1000X	Sample		1.0000
29		2/23/2022 13:15:31	021SMPL_22B23I01.D	2202184-17 1000X	Sample		1.0000
30		2/23/2022 13:18:31	022SMPL_22B23I01.D	2202184-18 1000X	Sample		1.0000
31		2/23/2022 13:21:28	023SMPL_22B23I01.D	2202184-19 1000X	Sample		1.0000
32		2/23/2022 13:27:22	024SMPL_22B23I01.D	CCV	6-CCV		1.0000
33		2/23/2022 13:33:14	025SMPL_22B23I01.D	CCB	6-CCB		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0147	2720.24	0.0041	102.00	0.1082	13792.39	-1.5817	10660.44	1.5826	200.01
2	RINSE	0.0138	2625.56	0.0008	36.67	0.1888	14912.22	-1.1062	10970.74	1.6324	203.34
3	RINSE	0.0006	1613.42	0.0000	20.67	-0.0111	11536.24	-0.0934	10126.79	0.3176	73.34
4	BLANK	0.0000	1548.75	0.0000	20.00	0.0000	11427.35	0.0000	10100.12	0.0000	43.33
5	H/1000	0.9473	68746.71	0.0531	1070.71	1.0257	26893.56	102.2398	74919.15	10.6933	1066.75
6	H/100	9.3082	692199.81	0.5098	10447.25	10.4647	166053.84	1010.5757	683926.45	100.0768	10233.60
7	H/10	100.7027	7861800.83	5.1758	114531.20	107.3163	1713045.24	10602.6400	7323375.10	1027.3993	109713.17
8	HIGH	999.9367	75995498.67	49.9823	1123275.29	999.2637	16085999.36	99939.6280	71435088.93	9997.2586	1077929.49
9	RINSE	0.1171	10101.73	0.0004	29.33	4.6380	77889.72	1.4020	12541.83	1.4032	183.34
10	BLANK	0.0532	5249.51	-0.0001	18.67	2.9860	52446.84	1.4758	10977.48	-0.0290	40.00
11	ICV	199.2369	15059825.33	9.9888	214549.05	214.2939	3307212.65	21158.9376	14223508.54	1973.3302	205457.59
12	ICB	0.0492	4974.76	0.0000	20.00	3.9779	65957.84	2.0205	11351.06	-0.1792	26.67
13	LIV	1.9644	138752.68	0.0528	1062.04	18.4846	271489.46	107.5308	78732.55	9.3194	946.74
14	ICSA	0.0680	6912.78	0.0002	28.00	2.0695	45542.89	25418.2242	17343741.41	9612.7239	992910.77
15	ICSAB	97.9589	7591572.17	4.8949	110382.46	103.8277	1689369.58	35122.1487	25099764.63	10689.4455	1146591.65
16	CCV	97.2000	7863839.33	4.9920	115216.79	104.7454	1744202.85	9942.1265	7455171.14	1007.5034	113655.51
17	CCB	0.0403	4691.34	-0.0005	12.00	2.8257	54406.36	1.4229	11798.02	-0.1016	36.67
18	IP220214-2MB 5X	0.0295	3832.46	-0.0002	18.67	1.7098	37745.15	1.2617	11497.76	-0.0928	36.67
19	2201396-5 5X	0.9875	79432.21	-0.0002	19.33	6.1803	113199.63	4213.0976	3202837.04	2192.2755	238481.01
20	CCV	100.3829	8231839.83	5.1266	119943.27	106.0185	1788351.70	10428.9707	7676693.43	1007.9809	113773.22
21	CCB	0.0346	4236.57	-0.0002	18.00	2.1857	44776.28	1.6000	11574.50	-0.2584	20.00
22	2202184-8 1000X	0.0534	5779.03	0.0079	190.00	1.1129	30172.49	4.8936	14593.70	142.0234	15097.41
23	2202184-11 10...	0.0560	6033.78	0.0074	181.33	0.5450	21676.16	6.7003	15581.27	69.1539	7301.88
24	2202184-12 10...	0.0661	6739.38	0.0033	93.33	0.2410	17151.48	5.4037	14747.11	115.0512	12038.09
25	2202184-13 10...	0.0802	7814.51	0.0073	179.33	0.1183	15194.67	4.9164	14563.53	106.1762	11134.22
26	2202184-14 10...	0.0716	7224.94	0.0071	176.67	0.0866	14874.36	5.7554	15124.21	105.4107	11010.84
27	2202184-15 10...	0.0511	5471.59	0.0016	56.00	0.1393	15305.90	9.1051	16742.32	12.4050	1296.78
28	2202184-16 10...	0.0424	4863.39	0.0011	46.00	0.2915	17490.66	15.4744	20813.60	9.7694	1040.08
29	2202184-17 10...	0.0741	7431.00	0.0076	185.33	0.2168	16688.32	4.7798	14616.96	131.5654	13849.62
30	2202184-18 10...	0.0451	5100.80	0.0012	48.67	0.3419	18199.88	11.2349	18497.64	13.5708	1430.14
31	2202184-19 10...	0.0887	8380.79	0.0032	90.00	0.4046	19388.93	11.2086	18387.41	37.7552	3887.28

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	98.9061	7869579.67	5.0900	115380.92	105.4494	1724767.12	10272.1967	7416699.68	1007.8552	111871.09
33	CCB	0.0266	3671.76	-0.0006	9.33	1.8261	39563.65	0.6436	11044.15	0.2128	66.67

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	13.8324	5904.64	1.1180	6021.34	14.1051	428.58	0.5153	110.01	0.0331	428.34
2	RINSE	14.6901	6184.74	0.5335	5917.95	14.7618	439.85	0.2255	50.00	0.0172	317.34
3	RINSE	0.4397	1050.09	0.6877	5894.64	-1.7797	69.20	0.1311	26.67	0.0009	200.33
4	BLANK	0.0000	910.06	0.0000	5667.91	0.0000	101.90	0.0000	3.33	0.0000	194.33
5	H/1000	33.9963	11380.99	51.3225	16742.41	63.7859	1327.23	3.0459	553.37	0.1017	875.36
6	H/100	51.3868	17639.95	470.3177	109291.42	507.1618	10361.48	27.9444	5324.40	0.9725	7092.21
7	H/10	525.2112	177258.08	4883.1217	1096640.12	5270.8459	110453.72	308.7899	60866.54	9.9994	74424.11
8	HIGH	4997.4360	1739013.98	50011.9833	10357925.05	49972.8300	1084118.21	2999.1415	612857.87	100.0003	749790.88
9	RINSE	1.5075	1556.82	0.7809	5974.65	13.6602	408.13	0.0971	23.33	0.0093	267.00
10	BLANK	-1.3189	513.37	0.5242	5707.89	-0.3448	95.05	0.0573	13.33	-0.0011	184.67
11	ICV	1027.3373	336774.30	9615.1140	2091642.11	10223.3558	208520.44	404.7854	77736.94	19.7136	142872.33
12	ICB	-1.8252	363.36	3.0478	6284.84	-0.6774	89.37	0.0571	13.33	-0.0004	193.00
13	LIV	8.8389	3670.57	97.6155	25994.71	116.9058	2358.18	20.8515	3790.58	0.5722	4053.18
14	ICSA	9631.2699	3196837.35	9615.7072	2054744.76	29292.7289	606392.31	200.2523	39047.27	-0.0076	159.33
15	ICSAB	10082.5274	3505724.22	14864.8185	3235386.10	34193.4833	741477.80	502.3914	102605.41	10.1650	76016.59
16	CCV	494.4763	181241.54	5030.3196	1161058.47	4996.7451	113675.77	291.5354	62412.55	9.7979	77038.20
17	CCB	-2.1167	296.68	3.2174	6698.30	-1.5799	77.57	0.1400	30.00	-0.0020	196.33
18	IP220214-2MB 5X	-1.6806	430.02	2.7786	6484.90	2.0381	147.76	0.1432	30.00	-0.0068	160.00
19	2201396-5 5X	8.2422	4157.39	1067.1853	246892.45	7180.2116	165162.30	1.3677	300.01	3.5547	27103.39
20	CCV	523.0495	188146.00	4973.6227	1169524.98	5190.8637	115920.24	306.0704	64309.89	10.0825	79312.16
21	CCB	-2.4198	193.34	2.2527	6461.53	-0.6249	94.33	1.5061	277.29	-0.0017	193.00
22	2202184-8 1000X	16.1743	6404.83	9.8427	8542.57	481.2813	10119.04	0.6783	136.68	0.1323	1193.38
23	2202184-11 10...	28.0629	10206.87	12.6576	9099.48	479.2998	9921.50	0.6579	130.01	0.1048	981.03
24	2202184-12 10...	26.1333	9596.51	13.6343	9249.72	393.8481	8191.96	0.8443	166.68	0.1256	1125.71
25	2202184-13 10...	39.7724	14226.59	15.4464	9679.84	355.9608	7489.66	0.7966	160.01	0.1904	1598.08
26	2202184-14 10...	35.6585	12852.09	15.9965	9689.88	342.6033	7212.74	0.6635	133.34	0.1798	1516.08
27	2202184-15 10...	17.7718	6648.28	22.4223	10930.75	141.5245	2927.71	0.8515	163.34	0.0689	691.02
28	2202184-16 10...	11.4066	4584.19	16.5885	9739.94	274.3240	5543.51	1.1585	220.01	0.0551	600.34
29	2202184-17 10...	47.8674	17089.42	14.6292	9553.22	347.7309	7395.13	0.4719	96.67	0.1813	1539.08
30	2202184-18 10...	12.0670	4920.95	13.5078	9069.47	157.4611	3306.12	0.9047	176.68	0.0703	709.69
31	2202184-19 10...	35.0560	12341.70	21.7794	10844.00	348.6240	7153.12	0.8222	160.01	0.1334	1154.04

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	512.8917	180982.80	4963.1147	1136805.06	5145.1843	112694.08	304.8334	62833.64	9.8860	76478.67
33	CCB	-2.4355	190.01	1.4346	6371.48	2.7116	160.64	0.0174	6.67	-0.0020	191.33

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0781	1610.11	0.0380	578.91	0.1416	5534.54	0.0045	118.89	0.0143	143.34
2	RINSE	0.0649	1493.43	0.0141	418.90	0.1527	5657.94	0.0022	82.22	0.0095	123.34
3	RINSE	0.0064	947.82	-0.0084	264.45	0.0029	4174.07	0.0006	56.67	-0.0043	64.45
4	BLANK	0.0000	875.59	0.0000	315.56	0.0000	4084.06	0.0000	47.78	0.0000	81.11
5	H/1000	0.4537	5190.88	0.2087	1777.90	5.5162	58743.18	0.0993	1522.31	0.4468	2022.38
6	H/100	4.5374	45488.17	1.8406	13642.48	47.9035	497552.02	1.0077	15937.89	4.7294	21467.52
7	H/10	47.7630	478491.04	18.7890	138626.11	488.7368	5128989.93	10.3819	171684.30	48.9695	225588.39
8	HIGH	500.2284	4637203.01	200.1227	1365695.92	5001.1468	48618120.94	99.9617	1669137.64	500.1058	2135055.19
9	RINSE	0.0555	1407.86	0.0367	571.13	0.6590	10563.15	0.0015	72.22	0.0131	138.89
10	BLANK	-0.0022	847.81	0.0001	312.23	0.2741	6562.33	0.0003	52.22	-0.0020	72.22
11	ICV	95.7181	930497.26	36.6385	262270.15	930.9700	9486816.94	20.4499	329738.77	93.2399	417146.37
12	ICB	-0.0066	817.81	-0.0081	262.23	0.0329	4397.54	-0.0002	44.44	-0.0051	60.00
13	LIV	0.9560	9738.54	0.4666	3499.31	10.2728	103746.93	0.5166	7797.52	1.9603	8423.37
14	ICSA	0.2112	2948.08	0.8538	6334.63	23045.6913	2.30599E+08	0.0544	923.37	0.0370	248.89
15	ICSAB	49.9064	486420.47	20.4061	146472.43	23936.3023	2.44211E+08	10.2096	169642.24	49.1906	220483.91
16	CCV	48.1803	496180.09	19.1089	144932.85	491.3973	5301451.59	10.1626	177535.22	49.3132	233531.90
17	CCB	0.0001	930.05	-0.0010	327.78	0.3456	7754.40	-0.0011	34.44	-0.0106	40.00
18	IP220214-2MB 5X	0.0121	1024.49	0.0113	406.68	0.3067	7251.76	-0.0008	37.78	-0.0006	82.22
19	2201396-5 5X	2.5289	26499.23	0.5103	4145.04	28.3332	304421.77	0.0314	585.58	1.0301	4877.47
20	CCV	48.3109	506835.43	19.1002	147590.83	492.2480	5410355.54	10.3104	180198.43	49.3297	237992.13
21	CCB	0.0015	938.93	-0.0018	321.12	0.0858	5164.42	-0.0003	45.56	-0.0049	64.45
22	2202184-8 1000X	0.0633	1614.55	38.3483	283294.78	452.5372	4761573.68	0.0305	553.35	0.1100	598.91
23	2202184-11 10...	0.1087	2053.49	49.9545	365973.38	582.9629	6083655.32	0.0327	585.58	0.1027	560.02
24	2202184-12 10...	0.3790	4679.59	50.1807	364899.86	471.5401	4884806.70	0.0410	714.47	0.1329	693.36
25	2202184-13 10...	0.1252	2207.96	63.9531	466663.16	569.8577	5923803.25	0.0466	806.70	0.1659	846.70
26	2202184-14 10...	0.1239	2170.18	61.9273	446707.60	548.4167	5636061.79	0.0451	780.03	0.1564	794.48
27	2202184-15 10...	0.0671	1588.99	2.8417	20512.96	427.0255	4323811.19	0.0282	491.13	0.0709	402.23
28	2202184-16 10...	0.1085	2003.48	1.4701	10852.61	473.4191	4826480.45	0.0121	242.23	0.0409	271.12
29	2202184-17 10...	0.1448	2415.79	67.8161	497524.27	625.8886	6541873.24	0.0540	931.15	0.1530	792.26
30	2202184-18 10...	0.1257	2169.07	4.7998	34638.73	562.3066	5728700.54	0.0254	452.24	0.0879	481.13
31	2202184-19 10...	0.1890	2778.04	8.7471	62743.05	479.0704	4873319.20	0.0738	1215.62	0.2004	982.27

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	48.1496	492017.08	19.0405	143301.85	492.1911	5268622.21	10.1118	173783.29	49.2216	231282.19
33	CCB	0.0099	1032.27	-0.0004	334.45	0.2216	6596.49	0.0007	61.11	-0.0004	85.56

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.1221	3491.53	0.7593	2533.65	0.0092	17.67	-0.0038	1.07	0.0182	176.68
2	RINSE	0.1179	3463.75	0.7758	2580.33	0.0046	13.00	0.0059	2.53	0.0113	130.00
3	RINSE	0.0063	2267.97	-0.0601	710.05	0.0003	7.67	-0.0029	1.20	-0.0037	30.00
4	BLANK	0.0000	2216.85	0.0000	846.73	0.0000	7.33	0.0000	1.60	0.0000	53.33
5	H/1000	1.0203	13162.12	8.0459	19262.07	0.1032	96.67	0.0795	13.87	0.1032	723.39
6	H/100	9.7678	110166.58	20.4548	49385.96	1.0769	990.03	0.9721	157.60	0.9535	6621.64
7	H/10	97.4559	1121375.47	200.9729	496514.72	10.7505	10157.86	10.0167	1637.82	10.0457	72578.25
8	HIGH	1000.2567	10316204.59	1999.8921	4429944.52	99.9242	97774.62	99.9986	15141.55	99.9959	729232.36
9	RINSE	0.0397	2715.82	0.7101	2490.32	0.0024	10.67	-0.0020	1.33	0.0207	193.34
10	BLANK	-0.0401	1840.14	-0.0413	770.06	0.0032	10.00	0.0056	2.40	0.0011	60.00
11	ICV	204.9343	2287468.73	391.9335	939503.63	20.3384	18710.76	19.1812	3044.56	19.5217	137492.22
12	ICB	-0.0511	1706.78	-0.1007	630.04	0.0040	10.67	0.0128	3.47	-0.0048	23.33
13	LIV	1.9025	22651.38	10.6368	25300.50	0.2070	187.33	1.0008	152.67	0.5310	3530.58
14	ICSA	-0.0645	1653.44	0.0999	1130.09	0.0199	26.67	0.0173	4.40	0.2912	2093.56
15	ICSAB	100.8959	1082031.03	206.4916	475482.90	10.5234	10299.27	10.2225	1625.95	10.4930	76164.76
16	CCV	98.7370	1154159.88	204.7197	513814.25	10.2603	10526.42	10.2713	1726.23	10.0178	76453.11
17	CCB	-0.0533	1779.01	-0.0991	670.05	-0.0006	7.33	0.0046	2.40	0.0047	90.00
18	IP220214-2MB 5X	-0.0510	1790.13	0.0317	966.73	0.0003	8.00	-0.0013	1.47	0.0039	83.34
19	2201396-5 5X	0.2854	5825.55	4.1332	11254.32	0.9090	951.36	0.5391	90.67	35.5983	261905.75
20	CCV	97.9502	1178006.03	201.8785	521310.17	10.7083	10782.59	10.2566	1756.10	10.1637	77604.53
21	CCB	-0.0492	1828.00	-0.0632	756.72	-0.0003	7.33	-0.0015	1.47	0.0045	86.67
22	2202184-8 1000X	2.2457	28287.92	74.0968	183750.90	21.6135	20278.61	0.0648	12.40	0.2562	1893.53
23	2202184-11 10...	2.4476	30554.23	67.2887	166658.14	25.4083	23460.18	0.0326	7.07	0.4015	2907.07
24	2202184-12 10...	2.3759	29360.80	71.1788	174059.23	21.2266	19649.51	0.0428	8.67	0.2741	1990.22
25	2202184-13 10...	3.5390	42478.41	74.9613	183060.03	21.3601	19975.91	0.0402	8.27	0.3544	2556.99
26	2202184-14 10...	3.2695	39456.40	74.4020	181781.56	21.1679	19786.66	0.0491	9.60	0.3376	2433.63
27	2202184-15 10...	1.4988	18956.67	9.3007	22983.66	15.2159	13681.09	0.0204	4.93	0.3867	2690.36
28	2202184-16 10...	8.9602	101993.29	50.2302	120818.86	23.7219	21205.45	0.0478	9.33	0.6605	4600.84
29	2202184-17 10...	3.7393	46014.53	79.6632	199954.93	19.9941	18889.62	0.0645	12.27	0.3404	2473.64
30	2202184-18 10...	11.4069	130798.54	53.9191	131241.07	19.8547	18191.49	0.0261	5.87	0.4796	3367.20
31	2202184-19 10...	3.3463	40114.75	61.7720	150274.73	7.1759	6547.67	0.0345	7.20	0.8813	6121.45

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	97.3341	1145034.16	201.6870	509383.00	10.6786	10547.10	10.4626	1744.76	10.2357	76865.15
33	CCB	-0.0753	1562.32	0.0889	1123.44	0.0015	9.00	0.0028	2.13	0.0065	100.01

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0032	53.33	0.0053	76.67	-0.0009	34.44	0.0043	15.99	1.1229	54291.55
2	RINSE	0.0023	40.00	0.0000	28.89	-0.0014	26.67	0.0020	8.67	1.1674	56131.34
3	RINSE	0.0010	16.67	0.0010	36.67	0.0010	64.44	0.0002	2.66	-0.0007	10517.35
4	BLANK	0.0000	3.33	0.0000	27.78	0.0000	47.78	0.0000	2.00	0.0000	10393.83
5	H/1000	0.0202	280.02	0.1023	928.93	0.0077	176.67	0.0283	96.57	0.5905	31442.78
6	H/100	0.2020	2923.74	1.0149	9530.73	0.0979	1719.01	0.2826	984.43	4.9200	188396.60
7	H/10	2.0523	30717.12	9.9918	98111.04	1.0115	17598.84	3.0553	10820.74	55.0485	2084711.79
8	HIGH	19.9947	310245.31	100.0007	991570.00	9.9989	160853.97	29.9946	98460.03	499.4959	18968755.97
9	RINSE	0.0030	50.00	0.0040	65.56	-0.0009	34.45	0.0012	5.99	1.3661	63382.37
10	BLANK	0.0008	13.33	0.0013	38.89	0.0013	67.78	0.0006	4.00	0.1146	14540.65
11	ICV	4.1535	60588.59	19.8954	190491.33	1.9484	32885.35	5.8452	20106.01	106.6747	3893800.88
12	ICB	0.0005	10.00	0.0048	70.00	-0.0009	33.33	0.0004	3.32	0.0393	11891.74
13	LIV	0.0488	676.71	0.2072	1873.47	0.0462	790.03	0.2045	671.17	1.0521	46216.07
14	ICSA	0.0020	33.33	207.4801	1970827.70	-0.0002	47.78	-0.0039	-11.11	0.0582	13900.05
15	ICSAB	2.0273	31442.16	214.3769	2114688.04	0.9934	16822.41	2.9555	10183.47	53.6019	2058881.22
16	CCV	2.0224	32874.86	9.7720	101356.80	0.9813	17554.37	2.9798	10848.43	52.8350	2090501.32
17	CCB	0.0018	30.00	0.0147	167.78	0.0003	56.67	0.0005	3.98	0.0305	12645.59
18	IP220214-2MB 5X	0.0012	20.00	0.0057	82.22	-0.0003	45.55	0.0000	1.99	0.1130	15408.24
19	2201396-5 5X	0.0069	116.67	1.2714	12745.24	0.0491	913.38	0.0462	167.41	0.1165	17236.82
20	CCV	2.0665	32971.70	9.9595	103359.26	0.9998	18220.66	3.0125	11171.80	54.0327	2163145.96
21	CCB	0.0000	3.33	0.0048	73.33	0.0007	62.22	-0.0004	0.66	0.0125	11801.65
22	2202184-8 1000X	0.0311	466.70	0.0414	434.46	0.3370	5914.50	0.5299	1883.42	0.3590	24710.39
23	2202184-11 10...	0.0360	530.03	0.0430	445.57	0.3188	5553.28	0.5320	1875.41	0.3497	24222.91
24	2202184-12 10...	0.0363	536.70	0.0332	348.90	0.3054	5282.07	0.5461	1910.77	0.2761	21739.27
25	2202184-13 10...	0.0539	803.40	0.0511	521.13	0.3587	6217.98	0.5886	2066.10	0.2958	22386.76
26	2202184-14 10...	0.0513	763.39	0.0549	555.57	0.3351	5745.56	0.5781	2006.76	0.3160	22984.37
27	2202184-15 10...	0.0285	410.02	0.0283	292.23	0.2602	4405.11	0.0501	173.31	0.3236	22890.92
28	2202184-16 10...	0.0167	240.01	0.0668	655.58	0.6268	10614.79	0.1416	489.28	0.6287	32925.78
29	2202184-17 10...	0.0558	840.06	0.0503	516.68	0.4231	7365.15	0.6730	2376.15	0.2972	22460.41
30	2202184-18 10...	0.0211	310.02	0.0765	747.81	0.6409	10847.21	0.2762	951.96	0.5284	30136.72
31	2202184-19 10...	0.0572	830.06	0.0349	356.68	0.2196	3744.94	0.4286	1473.38	0.3987	25605.07

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	2.0963	32811.22	9.8791	100823.38	0.9940	17643.31	3.0589	11049.31	53.6760	2085191.53
33	CCB	0.0019	30.00	0.0009	37.78	0.0003	56.67	0.0010	5.33	-0.0082	11081.10

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0067	85.56	0.0236	110.00	0.0008	50.00	0.0035	786.72	0.0005	126.68
2	RINSE	0.0077	92.22	0.0184	96.67	0.0007	46.67	0.0022	626.72	0.0000	40.00
3	RINSE	-0.0004	25.56	-0.0092	23.33	-0.0006	10.00	-0.0010	183.34	-0.0002	16.67
4	BLANK	0.0000	28.89	0.0000	46.67	0.0000	26.67	0.0000	313.36	0.0000	43.33
5	H/1000	0.0462	400.01	0.0714	243.35	0.0289	846.73	0.0287	4230.80	0.0295	4924.35
6	H/100	0.3247	2800.29	0.9419	2720.38	0.2932	8816.27	0.2939	42392.70	0.2864	49952.51
7	H/10	3.1135	27874.93	9.3237	26967.96	2.8610	90445.06	3.0006	446937.75	3.0014	544243.58
8	HIGH	29.9884	270889.20	100.0682	267849.64	30.0140	904856.81	34.4229	4679116.49	34.1856	5660920.13
9	RINSE	0.0079	95.56	0.0534	190.02	0.0003	36.67	0.0026	713.39	0.0003	93.34
10	BLANK	-0.0012	18.89	-0.0051	33.33	0.0010	53.33	-0.0007	233.35	0.0000	43.33
11	ICV	6.0473	52763.91	18.6873	52440.38	6.0772	188309.83	5.8651	859496.05	5.9713	1065772.25
12	ICB	0.0004	32.22	-0.0014	43.33	-0.0005	13.33	-0.0008	213.35	-0.0001	36.67
13	LIV	0.1151	963.38	0.4427	1230.10	0.0536	1573.48	0.0510	7388.76	0.0491	8319.34
14	ICSA	0.0171	180.00	-0.0011	46.67	0.0031	120.01	0.0012	523.37	0.0003	106.67
15	ICSAB	3.0840	27745.80	9.7653	27482.20	3.1202	93351.86	3.1017	439082.76	3.0869	532021.29
16	CCV	3.0308	28660.83	9.2853	27609.02	2.9584	94425.27	3.0077	455785.31	2.9876	551198.45
17	CCB	0.0071	92.23	0.0014	53.33	0.0000	26.67	0.0012	506.82	0.0001	60.00
18	IP220214-2MB 5X	-0.0014	18.89	-0.0156	6.67	0.0000	26.67	-0.0009	216.68	0.0000	43.33
19	2201396-5 5X	0.0302	308.90	6.9535	20314.36	0.0105	360.02	0.0161	2813.72	0.0020	416.70
20	CCV	3.0911	29250.69	9.3673	28370.06	3.0285	99100.59	2.9435	465227.82	2.9566	568798.98
21	CCB	0.0083	98.89	0.0015	53.33	0.0003	36.67	-0.0002	323.36	0.0001	73.34
22	2202184-8 1000X	0.1635	1483.43	0.3436	1046.76	0.0443	1396.80	0.0767	11935.16	0.0104	1953.56
23	2202184-11 10...	0.1463	1317.85	0.4049	1213.44	0.0524	1616.83	0.0982	14954.49	0.0112	2083.58
24	2202184-12 10...	0.1293	1161.18	0.3917	1166.77	0.0589	1816.86	0.1062	16022.32	0.0139	2537.00
25	2202184-13 10...	0.1272	1144.51	0.5254	1553.49	0.0892	2737.03	0.1522	22811.22	0.0181	3303.88
26	2202184-14 10...	0.1241	1113.39	0.5282	1543.47	0.0749	2303.62	0.1379	20704.64	0.0174	3173.83
27	2202184-15 10...	0.0821	723.36	0.6092	1746.85	0.0738	2226.94	0.1420	20648.11	0.0164	2910.42
28	2202184-16 10...	0.2636	2276.87	0.3638	1070.08	0.0317	980.08	0.0617	9299.93	0.0083	1523.49
29	2202184-17 10...	0.1144	1037.83	0.6800	2006.89	0.0842	2617.03	0.1505	22744.39	0.0186	3417.22
30	2202184-18 10...	0.4651	4006.13	0.1355	430.03	0.0321	993.41	0.0696	10544.09	0.0083	1526.82
31	2202184-19 10...	0.1342	1174.51	0.7509	2150.25	0.0954	2917.10	0.1708	25505.43	0.0197	3577.24

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	3.0733	28592.88	9.6959	28600.98	2.9961	95878.12	2.9537	451814.56	2.9471	548842.99
33	CCB	0.0150	155.56	0.0107	80.00	-0.0005	13.33	0.0002	376.69	0.0000	50.00

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0012	63.33	0.0158	400.01	0.0216	3860.41	0.1011	2013.51	0.0018	90.00
2	RINSE	0.0006	46.67	0.0141	355.72	0.0115	3500.33	0.0502	1000.05	0.0003	37.78
3	RINSE	0.0006	43.34	0.0045	113.34	0.0070	3300.30	0.0036	68.89	-0.0003	17.78
4	BLANK	0.0000	26.67	0.0054	132.38	0.0000	3003.60	0.0039	75.56	0.0000	27.78
5	H/1000	0.0302	930.07	0.0055	139.53	0.0548	5083.95	0.0165	337.79	0.0102	377.79
6	H/100	0.2827	8739.51	0.0257	691.45	0.5044	22477.81	0.1081	2309.29	0.0941	3437.14
7	H/10	2.9542	94477.60	0.2057	5826.89	5.0009	204270.68	0.9991	23579.24	0.9669	36940.41
8	HIGH	30.0048	916214.10	1.9994	54034.96	49.9999	1918522.24	9.9998	336052.23	10.0034	364247.22
9	RINSE	0.0023	93.34	0.0054	137.62	0.0019	3163.63	0.0416	847.82	-0.0004	15.56
10	BLANK	0.0000	26.67	0.0043	105.72	-0.0106	2643.55	0.0036	72.22	0.0001	30.00
11	ICV	5.9107	187745.31	0.3906	10850.67	9.6837	384578.12	1.8413	44512.72	1.9600	73370.95
12	ICB	-0.0003	20.00	0.0037	92.86	-0.0211	2313.53	0.0051	101.11	-0.0002	20.00
13	LIV	0.0476	1420.14	0.0119	306.43	0.1901	10108.51	0.0233	480.02	0.0111	415.57
14	ICSA	0.0010	60.00	0.0031	82.86	-0.0241	2333.53	0.0360	750.03	0.0003	38.89
15	ICSAB	3.0228	93594.74	0.2113	5665.40	5.1240	197993.28	1.3650	30739.38	0.9979	36078.32
16	CCV	2.9476	95640.25	0.2027	5798.31	5.0384	207758.19	1.0984	26501.08	0.9758	37638.83
17	CCB	0.0008	53.33	0.0035	92.86	-0.0221	2373.54	0.0044	91.11	-0.0001	26.67
18	IP220214-2MB 5X	0.0002	33.33	0.0032	81.91	-0.0263	2193.53	0.0033	68.89	-0.0006	8.89
19	2201396-5 5X	0.0071	260.02	0.0029	82.86	0.1834	10772.08	0.0070	156.67	1.3976	53130.71
20	CCV	2.9568	98887.41	0.2085	6113.68	5.0829	214853.04	1.0456	25880.91	0.9888	39099.40
21	CCB	-0.0004	16.67	0.0025	64.76	-0.0283	2143.51	0.0054	113.33	-0.0003	18.89
22	2202184-8 1000X	0.0406	1310.13	0.1892	5238.58	59.1679	2324474.90	0.0254	562.24	0.0178	693.37
23	2202184-11 10...	0.0451	1443.47	0.1512	4105.35	65.7986	2536002.87	0.0249	548.91	0.0167	640.03
24	2202184-12 10...	0.0537	1706.83	0.1521	4138.23	58.4103	2256267.64	0.0289	630.02	0.0162	624.47
25	2202184-13 10...	0.0772	2433.64	0.1706	4643.61	91.4355	3530422.18	0.0370	805.59	0.0210	802.26
26	2202184-14 10...	0.0669	2120.26	0.1739	4736.50	86.9612	3360145.55	0.0332	723.36	0.0213	814.48
27	2202184-15 10...	0.0654	2000.22	0.0789	2108.26	109.7879	4163178.07	0.0193	410.01	0.0068	276.67
28	2202184-16 10...	0.0289	916.74	0.0449	1208.15	242.1691	9237422.83	0.0143	304.45	0.0034	152.23
29	2202184-17 10...	0.0727	2320.30	0.1513	4165.85	93.2791	3644268.28	0.0361	807.81	0.0215	830.04
30	2202184-18 10...	0.0367	1166.77	0.0301	810.98	229.5006	8751708.41	0.2304	5063.22	0.0073	293.34
31	2202184-19 10...	0.0783	2453.65	0.0253	687.16	110.2845	4246927.62	0.0373	810.04	0.0159	611.13

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	CCV	2.8863	94896.78	0.2068	5932.18	5.1044	210970.00	1.0816	26241.47	0.9883	38213.64
33	CCB	0.0000	30.00	0.0026	69.53	-0.0201	2473.54	0.0038	80.00	-0.0004	16.67

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	6696784.27		3702313.28	100.0	279837.25	100.0	1791004.09	100.0	128520.00	100.0
2	RINSE	6691803.86		3665169.74	100.0	277588.38	100.0	1796415.24	100.0	128162.74	100.0
3	RINSE	6372368.86		3475932.55	100.0	268299.52	100.0	1565630.45	100.0	110941.13	100.0
4	BLANK	6230522.62		3422951.93	100.0	268144.75	100.0	1545716.28	100.0	110037.97	100.0
5	H/1000	6763778.65		3702600.05	108.2	273344.96	101.9	1643630.39	106.3	112894.90	102.6
6	H/100	7011588.23		3879274.01	113.3	290611.37	108.4	1711848.62	110.7	119064.79	108.2
7	H/10	7583063.01		4081507.96	119.2	304782.23	113.7	1792849.92	116.0	123319.53	112.1
8	HIGH	7703004.47		3973991.29	116.1	307868.37	114.8	1807145.65	116.9	127765.99	116.1
9	RINSE	6763203.44		3750889.32	109.6	280673.41	104.7	1789695.03	115.8	125858.10	114.4
10	BLANK	6500888.24		3569654.43	104.3	264850.43	98.8	1591569.04	103.0	109726.16	99.7
11	ICV	7361349.27		3952519.42	115.5	297278.38	110.9	1732969.14	112.1	120139.55	109.2
12	ICB	6506853.86		3569520.05	104.3	269495.70	100.5	1574384.20	101.9	110084.69	100.0
13	LIV	6756883.02		3649586.51	106.6	276554.83	103.1	1603772.22	103.8	113593.34	103.2
14	ICSA	7401377.60		3941549.73	115.2	294916.19	110.0	1748573.72	113.1	121908.43	110.8
15	ICSAB	7727550.30		4051784.00	118.4	306260.41	114.2	1818208.77	117.6	127706.57	116.1
16	CCV	7909346.97		4229732.12	123.6	321976.09	120.1	1872940.18	121.2	133867.88	121.7
17	CCB	7035920.31		3837944.63	112.1	290704.93	108.4	1715986.85	111.0	118266.16	107.5
18	IP220214-2MB 5X	6985658.44		3768158.38	110.1	286048.32	106.7	1692342.47	109.5	116304.63	105.7
19	2201396-5 5X	7681382.80		4107622.44	120.0	310609.93	115.8	1878105.28	121.5	135390.46	123.0
20	CCV	8018162.17		4287464.94	125.3	322119.99	120.1	1894322.42	122.6	131388.65	119.4
21	CCB	7000132.40		3805272.44	111.2	282302.47	105.3	1687820.60	109.2	114901.73	104.4
22	2202184-8 1000X	7258656.35		3918804.73	114.5	302508.13	112.8	1731994.30	112.1	122477.13	111.3
23	2202184-11 10...	7294689.69		3959311.71	115.7	299539.01	111.7	1721170.55	111.4	120555.11	109.6
24	2202184-12 10...	7341914.47		3926481.82	114.7	297524.24	111.0	1735115.44	112.3	120845.24	109.8
25	2202184-13 10...	7300913.44		3931756.92	114.9	297932.02	111.1	1730096.64	111.9	122136.81	111.0
26	2202184-14 10...	7381818.43		3966543.90	115.9	297045.43	110.8	1719899.04	111.3	122067.95	110.9
27	2202184-15 10...	7202084.89		3824393.80	111.7	287744.43	107.3	1692932.37	109.5	117351.36	106.6
28	2202184-16 10...	7159182.39		3845717.03	112.4	290700.94	108.4	1652026.33	106.9	116711.24	106.1
29	2202184-17 10...	7298439.68		3973699.94	116.1	299531.38	111.7	1731794.09	112.0	123322.85	112.1
30	2202184-18 10...	7142413.44		3879092.23	113.3	291281.24	108.6	1690408.67	109.4	119610.66	108.7
31	2202184-19 10...	7237727.81		3898209.42	113.9	290489.00	108.3	1695596.22	109.7	119014.05	108.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCV	7768464.47		4161439.62	121.6	316788.22	118.1	1838825.70	119.0	128871.89	117.1
33	CCB	7008685.94		3815999.00	111.5	282674.25	105.4	1690311.85	109.4	115754.35	105.2

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	10379265.68	100.0	2866759.64	100.0	10465144.97	100.0	1711794.48	100.0	2376535.07	100.0
2	RINSE	10309887.35	100.0	2874796.73	100.0	10381664.42	100.0	1715602.39	100.0	2386599.86	100.0
3	RINSE	9954694.43	100.0	2848369.75	100.0	10025131.36	100.0	1670032.51	100.0	2317237.00	100.0
4	BLANK	9695297.98	100.0	2804747.98	100.0	9701484.13	100.0	1669371.96	100.0	2287072.83	100.0
5	H/1000	10506143.18	108.4	2946917.46	105.1	10483473.60	108.1	1766150.90	105.8	2435684.60	106.5
6	H/100	10909465.67	112.5	3072195.68	109.5	10921448.54	112.6	1843034.34	110.4	2512526.00	109.9
7	H/10	11367141.50	117.2	3129920.27	111.6	11450020.53	118.0	1931302.47	115.7	2607980.48	114.0
8	HIGH	10777788.59	111.2	2901632.14	103.5	11134043.08	114.8	1825249.85	109.3	2491840.38	109.0
9	RINSE	10442830.68	107.7	2877107.35	102.6	10460278.53	107.8	1735055.07	103.9	2378991.84	104.0
10	BLANK	10017289.02	103.3	2774850.17	98.9	10037836.28	103.5	1693492.33	101.4	2345690.59	102.6
11	ICV	11024615.25	113.7	3040286.10	108.4	11151959.53	115.0	1860528.34	111.5	2590458.61	113.3
12	ICB	9993350.89	103.1	2807507.04	100.1	10082574.20	103.9	1695271.09	101.6	2321121.53	101.5
13	LIV	10405388.60	107.3	2892614.12	103.1	10468377.19	107.9	1754011.07	105.1	2383089.60	104.2
14	ICSA	10770188.17	111.1	2986764.85	106.5	11042256.07	113.8	1858240.07	111.3	2546655.38	111.3
15	ICSAB	11058611.92	114.1	3045424.85	108.6	11413015.91	117.6	1911456.06	114.5	2524524.23	110.4
16	CCV	11675248.58	120.4	3217432.87	114.7	11754365.72	121.2	1989938.17	119.2	2645647.77	115.7
17	CCB	10881006.09	112.2	2979215.58	106.2	10783908.22	111.2	1827388.60	109.5	2433225.53	106.4
18	IP220214-2MB 5X	10576629.42	109.1	2922467.45	104.2	10564676.42	108.9	1813202.94	108.6	2427183.19	106.1
19	2201396-5 5X	11500119.41	118.6	3159131.31	112.6	11648594.77	120.1	1964222.58	117.7	2630054.80	115.0
20	CCV	12074661.07	124.5	3277810.68	116.9	12103158.28	124.8	2028073.02	121.5	2726378.81	119.2
21	CCB	10707794.01	110.4	2961567.56	105.6	10715300.03	110.5	1798370.24	107.7	2452801.58	107.2
22	2202184-8 1000X	11072449.83	114.2	3137623.81	111.9	11133975.55	114.8	1922294.48	115.2	2569205.33	112.3
23	2202184-11 10...	11102058.58	114.5	3112675.58	111.0	11112040.29	114.5	1907474.87	114.3	2555231.52	111.7
24	2202184-12 10...	11175678.58	115.3	3089460.89	110.2	11135386.73	114.8	1905825.80	114.2	2551365.90	111.6
25	2202184-13 10...	11104041.50	114.5	3100794.12	110.6	11150000.17	114.9	1900795.42	113.9	2540608.92	111.1
26	2202184-14 10...	11264626.08	116.2	3065294.22	109.3	11315130.55	116.6	1878842.42	112.5	2547476.78	111.4
27	2202184-15 10...	10855984.42	112.0	3019361.62	107.7	10813543.12	111.5	1833770.88	109.8	2455018.87	107.3
28	2202184-16 10...	10823421.51	111.6	3040530.16	108.4	10853103.88	111.9	1856235.08	111.2	2504684.34	109.5
29	2202184-17 10...	11238750.25	115.9	3117699.53	111.2	11211203.30	115.6	1910930.55	114.5	2567153.35	112.2
30	2202184-18 10...	10872461.09	112.1	3038802.04	108.3	10874337.51	112.1	1876734.22	112.4	2523223.35	110.3
31	2202184-19 10...	11022051.92	113.7	3033732.46	108.2	10938779.70	112.8	1865748.61	111.8	2520988.66	110.2

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCV	11638824.00	120.0	3192405.16	113.8	11637230.89	120.0	1997956.29	119.7	2680984.34	117.2
33	CCB	10775941.09	111.1	3001922.77	107.0	10723830.96	110.5	1819279.03	109.0	2455764.18	107.4

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	420276.66	100.0	8060863.63	100.0	2453902.26	100.0
2	RINSE	420217.75	100.0	8096574.67	100.0	2465121.68	100.0
3	RINSE	415169.50	100.0	7756946.34	100.0	2418490.02	100.0
4	BLANK	408640.33	100.0	7675390.51	100.0	2435457.67	100.0
5	H/1000	422653.78	103.4	8209098.83	107.0	2535585.64	104.1
6	H/100	446011.45	109.1	8647090.08	112.7	2630263.19	108.0
7	H/10	470391.78	115.1	8997176.53	117.2	2737148.50	112.4
8	HIGH	448707.14	109.8	8216111.34	107.0	2458321.99	100.9
9	RINSE	421171.62	103.1	8465671.96	110.3	2521235.90	103.5
10	BLANK	410244.39	100.4	8125928.63	105.9	2480399.44	101.8
11	ICV	461141.91	112.8	8855001.53	115.4	2658299.13	109.1
12	ICB	417043.82	102.1	8060913.63	105.0	2450751.63	100.6
13	LIV	428859.15	104.9	8360428.83	108.9	2547976.47	104.6
14	ICSA	441099.47	107.9	8706536.95	113.4	2582343.71	106.0
15	ICSAB	445167.61	108.9	8549949.66	111.4	2551602.98	104.8
16	CCV	475026.71	116.2	9152839.24	119.2	2780668.81	114.2
17	CCB	434726.72	106.4	8496208.83	110.7	2589483.14	106.3
18	IP220214-2MB 5X	429842.32	105.2	8425997.79	109.8	2569431.84	105.5
19	2201396-5 5X	468242.44	114.6	9195247.57	119.8	2764121.83	113.5
20	CCV	486883.99	119.1	9545856.94	124.4	2860951.94	117.5
21	CCB	434443.86	106.3	8599989.66	112.0	2596711.84	106.6
22	2202184-8 1000X	459516.10	112.5	9112484.87	118.7	2738825.48	112.5
23	2202184-11 10...	450897.64	110.3	8986353.20	117.1	2733745.38	112.2
24	2202184-12 10...	451833.43	110.6	8914055.08	116.1	2699821.31	110.9
25	2202184-13 10...	451881.44	110.6	8915315.91	116.2	2697297.56	110.8
26	2202184-14 10...	452194.14	110.7	8919965.07	116.2	2697939.65	110.8
27	2202184-15 10...	443828.84	108.6	8641339.46	112.6	2634347.15	108.2
28	2202184-16 10...	446690.91	109.3	8762962.79	114.2	2649692.77	108.8
29	2202184-17 10...	457242.37	111.9	8988766.33	117.1	2772871.10	113.9
30	2202184-18 10...	446537.04	109.3	8840972.16	115.2	2682759.65	110.2
31	2202184-19 10...	450730.18	110.3	8898864.24	115.9	2684016.00	110.2

ISTD Table

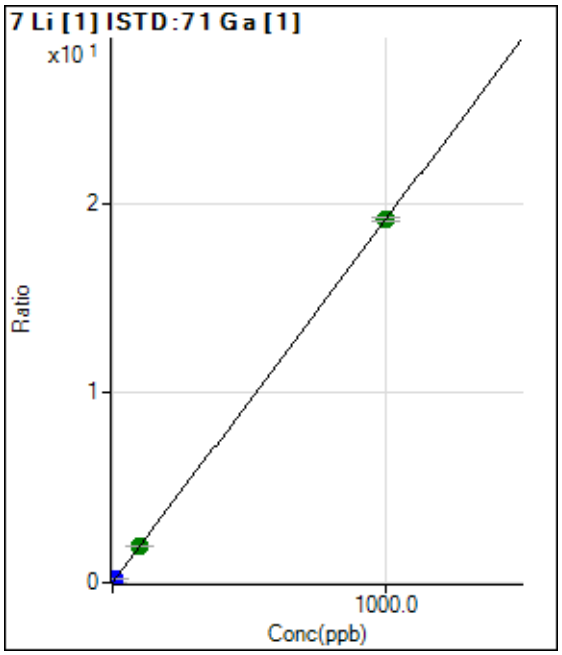
		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	CCV	476124.81	116.5	9238474.86	120.4	2798721.11	114.9
33	CCB	438880.16	107.4	8566658.83	111.6	2625962.98	107.8

Calibration for 008CALS.D

Batch Folder:	C:\ICPMH\1\DATA\22B23I00.B\
Analysis File:	22B23I00.batch.xml
DA Date-Time:	2/23/2022 13:41:56
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.D	BLANK	2/23/2022 11:24:04
2	005CALS.D	H/1000	2/23/2022 11:30:00
3	006CALS.D	H/100	2/23/2022 11:35:58
4	007CALS.D	H/10	2/23/2022 11:41:53
5	008CALS.D	HIGH	2/23/2022 11:47:45
6			

Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1548.75	0.0005	P	7.9
2	☐	1.0000	0.9473	68746.71	0.0186	P	1.4
3	☐	10.0000	9.3082	692199.81	0.1785	P	1.2
4	☐	100.0000	100.7027	7861800.83	1.9263	A	0.9
5	☐	1000.0000	999.9367	75995498.67	19.1229	A	1.0
6	☐	200.0000					

y = 0.0191 * x + 4.5310E-004

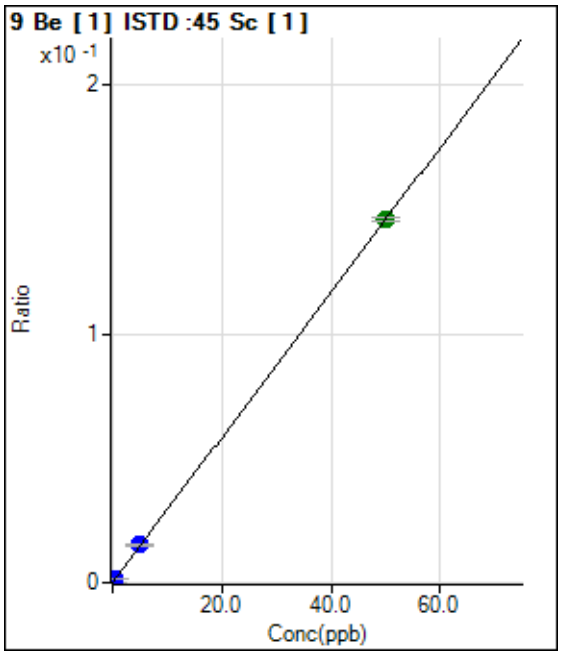
R = 1.0000

DL = 0.005604

BEC = 0.02369

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20.00	0.0000	P	3.5
2	☐	0.0500	0.0531	1070.71	0.0002	P	6.4
3	☐	0.5000	0.5098	10447.25	0.0015	P	4.1
4	☐	5.0000	5.1758	114531.20	0.0151	P	1.0
5	☐	50.0000	49.9823	1123275.29	0.1458	A	1.0
6	☐	10.0000					

y = 0.0029 * x + 3.2126E-006

R = 1.0000

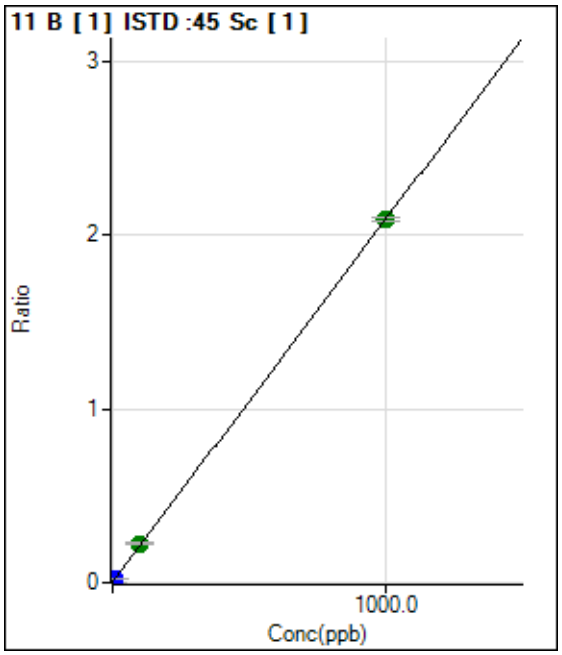
DL = 0.0001169

BEC = 0.001101

Weight: None

Min Conc: <None>

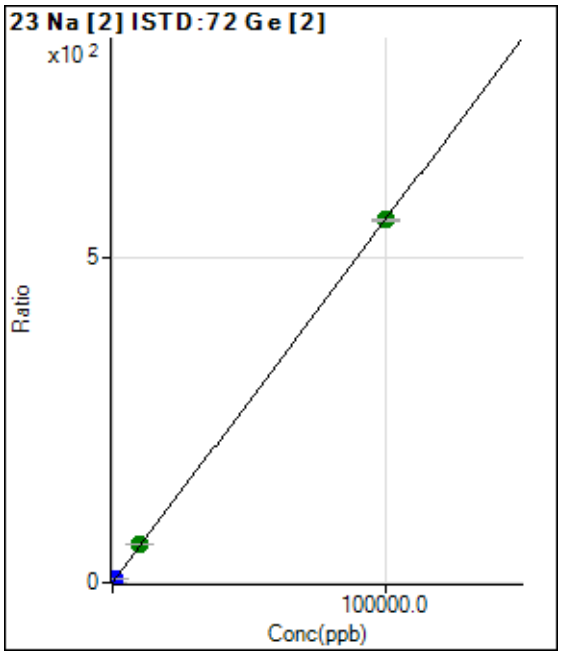
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	11427.35	0.0018	P	1.0
2	☐	1.0000	1.0257	26893.56	0.0040	P	2.5
3	☐	10.0000	10.4647	166053.84	0.0237	P	2.2
4	☐	100.0000	107.3163	1713045.24	0.2259	A	1.0
5	☐	1000.0000	999.2637	16085999.36	2.0881	A	1.2
6	☐	200.0000					

y = 0.0021 * x + 0.0018
R = 1.0000
DL = 0.02511
BEC = 0.8785

Weight: None
Min Conc: <None>

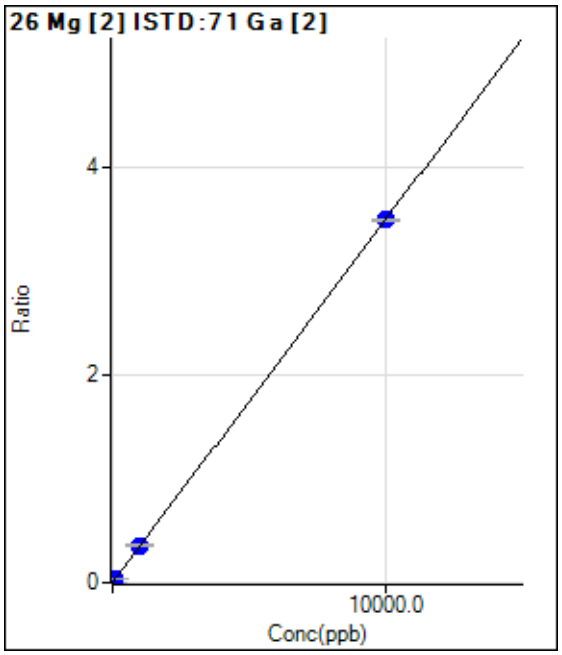


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10100.12	0.0918	P	2.2
2	☐	100.0000	102.2398	74919.15	0.6637	P	3.0
3	☐	1000.0000	1010.5757	683926.45	5.7446	P	2.0
4	☐	10000.0000	10602.6400	7323375.10	59.3994	A	1.8
5	☐	100000.0000	99939.6280	71435088.93	559.1201	A	0.4
6	☐	20000.0000					

y = 0.0056 * x + 0.0918
R = 1.0000
DL = 1.078
BEC = 16.41

Weight: None
Min Conc: <None>

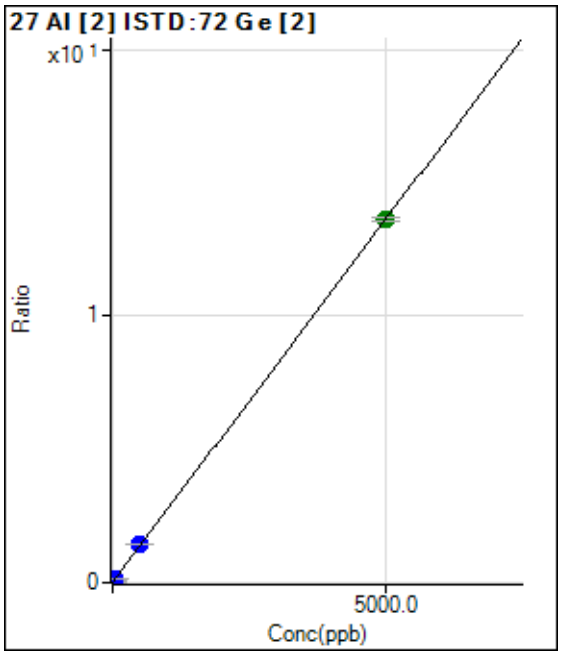
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	43.33	0.0002	P	34.3
2	☐	10.0000	10.6933	1066.75	0.0039	P	13.7
3	☐	100.0000	100.0768	10233.60	0.0352	P	2.6
4	☐	1000.0000	1027.3993	109713.17	0.3600	P	1.2
5	☐	10000.0000	9997.2586	1077929.49	3.5015	P	0.8
6	☐	2000.0000					

y = 3.5023E-004 * x + 1.6129E-004
R = 1.0000
DL = 0.4745
BEC = 0.4605

Weight: None
Min Conc: <None>

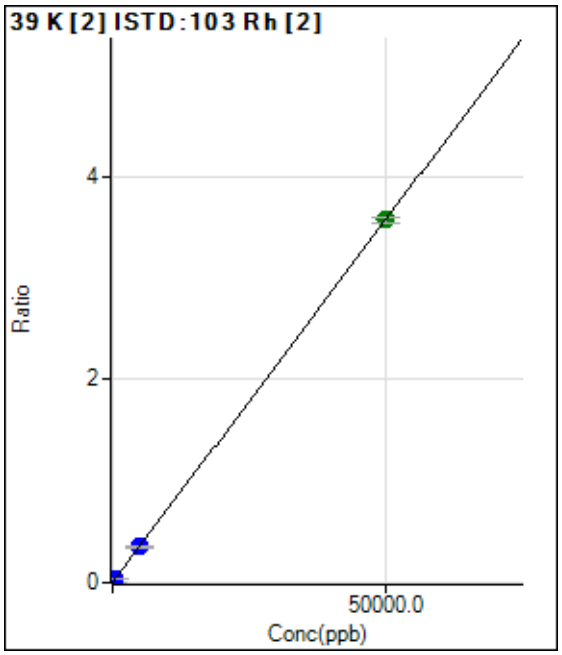


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	910.06	0.0083	P	3.4
2	☐	5.0000	33.9963	11380.99	0.1008	P	1.5
3	☐	50.0000	51.3868	17639.95	0.1481	P	2.7
4	☐	500.0000	525.2112	177258.08	1.4379	P	2.7
5	☐	5000.0000	4997.4360	1739013.98	13.6113	A	1.0
6	☐	1000.0000					

y = 0.0027 * x + 0.0083
R = 1.0000
DL = 0.3127
BEC = 3.038

Weight: None
Min Conc: <None>

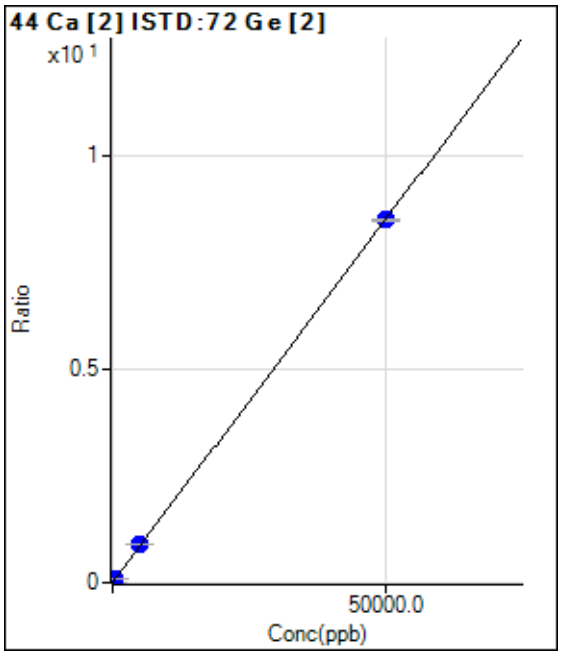
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5667.91	0.0020	P	4.5
2	☐	50.0000	51.3225	16742.41	0.0057	P	3.0
3	☐	500.0000	470.3177	109291.42	0.0356	P	1.0
4	☐	5000.0000	4883.1217	1096640.12	0.3504	P	1.0
5	☐	50000.0000	50011.9833	10357925.05	3.5699	A	1.4
6	☐	10000.0000					

y = 7.1341E-005 * x + 0.0020
R = 1.0000
DL = 3.802
BEC = 28.32

Weight: None
Min Conc: <None>

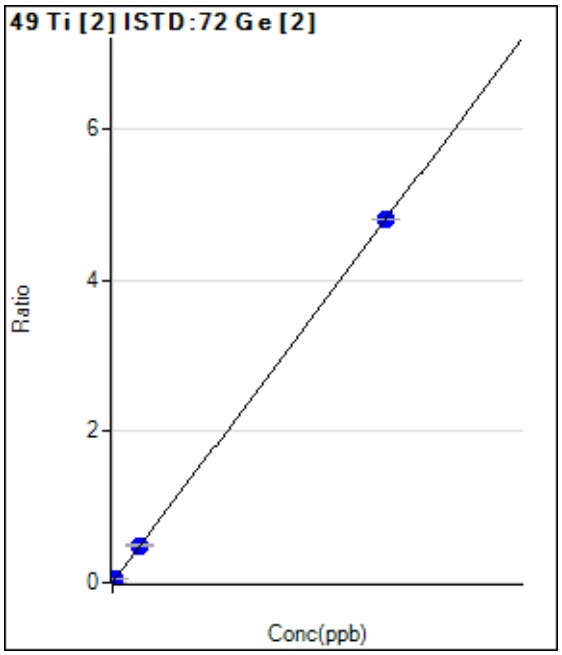


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	101.90	0.0009	P	11.5
2	☐	50.0000	63.7859	1327.23	0.0118	P	6.4
3	☐	500.0000	507.1618	10361.48	0.0870	P	4.2
4	☐	5000.0000	5270.8459	110453.72	0.8958	P	1.3
5	☐	50000.0000	49972.8300	1084118.21	8.4852	P	0.5
6	☐	10000.0000					

y = 1.6978E-004 * x + 9.2660E-004
R = 1.0000
DL = 1.878
BEC = 5.458

Weight: None
Min Conc: <None>

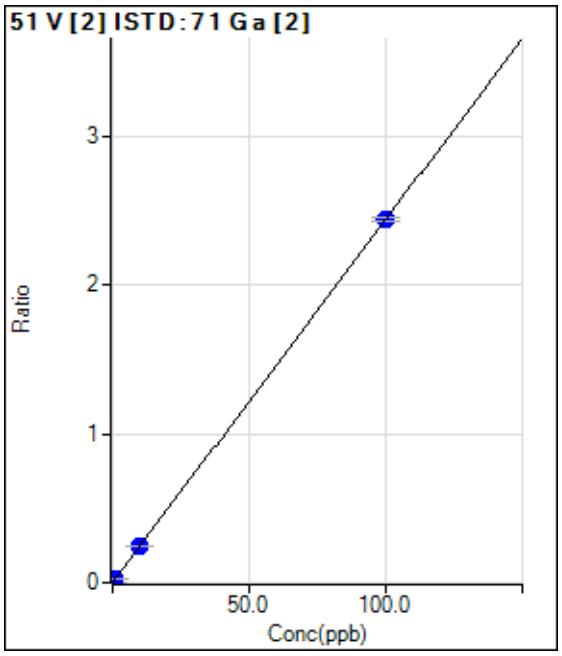
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3.33	0.0000	P	173.2
2	☐	3.0000	3.0459	553.37	0.0049	P	10.8
3	☐	30.0000	27.9444	5324.40	0.0447	P	10.8
4	☐	300.0000	308.7899	60866.54	0.4939	P	4.9
5	☐	3000.0000	2999.1415	612857.87	4.7967	P	0.1
6	☐	400.0000					

y = 0.0016 * x + 3.0074E-005
R = 1.0000
DL = 0.09771
BEC = 0.0188

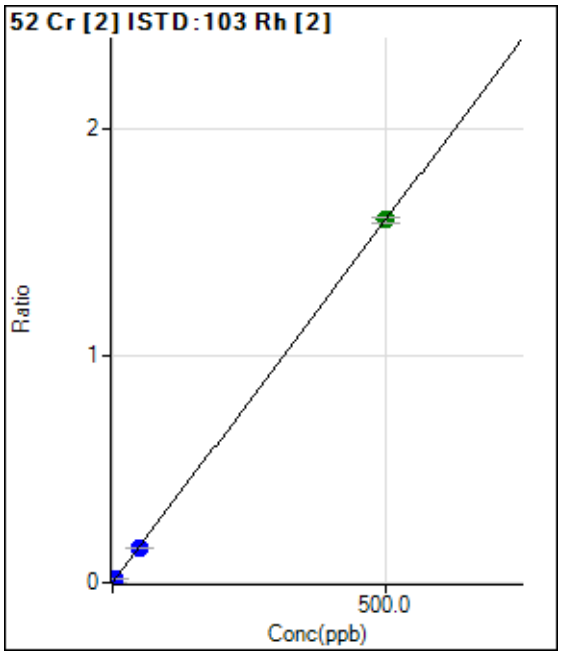
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	194.33	0.0007	P	11.0
2	☐	0.1000	0.1017	875.36	0.0032	P	4.3
3	☐	1.0000	0.9725	7092.21	0.0244	P	0.4
4	☐	10.0000	9.9994	74424.11	0.2442	P	1.3
5	☐	100.0000	100.0003	749790.88	2.4356	P	1.2
6	☐	20.0000					

y = 0.0243 * x + 7.2511E-004
R = 1.0000
DL = 0.009792
BEC = 0.02978

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	875.59	0.0003	P	15.3
2	☐	0.5000	0.4537	5190.88	0.0018	P	2.6
3	☐	5.0000	4.5374	45488.17	0.0148	P	2.4
4	☐	50.0000	47.7630	478491.04	0.1529	P	1.3
5	☐	500.0000	500.2284	4637203.01	1.5982	A	1.8
6	☐	100.0000					

y = 0.0032 * x + 3.1223E-004

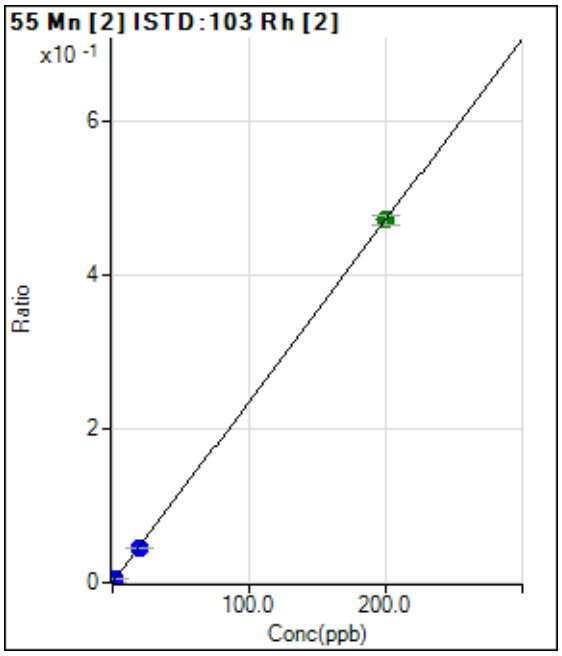
R = 1.0000

DL = 0.04487

BEC = 0.09774

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	315.56	0.0001	P	5.3
2	☐	0.2000	0.2087	1777.90	0.0006	P	2.3
3	☐	2.0000	1.8406	13642.48	0.0044	P	0.7
4	☐	20.0000	18.7890	138626.11	0.0443	P	2.3
5	☐	200.0000	200.1227	1365695.92	0.4707	A	2.4
6	☐	40.0000					

y = 0.0024 * x + 1.1249E-004

R = 1.0000

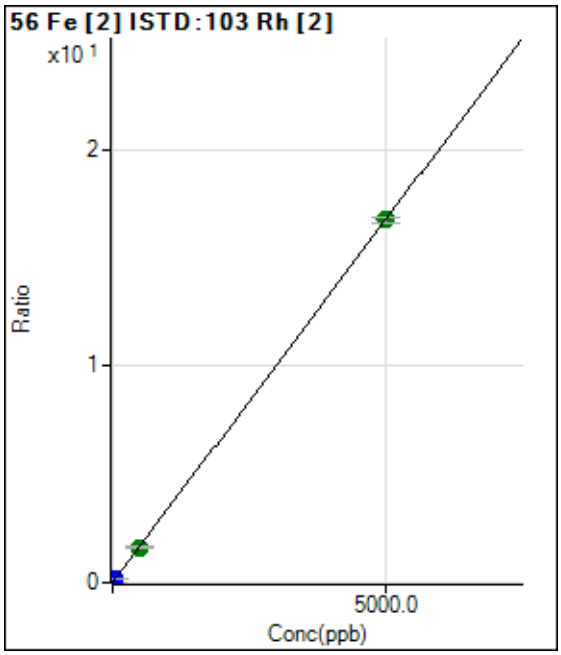
DL = 0.007542

BEC = 0.04784

Weight: None

Min Conc: <None>

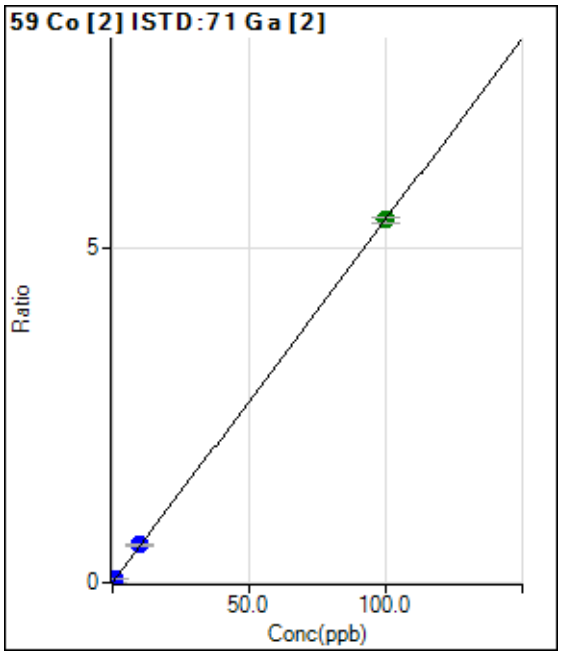
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	4084.06	0.0015	P	4.6
2	☐	5.0000	5.5162	58743.18	0.0199	P	2.4
3	☐	50.0000	47.9035	497552.02	0.1619	P	1.8
4	☐	500.0000	488.7368	5128989.93	1.6389	A	2.0
5	☐	5000.0000	5001.1468	48618120.94	16.7566	A	1.7
6	☐	1000.0000					

y = 0.0034 * x + 0.0015
R = 1.0000
DL = 0.05934
BEC = 0.4347

Weight: None
Min Conc: <None>

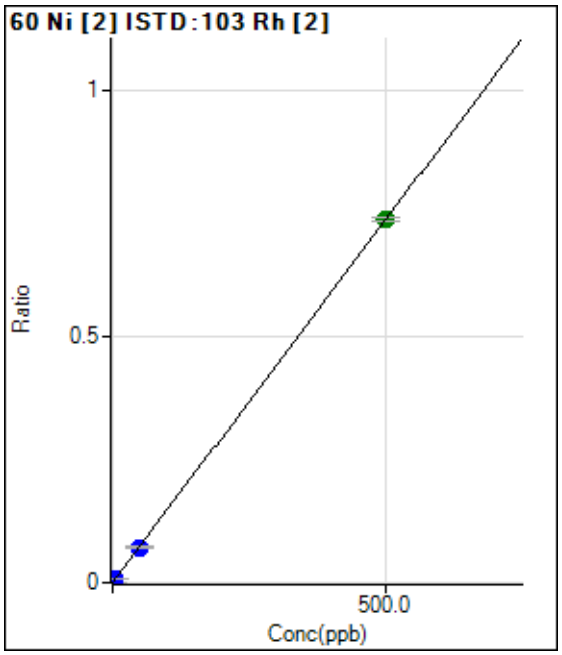


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	47.78	0.0002	P	4.6
2	☐	0.1000	0.0993	1522.31	0.0056	P	6.6
3	☐	1.0000	1.0077	15937.89	0.0548	P	2.3
4	☐	10.0000	10.3819	171684.30	0.5633	P	1.3
5	☐	100.0000	99.9617	1669137.64	5.4224	A	1.9
6	☐	20.0000					

y = 0.0542 * x + 1.7822E-004
R = 1.0000
DL = 0.0004562
BEC = 0.003286

Weight: None
Min Conc: <None>

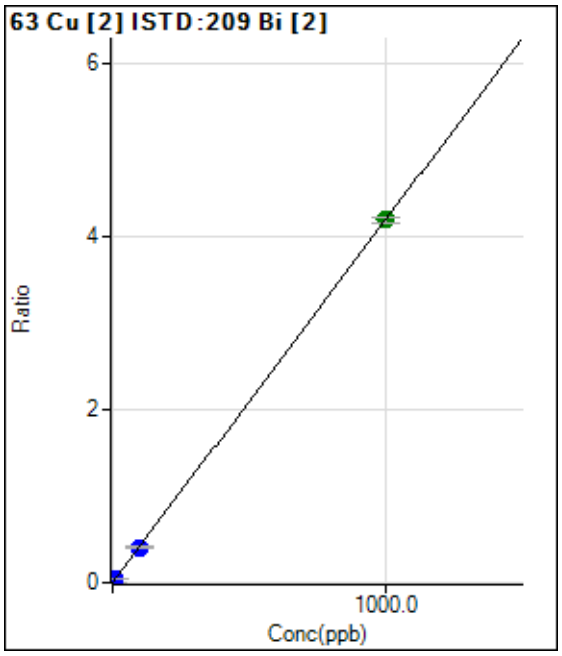
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	81.11	0.0000	P	35.3
2	☐	0.5000	0.4468	2022.38	0.0007	P	3.2
3	☐	5.0000	4.7294	21467.52	0.0070	P	1.5
4	☐	50.0000	48.9695	225588.39	0.0721	P	1.0
5	☐	500.0000	500.1058	2135055.19	0.7358	A	0.9
6	☐	100.0000					

y = 0.0015 * x + 2.8952E-005
R = 1.0000
DL = 0.02087
BEC = 0.01968

Weight: None
Min Conc: <None>

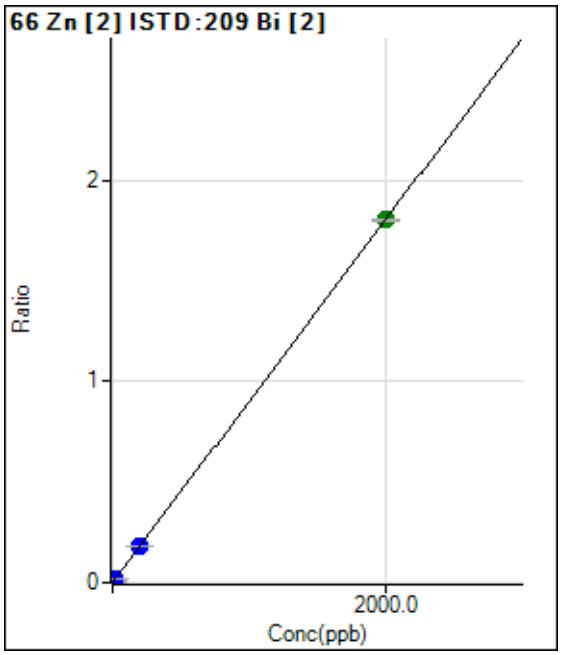


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2216.85	0.0009	P	5.9
2	☐	1.0000	1.0203	13162.12	0.0052	P	4.3
3	☐	10.0000	9.7678	110166.58	0.0419	P	1.3
4	☐	100.0000	97.4559	1121375.47	0.4097	P	1.2
5	☐	1000.0000	1000.2567	10316204.59	4.1965	A	1.6
6	☐	200.0000					

y = 0.0042 * x + 9.1057E-004
R = 1.0000
DL = 0.03859
BEC = 0.2171

Weight: None
Min Conc: <None>

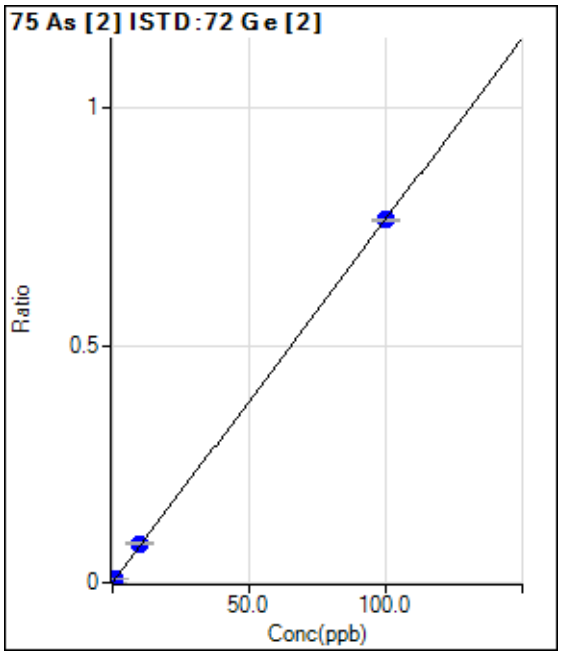
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	846.73	0.0003	P	2.0
2	☐	2.0000	8.0459	19262.07	0.0076	P	2.5
3	☐	20.0000	20.4548	49385.96	0.0188	P	1.5
4	☐	200.0000	200.9729	496514.72	0.1814	P	1.0
5	☐	2000.0000	1999.8921	4429944.52	1.8021	A	0.6
6	☐	400.0000					

y = 9.0090E-004 * x + 3.4766E-004
R = 1.0000
DL = 0.0237
BEC = 0.3859

Weight: None
Min Conc: <None>

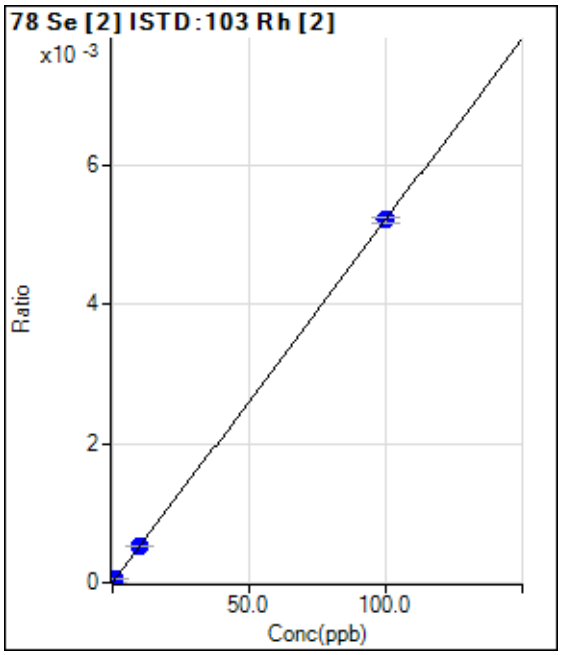


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7.33	0.0001	P	54.1
2	☐	0.1000	0.1032	96.67	0.0009	P	7.3
3	☐	1.0000	1.0769	990.03	0.0083	P	5.6
4	☐	10.0000	10.7505	10157.86	0.0824	P	1.9
5	☐	100.0000	99.9242	97774.62	0.7653	P	0.3
6	☐	20.0000					

y = 0.0077 * x + 6.6440E-005
R = 1.0000
DL = 0.01409
BEC = 0.008676

Weight: None
Min Conc: <None>

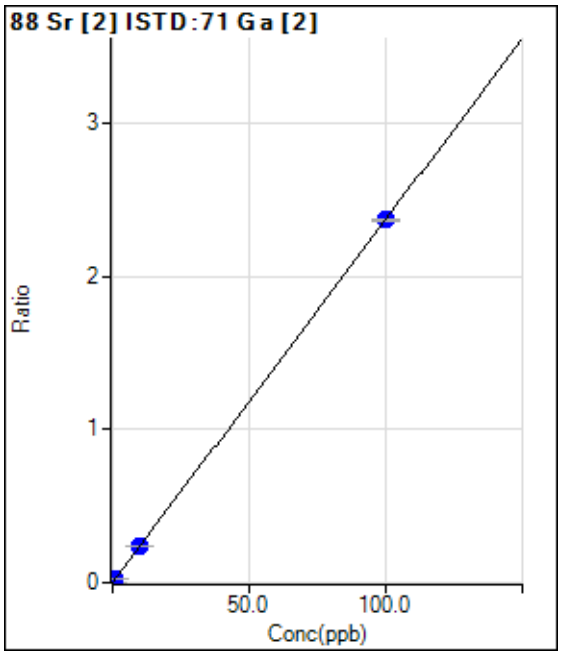
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.60	0.0000	P	114.9
2	☐	0.1000	0.0795	13.87	0.0000	P	40.5
3	☐	1.0000	0.9721	157.60	0.0001	P	5.3
4	☐	10.0000	10.0167	1637.82	0.0005	P	2.6
5	☐	100.0000	99.9986	15141.55	0.0052	P	1.6
6	☐	20.0000					

y = 5.2182E-005 * x + 5.7080E-007
R = 1.0000
DL = 0.03771
BEC = 0.01094

Weight: None
Min Conc: <None>

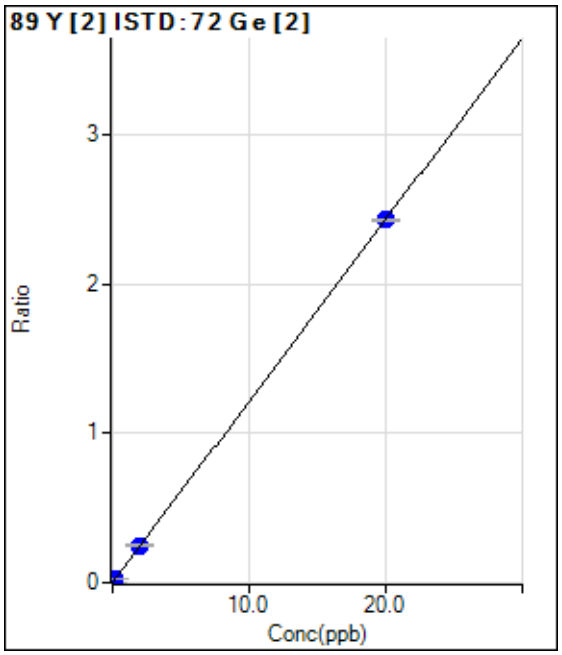


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0002	P	39.6
2	☐	0.1000	0.1032	723.39	0.0026	P	9.2
3	☐	1.0000	0.9535	6621.64	0.0228	P	2.2
4	☐	10.0000	10.0457	72578.25	0.2381	P	2.2
5	☐	100.0000	99.9959	729232.36	2.3688	P	0.9
6	☐	20.0000					

y = 0.0237 * x + 1.9932E-004
R = 1.0000
DL = 0.009989
BEC = 0.008415

Weight: None
Min Conc: <None>

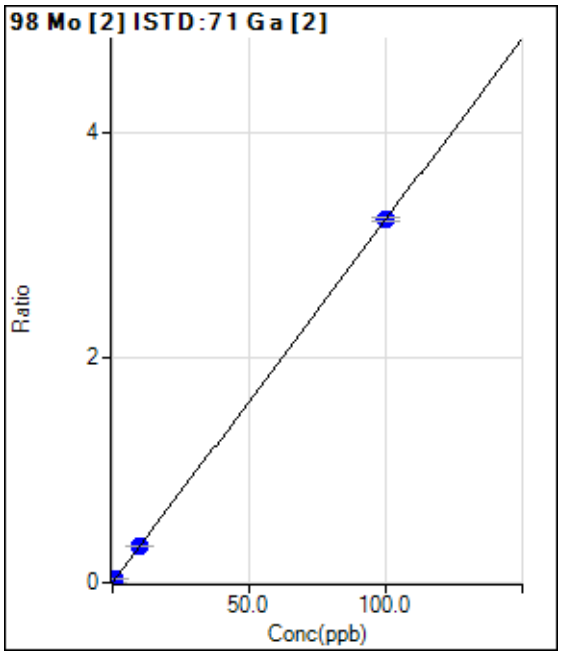
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3.33	0.0000	P	173.2
2	☐	0.0200	0.0202	280.02	0.0025	P	15.0
3	☐	0.2000	0.2020	2923.74	0.0246	P	7.0
4	☐	2.0000	2.0523	30717.12	0.2493	P	5.1
5	☐	20.0000	19.9947	310245.31	2.4281	P	0.6
6	☐	6.0000					

y = 0.1214 * x + 2.9992E-005
R = 1.0000
DL = 0.001283
BEC = 0.000247

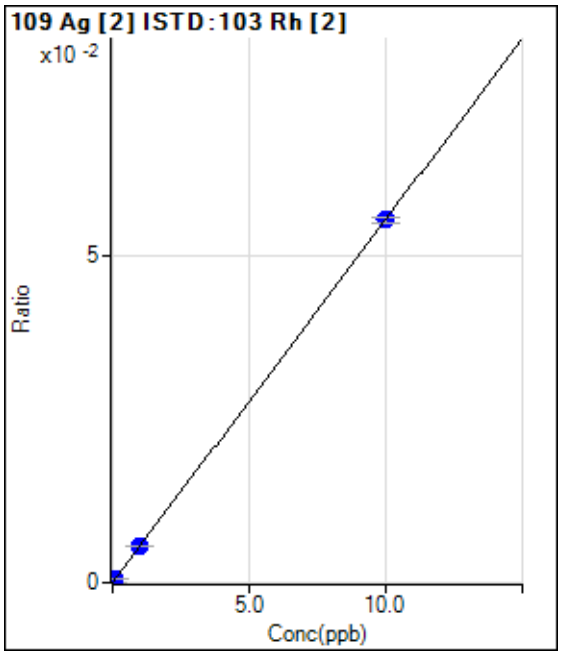
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	27.78	0.0001	P	42.6
2	☐	0.1000	0.1023	928.93	0.0034	P	4.5
3	☐	1.0000	1.0149	9530.73	0.0328	P	2.0
4	☐	10.0000	9.9918	98111.04	0.3219	P	2.0
5	☐	100.0000	100.0007	991570.00	3.2211	P	1.2
6	☐	20.0000					

y = 0.0322 * x + 1.0379E-004
R = 1.0000
DL = 0.004117
BEC = 0.003222

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	47.78	0.0000	P	29.4
2	☐	0.0100	0.0077	176.67	0.0001	P	7.5
3	☐	0.1000	0.0979	1719.01	0.0006	P	1.5
4	☐	1.0000	1.0115	17598.84	0.0056	P	2.3
5	☐	10.0000	9.9989	160853.97	0.0554	P	1.5
6	☐	2.0000					

y = 0.0055 * x + 1.7048E-005

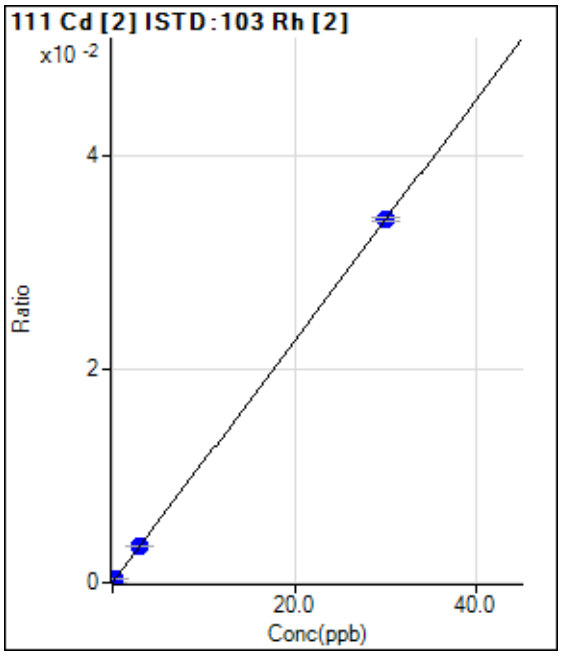
R = 1.0000

DL = 0.002715

BEC = 0.003076

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	2.00	0.0000	P	100.0
2	☐	0.0300	0.0283	96.57	0.0000	P	10.7
3	☐	0.3000	0.2826	984.43	0.0003	P	5.5
4	☐	3.0000	3.0553	10820.74	0.0035	P	0.7
5	☐	30.0000	29.9946	98460.03	0.0339	P	1.1
6	☐	6.0000					

y = 0.0011 * x + 7.1526E-007

R = 1.0000

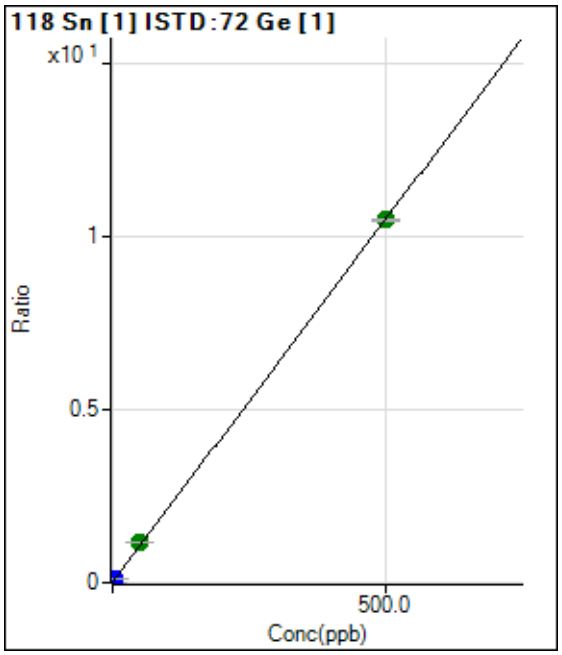
DL = 0.001896

BEC = 0.0006322

Weight: None

Min Conc: <None>

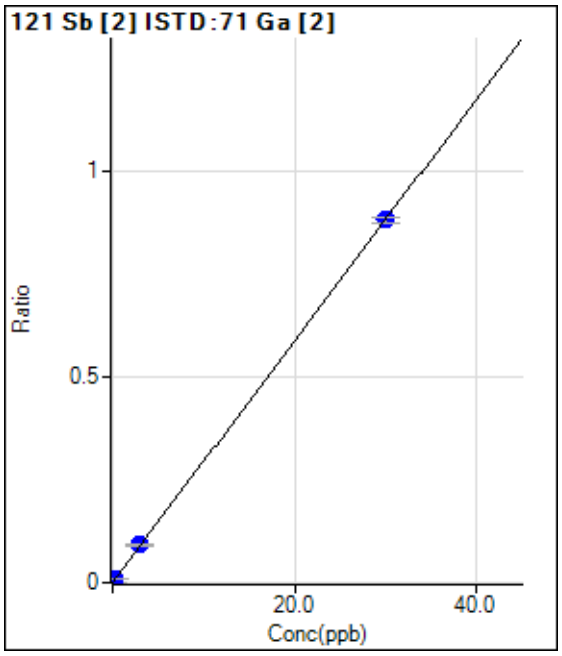
Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10393.83	0.0067	P	5.0
2	☐	0.5000	0.5905	31442.78	0.0191	P	0.6
3	☐	5.0000	4.9200	188396.60	0.1101	P	0.4
4	☐	50.0000	55.0485	2084711.79	1.1628	A	1.3
5	☐	500.0000	499.4959	18968755.97	10.4965	A	0.2
6	☐	100.0000					

y = 0.0210 * x + 0.0067
R = 0.9999
DL = 0.04778
BEC = 0.3205

Weight: None
Min Conc: <None>

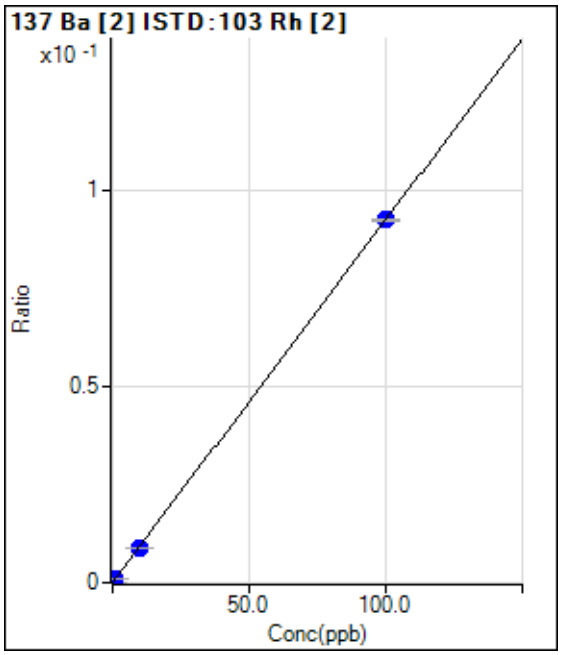


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	28.89	0.0001	P	29.0
2	☐	0.0300	0.0462	400.01	0.0015	P	1.9
3	☐	0.3000	0.3247	2800.29	0.0096	P	2.6
4	☐	3.0000	3.1135	27874.93	0.0915	P	1.2
5	☐	30.0000	29.9884	270889.20	0.8800	P	1.8
6	☐	6.0000					

y = 0.0293 * x + 1.0770E-004
R = 1.0000
DL = 0.003191
BEC = 0.00367

Weight: None
Min Conc: <None>

Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	46.67	0.0000	P	12.9
2	☐	0.1000	0.0714	243.35	0.0001	P	19.4
3	☐	1.0000	0.9419	2720.38	0.0009	P	4.3
4	☐	10.0000	9.3237	26967.96	0.0086	P	0.8
5	☐	100.0000	100.0682	267849.64	0.0923	P	0.5
6	☐	20.0000					

y = 9.2233E-004 * x + 1.6646E-005

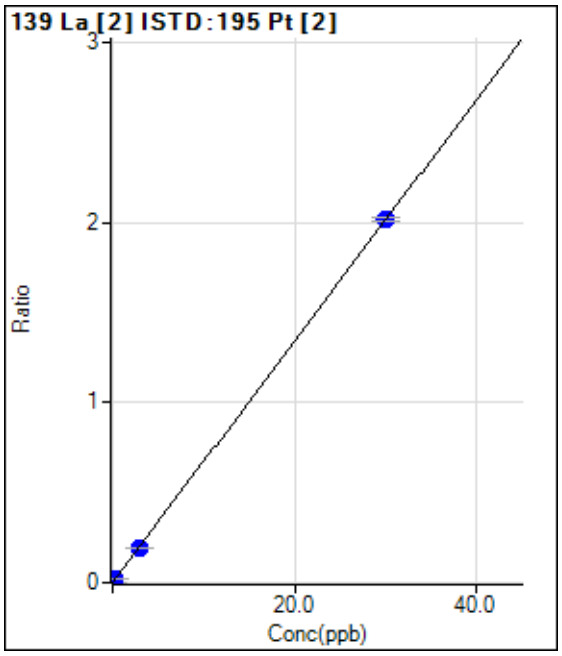
R = 1.0000

DL = 0.006969

BEC = 0.01805

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	26.67	0.0001	P	113.5
2	☐	0.0300	0.0289	846.73	0.0020	P	1.9
3	☐	0.3000	0.2932	8816.27	0.0198	P	3.9
4	☐	3.0000	2.8610	90445.06	0.1923	P	1.7
5	☐	30.0000	30.0140	904856.81	2.0167	P	1.2
6	☐	6.0000					

y = 0.0672 * x + 6.4671E-005

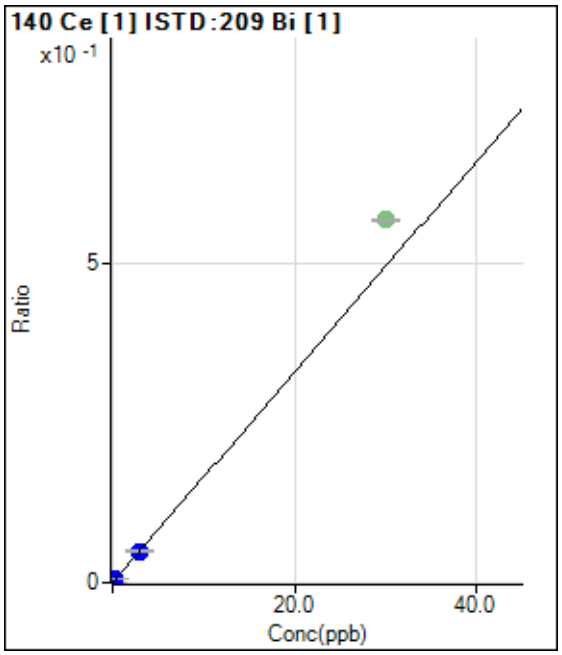
R = 1.0000

DL = 0.003276

BEC = 0.0009625

Weight: None

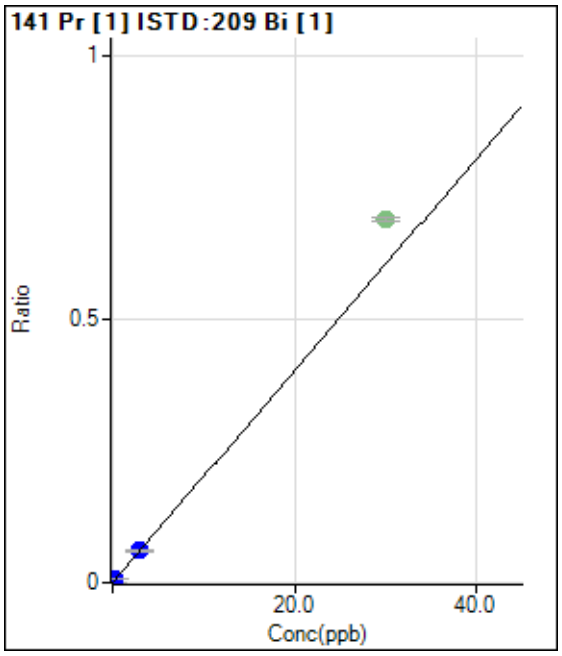
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	313.36	0.0000	P	39.8
2	☐	0.0300	0.0287	4230.80	0.0005	P	2.6
3	☐	0.3000	0.2939	42392.70	0.0049	P	0.4
4	☐	3.0000	3.0006	446937.75	0.0497	P	1.4
5	☑	30.0000		4679116.49	0.5695	A	0.7
6	☐	6.0000					

y = 0.0165 * x + 4.0428E-005
R = 1.0000
DL = 0.002919
BEC = 0.002444

Weight: None
Min Conc: <None>

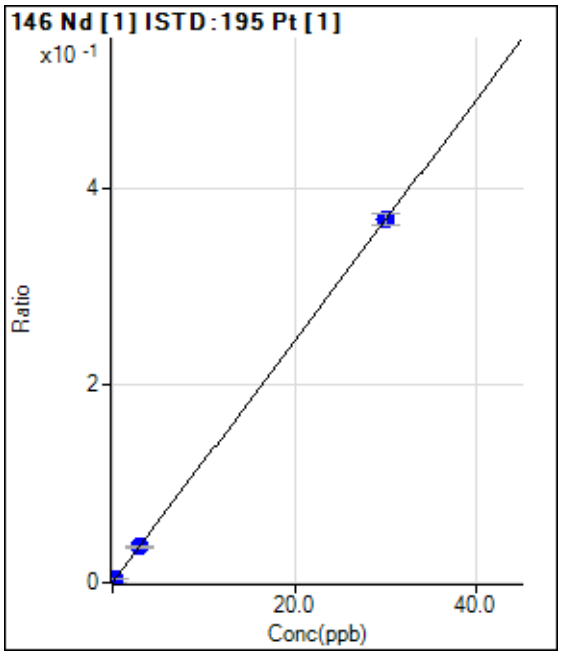


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	43.33	0.0000	P	70.3
2	☐	0.0300	0.0295	4924.35	0.0006	P	4.0
3	☐	0.3000	0.2864	49952.51	0.0058	P	3.2
4	☐	3.0000	3.0014	544243.58	0.0605	P	1.7
5	☑	30.0000		5660920.13	0.6891	A	1.1
6	☐	6.0000					

y = 0.0202 * x + 5.5825E-006
R = 1.0000
DL = 0.0005842
BEC = 0.000277

Weight: None
Min Conc: <None>

Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	26.67	0.0000	P	93.0
2	☐	0.0300	0.0302	930.07	0.0004	P	14.6
3	☐	0.3000	0.2827	8739.51	0.0035	P	3.5
4	☐	3.0000	2.9542	94477.60	0.0362	P	1.5
5	☐	30.0000	30.0048	916214.10	0.3679	P	3.0
6	☐	6.0000					

y = 0.0123 * x + 1.1811E-005

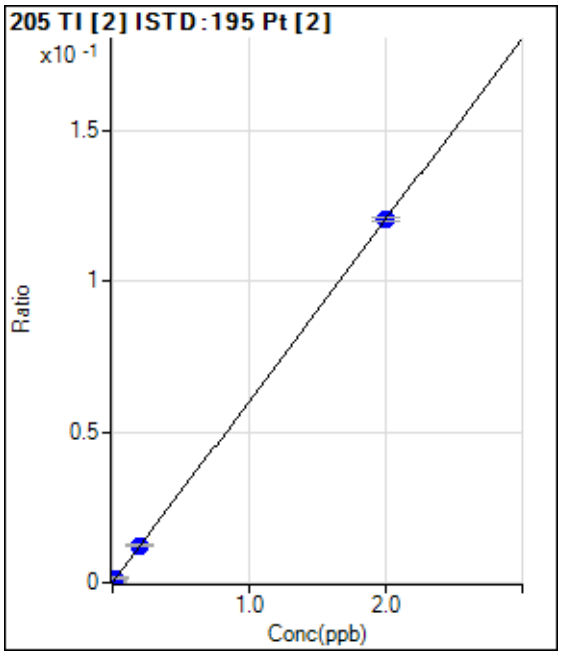
R = 1.0000

DL = 0.002688

BEC = 0.0009634

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☑	0.0000		132.38	0.0003	P	13.3
2	☐	0.0020	0.0055	139.53	0.0003	P	2.8
3	☐	0.0200	0.0257	691.45	0.0016	P	6.3
4	☐	0.2000	0.2057	5826.89	0.0124	P	3.5
5	☐	2.0000	1.9994	54034.96	0.1204	P	0.9
6	☐	0.4000					

y = 0.0602 * x + 0.0000E+000

R = 1.0000

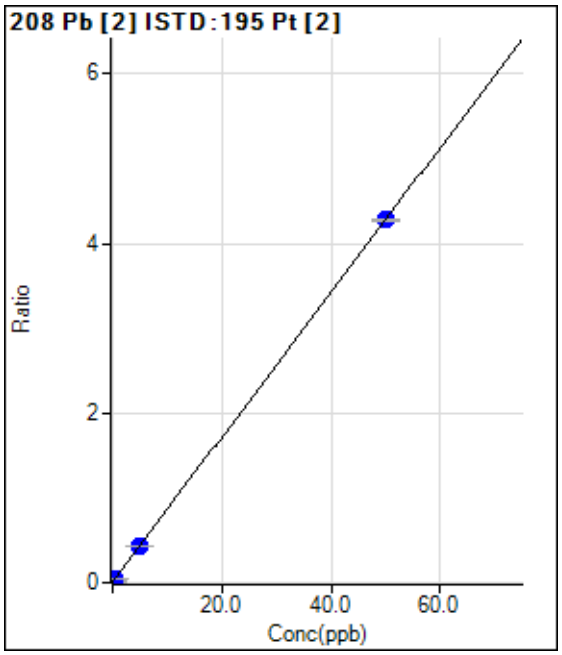
DL = 0

BEC = 0

Weight: None

Min Conc: <None>

Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	3003.60	0.0073	P	4.8
2	☐	0.0500	0.0548	5083.95	0.0120	P	5.5
3	☐	0.5000	0.5044	22477.81	0.0504	P	2.9
4	☐	5.0000	5.0009	204270.68	0.4343	P	0.5
5	☐	50.0000	49.9999	1918522.24	4.2757	P	0.5
6	☐	10.0000					

y = 0.0854 * x + 0.0073

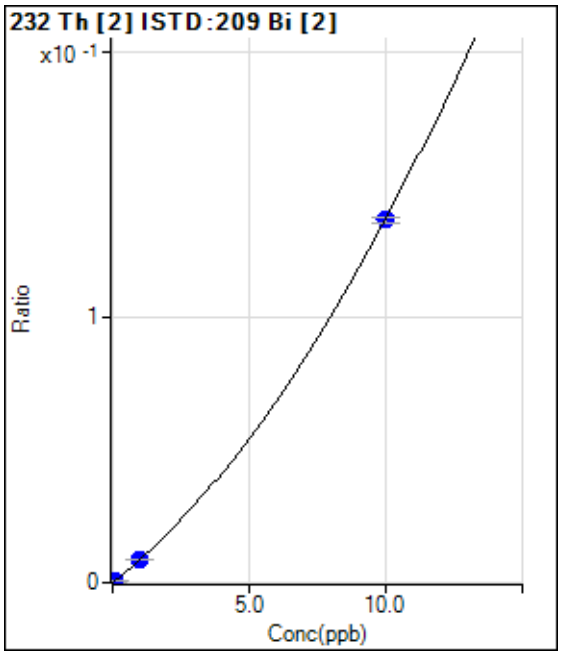
R = 1.0000

DL = 0.01246

BEC = 0.08607

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0039	75.56	0.0000	P	36.3
2	☐	0.0100	0.0165	337.79	0.0001	P	6.2
3	☐	0.1000	0.1081	2309.29	0.0009	P	7.9
4	☐	1.0000	0.9991	23579.24	0.0086	P	3.3
5	☐	10.0000	10.0000	336052.23	0.1367	P	1.4
6	☐	2.0000					

y = 5.6092E-004 * x ^ 2 + 0.0081 * x

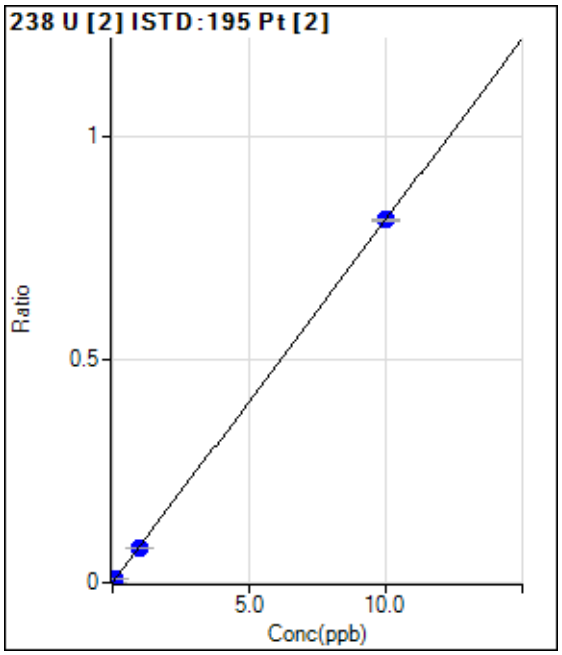
DL = 0.004202

BEC = 0

Weight: None

Min Conc: <None>

Calibration for 008CALS.D



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	27.78	0.0001	P	48.4
2	☐	0.0100	0.0102	377.79	0.0009	P	2.9
3	☐	0.1000	0.0941	3437.14	0.0077	P	2.1
4	☐	1.0000	0.9669	36940.41	0.0785	P	2.3
5	☐	10.0000	10.0034	364247.22	0.8118	P	0.5
6	☐	2.0000					

y = 0.0811 * x + 6.7832E-005

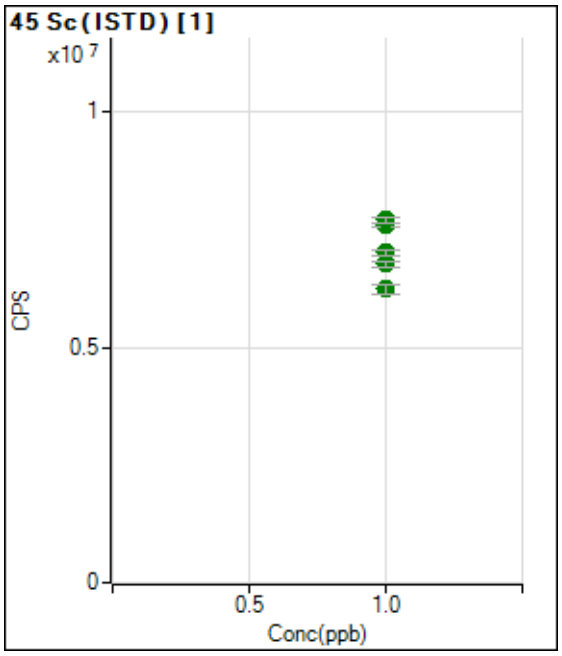
R = 1.0000

DL = 0.001213

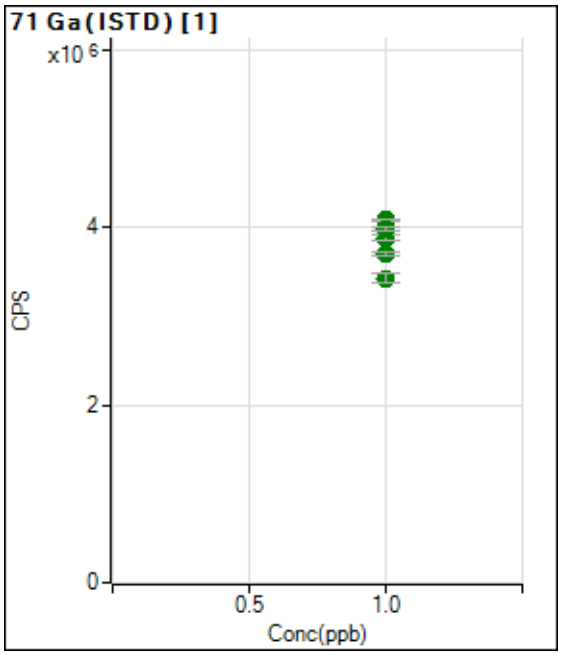
BEC = 0.000836

Weight: None

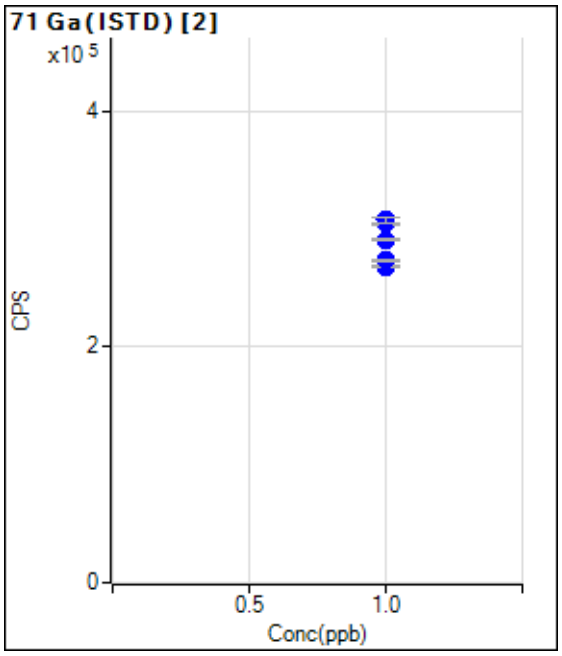
Min Conc: <None>



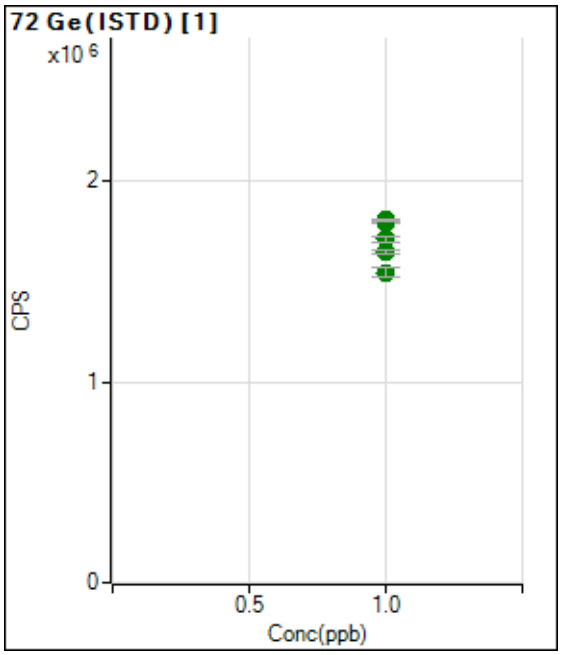
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		6230522.62		A	3.5
2	☐	1.0000		6763778.65		A	1.5
3	☐	1.0000		7011588.23		A	1.5
4	☐	1.0000		7583063.01		A	1.0
5	☐	1.0000		7703004.47		A	1.3
6	☐	1.0000					



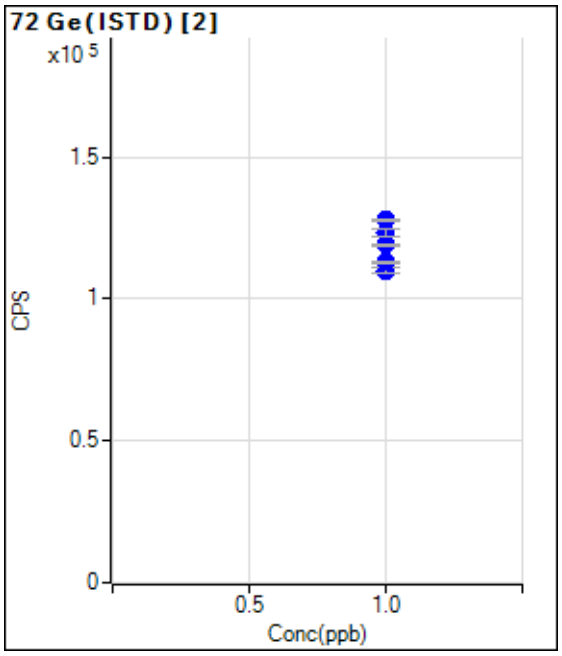
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3422951.93		A	3.1
2	☐	1.0000		3702600.05		A	1.4
3	☐	1.0000		3879274.01		A	1.6
4	☐	1.0000		4081507.96		A	0.6
5	☐	1.0000		3973991.29		A	1.0
6	☐	1.0000					



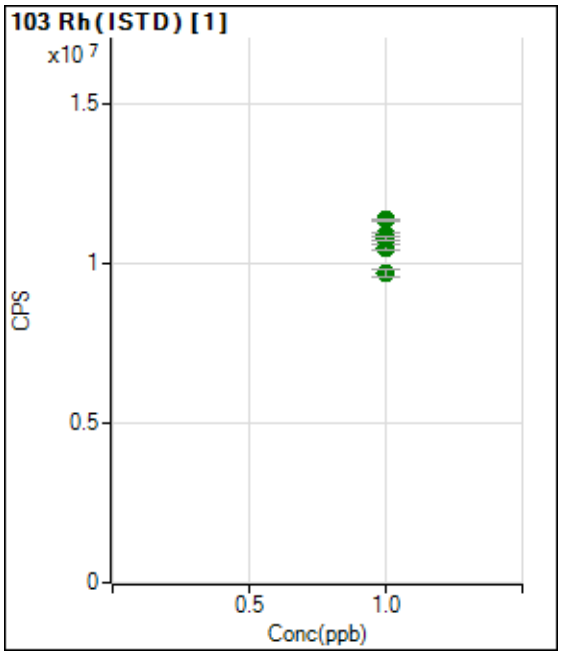
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		268144.75		P	0.9
2	☐	1.0000		273344.96		P	1.1
3	☐	1.0000		290611.37		P	0.6
4	☐	1.0000		304782.23		P	0.7
5	☐	1.0000		307868.37		P	1.3
6	☐	1.0000					



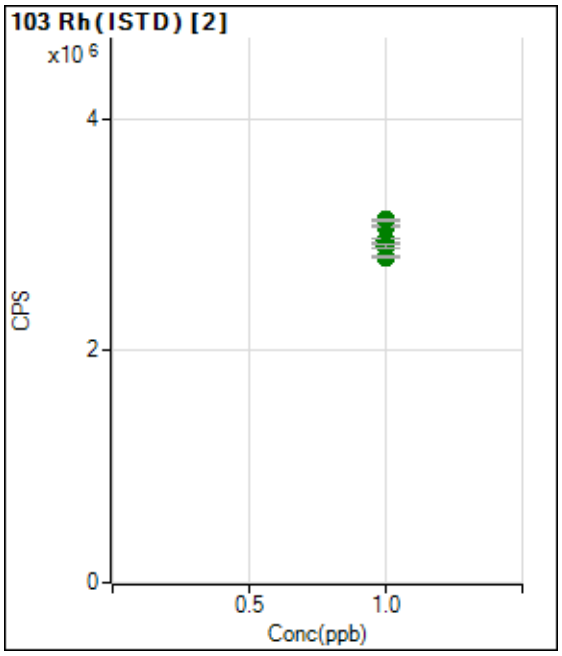
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1545716.28		A	2.9
2	☐	1.0000		1643630.39		A	1.1
3	☐	1.0000		1711848.62		A	1.4
4	☐	1.0000		1792849.92		A	0.7
5	☐	1.0000		1807145.65		A	0.7
6	☐	1.0000					



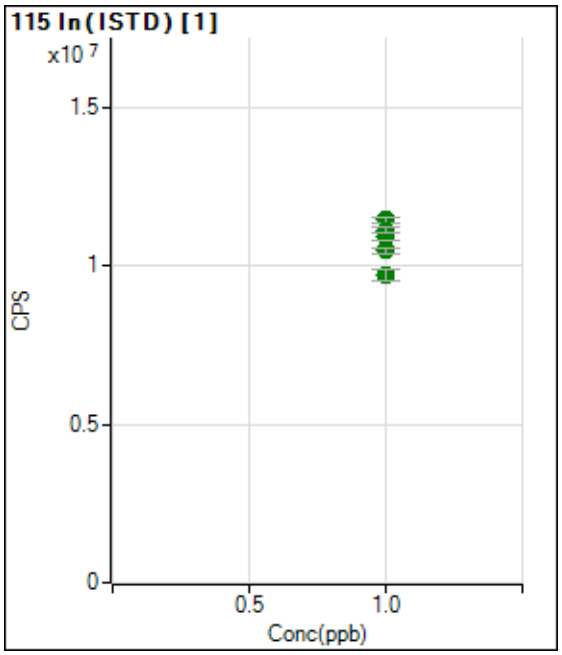
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		110037.97		P	1.5
2	☐	1.0000		112894.90		P	0.6
3	☐	1.0000		119064.79		P	0.7
4	☐	1.0000		123319.53		P	2.1
5	☐	1.0000		127765.99		P	0.9
6	☐	1.0000					



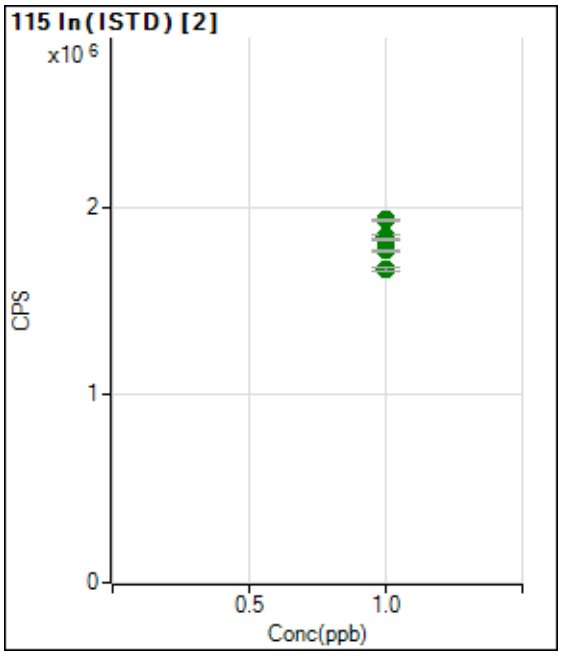
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9695297.98		A	2.8
2	☐	1.0000		10506143.18		A	1.7
3	☐	1.0000		10909465.67		A	1.5
4	☐	1.0000		11367141.50		A	0.7
5	☐	1.0000		10777788.59		A	1.1
6	☐	1.0000					



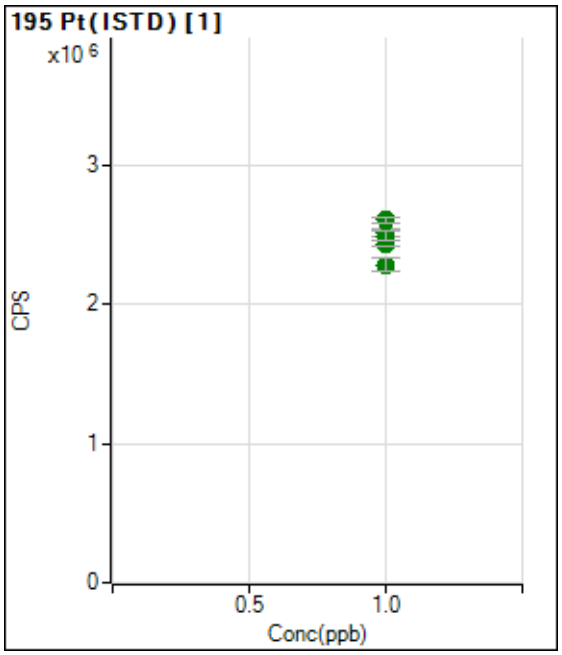
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2804747.98		A	0.5
2	☐	1.0000		2946917.46		A	1.2
3	☐	1.0000		3072195.68		A	0.5
4	☐	1.0000		3129920.27		A	0.8
5	☐	1.0000		2901632.14		A	0.7
6	☐	1.0000					



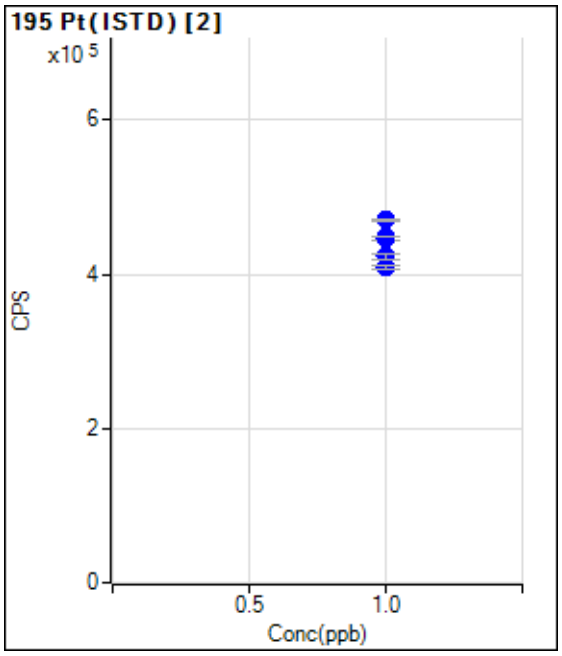
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9701484.13		A	3.4
2	☐	1.0000		10483473.60		A	1.6
3	☐	1.0000		10921448.54		A	1.8
4	☐	1.0000		11450020.53		A	1.5
5	☐	1.0000		11134043.08		A	1.7
6	☐	1.0000					



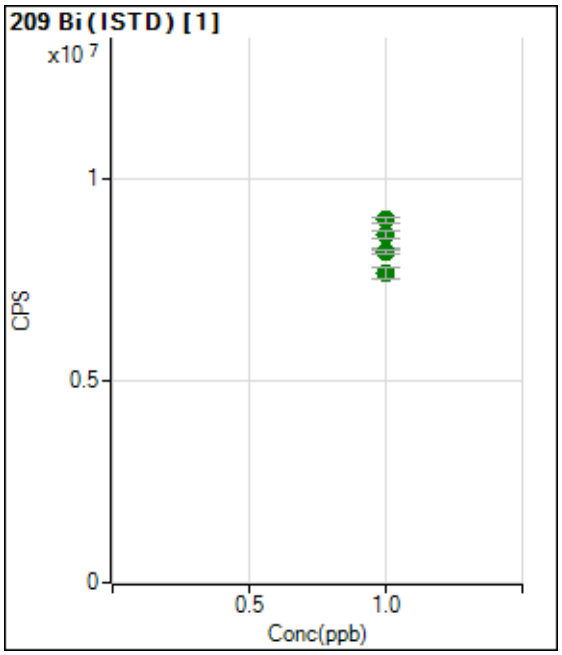
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1669371.96		A	1.3
2	☐	1.0000		1766150.90		A	0.3
3	☐	1.0000		1843034.34		A	0.7
4	☐	1.0000		1931302.47		A	0.8
5	☐	1.0000		1825249.85		A	0.6
6	☐	1.0000					



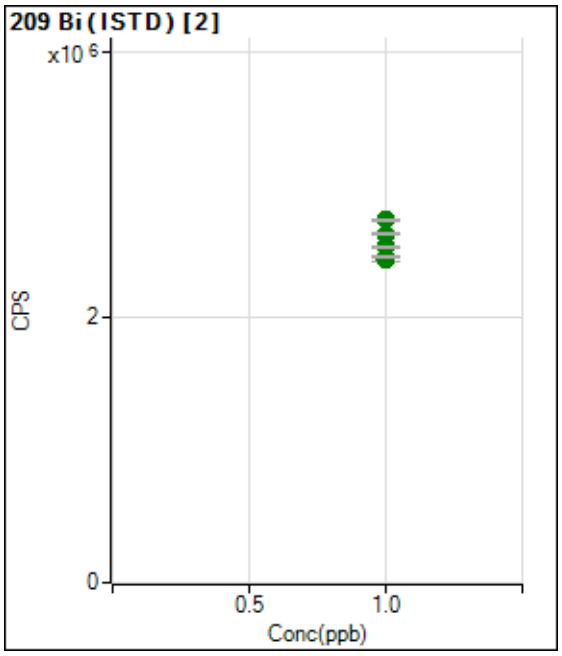
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2287072.83		A	4.0
2	☐	1.0000		2435684.60		A	1.6
3	☐	1.0000		2512526.00		A	2.1
4	☐	1.0000		2607980.48		A	1.6
5	☐	1.0000		2491840.38		A	2.7
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		408640.33		P	1.5
2	☐	1.0000		422653.78		P	1.8
3	☐	1.0000		446011.45		P	1.3
4	☐	1.0000		470391.78		P	0.8
5	☐	1.0000		448707.14		P	0.5
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7675390.51		A	3.7
2	☐	1.0000		8209098.83		A	1.6
3	☐	1.0000		8647090.08		A	2.0
4	☐	1.0000		8997176.53		A	1.7
5	☐	1.0000		8216111.34		A	1.2
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2435457.67		A	0.9
2	☐	1.0000		2535585.64		A	0.4
3	☐	1.0000		2630263.19		A	0.7
4	☐	1.0000		2737148.50		A	0.6
5	☐	1.0000		2458321.99		A	0.5
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 23 Feb 2022 11:01:58 am
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

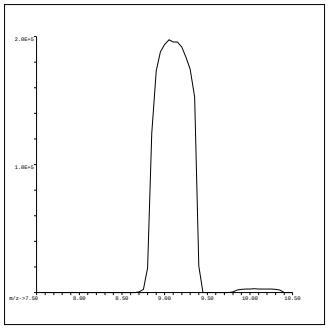
Element	Actual	Required	Flag
9 Be	0.68	5.00	
24 Mg	1.50	5.00	
25 Mg	1.31	5.00	
26 Mg	1.42	5.00	
59 Co	1.01	5.00	
115 In	0.86	5.00	
206 Pb	1.43	5.00	
207 Pb	0.68	5.00	
208 Pb	1.40	5.00	

Ion Ratio

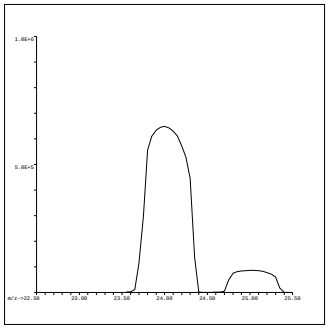
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

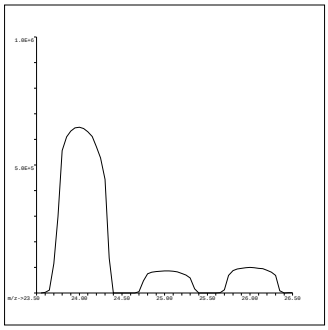
Element	Actual	Required	Flag



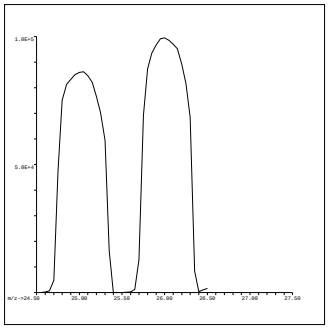
9 Be
Mass Calib.
   Actual: 9.10
   Required: 8.90-9.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



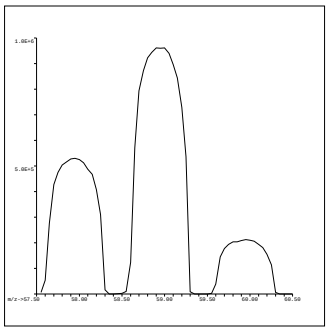
24 Mg
Mass Calib.
   Actual: 24.00
   Required: 23.90-24.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



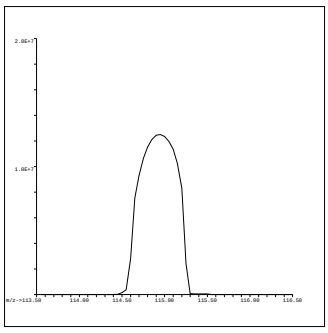
25 Mg
Mass Calib.
   Actual: 25.00
   Required: 24.90-25.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



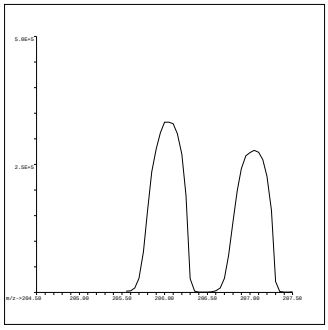
26 Mg
Mass Calib.
   Actual: 26.00
   Required: 25.90-26.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



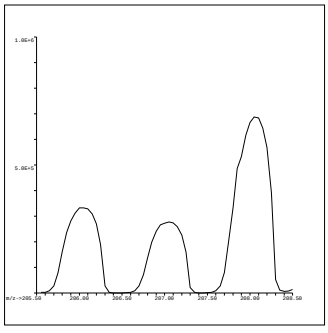
59 Co
Mass Calib.
   Actual: 58.95
   Required: 58.90-59.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:



115 In
Mass Calib.
   Actual: 114.95
   Required: 114.90-115.10
   Flag:
Peak Width
   Actual: 0.65
   Required: 0.80
   Flag:

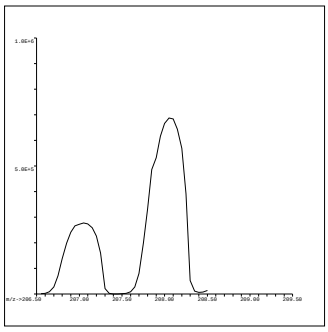


206 Pb
Mass Calib.
   Actual: 206.05
   Required: 205.90-206.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:



207 Pb
Mass Calib.
   Actual: 207.05
   Required: 206.90-207.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.05
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Run: HG220216-1A1

Analyst: JSD

Standards:

Stock A: 10ppm (ST211115-3)

Stock B: 10ppm (ST211115-4)

Reagents:

HNO_3: RG210726-1; **HCL:** RG211129-3; **SNCL:** RG210602-1; **$KMNO_4$:** RG220105-2; **HYDROXYLAMINE SULFATE:** RG220113-1; **H_2SO_4:** RG190906-5; **$K_2S_2O_8$:** RG211012-2

Pipettes Used:

M-80: 0.1 mL to 1.0 mL

M-81: 0.01 mL to 0.1 mL

M-85: 1.0 mL to 5.0 mL

Method of Dilution:

2X: Dilution made by diluting 2.5 mL of sample to a 5 mL final volume.

5X: Dilution made by diluting 1 mL of sample to a 5 mL final volume.

10x: Dilution made by diluting 0.5 mL of sample to a 5 mL final volume

20x: Dilution made by diluting 0.25 mL of sample to a 5 mL final volume

50x: Dilution made by diluting 0.1 mL of sample to a 5 mL final volume

100X: Dilution made by diluting 0.05 mL of sample to a 5 mL final volume

500X: Dilution made by diluting a 5X dilution 100X mL

1000X: Dilution made by diluting a 10X dilution 100X. Final/Sample

Daily Maintenance:

1. Check/change peristaltic pump tubing.
2. Check gas liquid separator for deposits, clean if necessary.
3. Check/refill rinse water and stannous chloride reservoirs.
4. Record Hg intensity/Hg lamp current.

Daily Maintenance done by: **JSD**

Monthly Maintenance:

1. Clean sample and reference cells.
2. Check/change Nafion drying cartridge.
3. Check/change GLS capillary inlet.

Monthly Maintenance done by: **JSD 1/18/2022**

Report Generated By Teledyne Leeman QuickTrace

Analyst: alfcl.nouser

Worksheet file: C:\Users\Public\Documents\Teledyne CETAC\QuickTrace\Worksheets\HG220216-1.wszf

Creation Date: 2/16/2022 11:22:29 AM

Comment:

Results

Sample Name					Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
Calibration Blank					STD	0.00	292	3.43			1.0000	N/A
	Replicates	290.5	293.6	280.3	304.6							
Standard #1 (0.2 ppb)					STD	0.20	4197	1.39	4.34%		1.0000	N/A
	Replicates	4117.7	4192.8	4226.0	4252.6							
Standard #2 (0.50 ppb)					STD	0.50	9885	0.74	-1.24%		1.0000	N/A
	Replicates	9788.7	9875.2	9915.2	9960.0							
Standard #3 (1 ppb)					STD	1.00	19900	0.42	-0.26%		1.0000	N/A
	Replicates	19795.8	19874.3	19944.3	19986.0							
Standard #4 (2 ppb)					STD	2.00	39132	0.42	-1.51%		1.0000	N/A
	Replicates	38919.5	39092.0	39222.0	39295.2							
Standard #5 (5 ppb)					STD	5.00	98539	1.61	0.42%		1.0000	N/A
	Replicates	96876.9	97681.0	99123.0	100474.9							
Standard #6 (10 ppb)					STD	10.00	192342	0.55	-0.04%		1.0000	N/A
	Replicates	191081.9	191960.0	192794.9	193532.4							

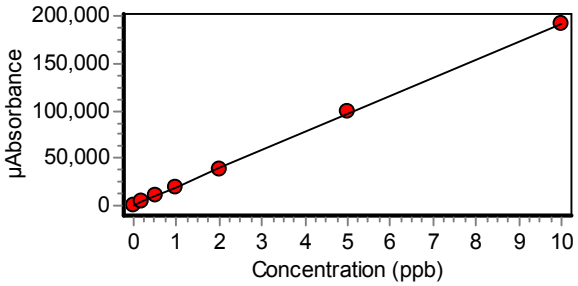
Calibration

Equation: Abs = -76.27717x*x + 20002.100x + 26.680

R2: 0.99998 RSE: 2.76%

SEE: 401.2612

Flags:



ICV					ICV	1.00	20028	0.65			1.0000	100.38
	Replicates	19873.6	19981.4	20082.9	20173.6							
ICB					ICB	0.00	-27	5.59			1.0000	N/A
	Replicates	-25.3	-30.5	-27.8	-23.7							
CRA					UNK	0.20	4093	0.33			1.0000	N/A
	Replicates	4085.8	4081.0	4095.0	4111.8							
RVS					UNK	0.09	1804	1.08			1.0000	N/A
	Replicates	1799.7	1783.5	1804.2	1830.0							
HG220216-1MB					UNK	0.01	313	1.56			1.0000	N/A
	Replicates	319.6	310.1	310.2	312.7							
HG220216-1LCS					UNK	0.98	19637	0.45			1.0000	N/A
	Replicates	19518.0	19620.4	19693.9	19714.4							

Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
HG220216-1LCSD				UNK	1.00	19856	0.36			1.0000	N/A
	Replicates	19758.8	19848.9	19903.4	19911.9						
2202184-1				UNK	0.20	4023	0.43			1.0000	N/A
	Replicates	4016.3	4005.4	4046.1	4025.8						
2202184-2				UNK	0.23	4700	0.58			1.0000	N/A
	Replicates	4661.8	4706.3	4704.7	4726.2						
2202184-3				UNK	0.79	15759	0.54			1.0000	N/A
	Replicates	15643.2	15750.7	15808.0	15832.2						
2202184-4				UNK	0.56	11146	0.39			1.0000	N/A
	Replicates	11094.6	11125.2	11182.7	11180.7						
2202184-5				UNK	1.02	20258	0.36			1.0000	N/A
	Replicates	20153.8	20269.2	20309.7	20300.1						
CCV				CCV	1.97	39174	0.44			1.0000	98.60
	Replicates	38954.7	39137.1	39258.4	39345.6						
CCB				CCB	0.00	-21	39.27			1.0000	N/A
	Replicates	2.9	-33.8	-37.1	-14.5						
2202184-6				UNK	1.09	21719	0.75			1.0000	N/A
	Replicates	21498.9	21692.4	21839.9	21845.1						
2202184-7				UNK	1.75	34775	0.44			1.0000	N/A
	Replicates	34557.1	34823.7	34908.9	34808.9						
2202184-8				UNK	1.74	34629	0.54			1.0000	N/A
	Replicates	34382.9	34595.9	34729.2	34809.9						
2202184-9				UNK	1.51	30036	0.29			1.0000	N/A
	Replicates	29935.2	30004.5	30063.7	30139.9						
2202184-10				UNK	1.80	35700	0.23			1.0000	N/A
	Replicates	35583.1	35711.7	35752.2	35751.2						
2202184-11				UNK	1.91	37983	0.22			1.0000	N/A
	Replicates	37868.4	37988.4	38021.4	38054.6						
2202184-12				UNK	2.20	43759	0.38			1.0000	N/A
	Replicates	43535.9	43730.8	43863.3	43906.6						
2202184-13				UNK	1.69	33565	0.36			1.0000	N/A
	Replicates	33410.0	33538.3	33630.6	33681.8						
2202184-14				UNK	1.35	26826	0.32			1.0000	N/A
	Replicates	26723.6	26791.6	26882.3	26906.4						
2202184-15				UNK	1.05	21030	0.24			1.0000	N/A
	Replicates	20964.8	21016.1	21066.4	21072.1						
CCV				CCV	2.01	39899	0.27			1.0000	100.44
	Replicates	39756.8	39873.6	39969.0	39994.8						

Sample Name					Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
CCB					CCB	0.00	94	13.27			1.0000	N/A
	Replicates	104.2	97.9	82.9		92.9						
2202184-16					UNK	8.93	172481	0.43			1.0000	N/A
	Replicates	171529.1	172357.0	172878.7		173158.5						
2202184-17					UNK	1.72	34115	0.43			1.0000	N/A
	Replicates	33929.8	34069.1	34199.6		34261.1						
2202184-18					UNK	12.68	241465	0.24		O	1.0000	N/A
	Replicates	240654.5	241560.4	241824.7		241820.2						
2202184-19					UNK	1.90	37719	0.57			1.0000	N/A
	Replicates	37435.4	37688.2	37835.8		37918.5						
2202256-1					UNK	0.07	1407	1.68			1.0000	N/A
	Replicates	1406.4	1388.8	1440.3		1394.1						
2202184-18 2X					UNK	6.53	127315	0.45			1.0000	N/A
	Replicates	126524.6	127306.1	127663.6		127763.8						
CCV					CCV	1.98	39294	0.57			1.0000	98.90
	Replicates	39000.5	39255.4	39416.2		39502.4						
CCB					CCB	0.00	76	23.14			1.0000	N/A
	Replicates	59.1	83.4	82.4		77.6						

Miscellaneous

Prep Batch: IP220221-1

Metals Prep Worksheet

Start Date: 2/21/2022 **End Date:** 2/21/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:48 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	IM220221-1RVS	1	100			T1
1	2202184-1	1.006	100			
1	2202184-2	1.007	100			
1	2202184-3	1.001	100			
1	2202184-4	1.002	100			
1	2202184-5	1.014	100			
1	2202184-6	1.01	100			
1	2202184-7	1.019	100			
1	2202184-8	1.01	100			
1	2202184-9	1.001	100			
1	2202184-10	1.006	100			
1	2202184-11	1.006	100			
1	2202184-12	1.011	100			
1	2202184-13	1.013	100			
1	2202184-14	1.008	100			
1	2202184-15	1.003	100			
1	2202184-16	1.005	100			
1	2202184-17	1.018	100			
1	2202184-18	1.003	100			
1	2202184-19	1.016	100			
1	IM220221-1LCS	1	100			S1
1	IM220221-1LCSD	1	100			S1
1	IP220221-1MB	1	100			

Prep Batch: IP220221-1

Metals Prep Worksheet

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG211129-2	10	ml	
	RG211129-3	10	ml	
S1	ST210819-1	1	ml	M-18
T1	ST220214-7	1	ml	M-18

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Balance ID: 11
Date Extracted: 02/20/2022 **Oven ID:** 17 **Validated By:** aow
Date Analyzed: 02/20/2022 **In Oven:** 2/18/2022 8:10 **Validation Date:** 02/20/2022
Analyst: Abigail O. Williams **Out of Oven:** 2/20/2022 7:45 **Validation Time:** 9:21:28 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220218-10A	EX220218-10	EX220218-10-	2202184-1	SMP	1.239	10.08	10.59	9.35	7.2	92.8	
EX220218-10A	EX220218-10	EX220218-10-	2202184-2	SMP	1.237	10.4	9.669	8.43	18.9	81.1	
EX220218-10A	EX220218-10	EX220218-10-	2202184-3	SMP	1.239	10.43	10.51	9.27	11.1	88.9	
EX220218-10A	EX220218-10	EX220218-10-	2202184-4	SMP	1.242	10.12	9.564	8.32	17.8	82.2	
EX220218-10A	EX220218-10	EX220218-10-	2202184-5	SMP	1.237	10.32	8.834	7.60	26.4	73.6	
EX220218-10A	EX220218-10	EX220218-10-	2202184-6	SMP	1.239	10.20	9.859	8.62	15.5	84.5	
EX220218-10A	EX220218-10	EX220218-10-	2202184-7	DUP	1.240	10.28	10.17	8.93	13.1	86.9	1
EX220218-10A	EX220218-10	EX220218-10-	2202184-7	SMP	1.241	10.20	10.09	8.85	13.3	86.7	
EX220218-10A	EX220218-10	EX220218-10-	2202184-8	SMP	1.245	10.45	9.953	8.71	16.7	83.3	
EX220218-10A	EX220218-10	EX220218-10-	2202184-9	SMP	1.23	10.87	11.15	9.92	8.7	91.3	
EX220218-10A	EX220218-10	EX220218-10-	EX220218-10	MB	1.242	1.242	1.242	0.00	100.0	0.0	
EX220218-10A	EX220218-10	EX220218-10-	2202184-10	SMP	1.231	10.76	10.99	9.76	9.3	90.7	
EX220218-10A	EX220218-10	EX220218-10-	2202184-11	SMP	1.243	10.26	10.09	8.85	13.8	86.2	
EX220218-10A	EX220218-10	EX220218-10-	2202184-12	DUP	1.238	10.89	10.82	9.58	12.1	87.9	1
EX220218-10A	EX220218-10	EX220218-10-	2202184-12	SMP	1.235	10.80	10.72	9.49	12.2	87.8	
EX220218-10A	EX220218-10	EX220218-10-	2202184-13	SMP	1.246	10.2	9.66	8.41	17.5	82.5	
EX220218-10A	EX220218-10	EX220218-10-	2202184-14	SMP	1.244	10.24	9.597	8.35	18.4	81.6	
EX220218-10A	EX220218-10	EX220218-10-	2202184-15	SMP	1.245	10.44	10.23	8.98	13.9	86.1	
EX220218-10A	EX220218-10	EX220218-10-	2202184-16	SMP	1.241	10.58	10.13	8.89	16.0	84.0	
EX220218-10A	EX220218-10	EX220218-10-	2202184-17	SMP	1.246	10.27	8.761	7.51	26.8	73.2	
EX220218-10A	EX220218-10	EX220218-10-	2202184-18	SMP	1.245	10.04	10.9	9.65	3.8	96.2	
EX220218-10A	EX220218-10	EX220218-10-	2202184-19	SMP	1.243	10.74	9.924	8.68	19.2	80.8	

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Balance ID: 11
Date Extracted: 02/20/2022 **Oven ID:** 17
Date Analyzed: 02/20/2022 **In Oven:** 2/18/2022 8:10
Analyst: Abigail O. Williams **Out of Oven:** 2/20/2022 7:45

Validated By: aow
Validation Date: 02/20/2022
Validation Time: 9:21:28 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicat	LODV	Limit of Detection Verification
LOQV	Limit of Quantitation Verification	MB	Method Blank
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate
REP	Sample replicate	RVS	Reporting Level Verification Standar
SMP	Field Sample	SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate
Wet Wt = Sample Wet Wt - Dish Wt
Dry Wt = Sample Dry Wt + Dish Wt
Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt
All weight values shown above are expressed in grams.

$$RPD = \frac{|\text{Sample Value - Duplicate Value}|}{(\text{Sample Value + Duplicate Value})/2} \times 100$$

$$\%\ \text{Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\%\ \text{Moisture} = \frac{(\text{Wet Weight - Dry Weight})}{\text{Wet Weight}} \times 100$$

TETRA TECH

March 14, 2022

Mr. Ryan Dunham
Site Assessment Manager
U.S. Environmental Protection Agency, Region
8 Superfund and Emergency Management
Division 1595 Wynkoop Street
Denver, CO 80202

Subject: **Data Validation Report**
Bauer Tailings Site Reassessment
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 2083-2112-03
Document Tracking No. 0600c

Dear Mr. Dunham:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for nineteen soil samples (including two field duplicate samples) collected for the Bauer Tailings Site Reassessment project. The samples were collected from January 25-27, 2022 and were analyzed for metals by ALS-Ft Collins. The final laboratory data package was received on February 26, 2022.

Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders* and the EPA *NFG for Inorganic Superfund Methods Data Review* (November 2020).

No rejection of results was required for this data package. The results may be used as qualified based on the findings of this validation effort. If you have any questions regarding this data validation report, please call me at (303) 312-8843.

Sincerely,

Rob Tisdale
Chemist

Enclosure
cc: Didi Fung, Tetra Tech Program Manager
Kathleen Knox, Tetra Tech Project Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

Tetra Tech, Inc.
1560 Broadway, Suite 1400, Denver, CO 80202
Tel 303.312.8800
www.tetratech.com

ATTACHMENT

DATA VALIDATION REPORT
ALS-FT. COLLINS REPORT NO. 2202184

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT

Site Name	Bauer Tailings Reassessment	TO/TD No.	2083-2112-03
Document Tracking No.	0600c		
Data Reviewer (signature and date)	Jennifer Chandler 3/1/2022	**Technical Reviewer (signature and date)**	Ellen J. McHunter 03/10/2022
Laboratory Report No.	2202184	**Laboratory**	ALS – Ft. Collins
Analyses	Metals by EPA Method 6020B and 7471B		
Samples and Matrix	Nineteen soil samples including two field duplicates		
Collection Date(s)	January 25-27, 2022		
Field Duplicate Pairs	BT-GS-B19/BT-GS-B19-DUP, BT-GS-C06/BT-GS-C06-DUP		
Field QC Blanks	NA		

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders, Superfund Technical Assessment and Response Team (START V), EPA Region 8, Revision 4* (May 2021), and the EPA *NFGs for Inorganic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
NA	

MS/MSDs:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	BT-GS-B19/ BT-GS-B19 DUP: The following analytes had RPDs greater than 70% RPD criteria allowed for metals field duplicates and were flagged "J": barium (RPD = 76.6%), cadmium (RPD = 89.5%), calcium (RPD = 71.0%), magnesium (RPD = 129%), potassium (RPD = 117%), sodium (RPD = 160%), thallium (RPD = 83.6%), and zinc (RPD = 78.8%). BT-GS-C06/BT-GS-C06-DUP: All field duplicate RPDs were <70%.

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	All samples were initially diluted 10-fold for ICP-MS analysis, and 1-fold for CVAA analysis. In addition, the following dilutions were performed: • Samples BT-GS-F18 and BT-GS-F20 were diluted 100-fold for lead and manganese. • Samples BT-GS-F13 and BT-GS-B19-DUP were diluted 100-fold for arsenic, lead, and manganese. • Sample BT-GS-H03 was diluted 100-fold for arsenic and lead. • Samples BT-GS-I08 and BT-GS-B19 were diluted 100-fold for arsenic, iron, and lead. • Sample BT-GS-J09 was diluted 100-fold for arsenic and manganese, and 1000-fold for lead. • Samples BT-GS-E07, BT-GS-C08, BT-GS-C06, BT-GS-C06-DUP, and BT-GS-D06 were diluted 100-fold for arsenic, iron, and manganese, and 1000-fold for lead. • Sample BT-GS-G02 was diluted 100-fold for arsenic and 1000-fold for lead. • Sample BT-GS-J06 was diluted 100-fold for arsenic and iron, and 1000-fold for lead. • Sample BT-GS-L04 was diluted 1000-fold for lead. • Sample BT-GS-K06 was diluted 100-fold for arsenic and iron, 1000-fold for lead, and 2-fold for mercury.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
Y	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	All analytes were detected at concentrations above the MDL by the laboratory. Compounds detected between the MDL and RL were qualified as estimated (J) by the laboratory. RLs and MDLs are provided in the attached analytical data table for non-detected results, and in the laboratory data package for all samples and analytes.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [specify]:

Within Criteria	Exceedance/Notes
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.

NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY

ALS - FT. COLLINS REPORT NO. 2202184

SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-B19	SW6020	ALUMINUM	2400		7.1	16	MG/KG	2400	
BT-GS-B19	SW6020	ANTIMONY	16		0.02	0.11	MG/KG	16	
BT-GS-B19	SW6020	ARSENIC	2700		0.54	2.2	MG/KG	2700	
BT-GS-B19	SW6020	BARIUM	65		0.25	0.55	MG/KG	65	J
BT-GS-B19	SW6020	BERYLLIUM	0.29		0.0055	0.055	MG/KG	0.29	
BT-GS-B19	SW6020	CADMIUM	21		0.024	0.22	MG/KG	21	J
BT-GS-B19	SW6020	CALCIUM	20000		19	110	MG/KG	20000	J
BT-GS-B19	SW6020	CHROMIUM	9.9		0.6	1.1	MG/KG	9.9	
BT-GS-B19	SW6020	COBALT	3.2		0.035	0.55	MG/KG	3.2	
BT-GS-B19	SW6020	COPPER	290		0.32	2.2	MG/KG	290	
BT-GS-B19	SW6020	IRON	70000		120	220	MG/KG	70000	
BT-GS-B19	SW6020	LEAD	5400		0.72	2.2	MG/KG	5400	
BT-GS-B19	SW6020	MAGNESIUM	2800		3.6	11	MG/KG	2800	J
BT-GS-B19	SW6020	MANGANESE	1800		0.42	0.82	MG/KG	1800	
BT-GS-B19	SW7471	MERCURY	0.27		0.0045	0.036	MG/KG	0.27	
BT-GS-B19	SW6020	NICKEL	8.1		0.48	2.2	MG/KG	8.1	
BT-GS-B19	SW6020	POTASSIUM	1600		16	110	MG/KG	1600	J
BT-GS-B19	SW6020	SELENIUM	3.4		0.22	1.1	MG/KG	3.4	
BT-GS-B19	SW6020	SILVER	33		0.0091	0.055	MG/KG	33	
BT-GS-B19	SW6020	SODIUM	500		16	110	MG/KG	500	J
BT-GS-B19	SW6020	THALLIUM	7.8		0.0027	0.011	MG/KG	7.8	J
BT-GS-B19	SW6020	VANADIUM	8.1		0.14	0.55	MG/KG	8.1	
BT-GS-B19	SW6020	ZINC	3000		4.5	11	MG/KG	3000	J
BT-GS-B19-DUP	SW6020	ALUMINUM	1700		7.1	16	MG/KG	1700	
BT-GS-B19-DUP	SW6020	ANTIMONY	14		0.02	0.11	MG/KG	14	
BT-GS-B19-DUP	SW6020	ARSENIC	2000		0.54	2.2	MG/KG	2000	
BT-GS-B19-DUP	SW6020	BARIUM	29		0.25	0.55	MG/KG	29	J
BT-GS-B19-DUP	SW6020	BERYLLIUM	0.31		0.0055	0.055	MG/KG	0.31	
BT-GS-B19-DUP	SW6020	CADMIUM	55		0.024	0.22	MG/KG	55	J
BT-GS-B19-DUP	SW6020	CALCIUM	42000		19	110	MG/KG	42000	J
BT-GS-B19-DUP	SW6020	CHROMIUM	6.9		0.6	1.1	MG/KG	6.9	
BT-GS-B19-DUP	SW6020	COBALT	2.9		0.035	0.55	MG/KG	2.9	
BT-GS-B19-DUP	SW6020	COPPER	210		0.32	2.2	MG/KG	210	
BT-GS-B19-DUP	SW6020	IRON	46000		12	22	MG/KG	46000	
BT-GS-B19-DUP	SW6020	LEAD	5100		0.72	2.2	MG/KG	5100	
BT-GS-B19-DUP	SW6020	MAGNESIUM	13000		3.6	11	MG/KG	13000	J
BT-GS-B19-DUP	SW6020	MANGANESE	3500		4.2	8.2	MG/KG	3500	
BT-GS-B19-DUP	SW7471	MERCURY	0.32		0.0045	0.036	MG/KG	0.32	
BT-GS-B19-DUP	SW6020	NICKEL	12		0.48	2.2	MG/KG	12	
BT-GS-B19-DUP	SW6020	POTASSIUM	420		16	110	MG/KG	420	J
BT-GS-B19-DUP	SW6020	SELENIUM	5.6		0.22	1.1	MG/KG	5.6	
BT-GS-B19-DUP	SW6020	SILVER	36		0.0091	0.055	MG/KG	36	
BT-GS-B19-DUP	SW6020	SODIUM	56	J	16	110	MG/KG	56	J
BT-GS-B19-DUP	SW6020	THALLIUM	19		0.0027	0.011	MG/KG	19	J
BT-GS-B19-DUP	SW6020	VANADIUM	12		0.14	0.55	MG/KG	12	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS - FT. COLLINS REPORT NO. 2202184

SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-B19-DUP	SW6020	ZINC	6900		4.5	11	MG/KG	6900	J
BT-GS-C01	SW6020	ALUMINUM	7200		8	18	MG/KG	7200	
BT-GS-C01	SW6020	ANTIMONY	0.77		0.022	0.12	MG/KG	0.77	
BT-GS-C01	SW6020	ARSENIC	86		0.06	0.24	MG/KG	86	
BT-GS-C01	SW6020	BARIUM	120		0.28	0.61	MG/KG	120	
BT-GS-C01	SW6020	BERYLLIUM	0.52		0.0061	0.061	MG/KG	0.52	
BT-GS-C01	SW6020	CADMIUM	4.5		0.027	0.24	MG/KG	4.5	
BT-GS-C01	SW6020	CALCIUM	4100		21	120	MG/KG	4100	
BT-GS-C01	SW6020	CHROMIUM	11		0.67	1.2	MG/KG	11	
BT-GS-C01	SW6020	COBALT	4.8		0.039	0.61	MG/KG	4.8	
BT-GS-C01	SW6020	COPPER	35		0.36	2.4	MG/KG	35	
BT-GS-C01	SW6020	IRON	11000		13	24	MG/KG	11000	
BT-GS-C01	SW6020	LEAD	340		0.081	0.24	MG/KG	340	
BT-GS-C01	SW6020	MAGNESIUM	4100		4	12	MG/KG	4100	
BT-GS-C01	SW6020	MANGANESE	490		0.47	0.92	MG/KG	490	
BT-GS-C01	SW7471	MERCURY	0.046		0.005	0.04	MG/KG	0.046	
BT-GS-C01	SW6020	NICKEL	12		0.54	2.4	MG/KG	12	
BT-GS-C01	SW6020	POTASSIUM	2700		18	120	MG/KG	2700	
BT-GS-C01	SW6020	SELENIUM	0.95	J	0.24	1.2	MG/KG	0.95	J
BT-GS-C01	SW6020	SILVER	1.4		0.01	0.061	MG/KG	1.4	
BT-GS-C01	SW6020	SODIUM	81	J	18	120	MG/KG	81	J
BT-GS-C01	SW6020	THALLIUM	0.94		0.0031	0.012	MG/KG	0.94	
BT-GS-C01	SW6020	VANADIUM	12		0.16	0.61	MG/KG	12	
BT-GS-C01	SW6020	ZINC	300		5	12	MG/KG	300	
BT-GS-C06	SW6020	ALUMINUM	5100		7.8	18	MG/KG	5100	
BT-GS-C06	SW6020	ANTIMONY	14		0.022	0.12	MG/KG	14	
BT-GS-C06	SW6020	ARSENIC	2400		0.59	2.4	MG/KG	2400	
BT-GS-C06	SW6020	BARIUM	69		0.28	0.6	MG/KG	69	
BT-GS-C06	SW6020	BERYLLIUM	0.81		0.006	0.06	MG/KG	0.81	
BT-GS-C06	SW6020	CADMIUM	74		0.026	0.24	MG/KG	74	
BT-GS-C06	SW6020	CALCIUM	42000		20	120	MG/KG	42000	
BT-GS-C06	SW6020	CHROMIUM	16		0.66	1.2	MG/KG	16	
BT-GS-C06	SW6020	COBALT	5.3		0.038	0.6	MG/KG	5.3	
BT-GS-C06	SW6020	COPPER	420		0.35	2.4	MG/KG	420	
BT-GS-C06	SW6020	IRON	67000		130	240	MG/KG	67000	
BT-GS-C06	SW6020	LEAD	11000		7.9	24	MG/KG	11000	
BT-GS-C06	SW6020	MAGNESIUM	12000		3.9	12	MG/KG	12000	
BT-GS-C06	SW6020	MANGANESE	7400		4.5	9	MG/KG	7400	
BT-GS-C06	SW7471	MERCURY	0.33		0.0049	0.039	MG/KG	0.33	
BT-GS-C06	SW6020	NICKEL	20		0.53	2.4	MG/KG	20	
BT-GS-C06	SW6020	POTASSIUM	1300		18	120	MG/KG	1300	
BT-GS-C06	SW6020	SELENIUM	6.5		0.24	1.2	MG/KG	6.5	
BT-GS-C06	SW6020	SILVER	45		0.0099	0.06	MG/KG	45	
BT-GS-C06	SW6020	SODIUM	210		18	120	MG/KG	210	
BT-GS-C06	SW6020	THALLIUM	19		0.003	0.012	MG/KG	19	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS - FT. COLLINS REPORT NO. 2202184

SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-C06	SW6020	VANADIUM	23		0.16	0.6	MG/KG	23	
BT-GS-C06	SW6020	ZINC	8200		4.9	12	MG/KG	8200	
BT-GS-C06-DUP	SW7471	ALUMINUM	5000		7.9	18	MG/KG	5000	
BT-GS-C06-DUP	SW6020	ANTIMONY	16		0.022	0.12	MG/KG	16	
BT-GS-C06-DUP	SW6020	ARSENIC	2800		0.6	2.4	MG/KG	2800	
BT-GS-C06-DUP	SW6020	BARIUM	68		0.28	0.61	MG/KG	68	
BT-GS-C06-DUP	SW6020	BERYLLIUM	0.8		0.0061	0.061	MG/KG	0.8	
BT-GS-C06-DUP	SW6020	CADMIUM	82		0.027	0.24	MG/KG	82	
BT-GS-C06-DUP	SW6020	CALCIUM	43000		21	120	MG/KG	43000	
BT-GS-C06-DUP	SW6020	CHROMIUM	17		0.67	1.2	MG/KG	17	
BT-GS-C06-DUP	SW6020	COBALT	5.3		0.039	0.61	MG/KG	5.3	
BT-GS-C06-DUP	SW6020	COPPER	440		0.35	2.4	MG/KG	440	
BT-GS-C06-DUP	SW6020	IRON	73000		130	240	MG/KG	73000	
BT-GS-C06-DUP	SW6020	LEAD	11000		8	24	MG/KG	11000	
BT-GS-C06-DUP	SW6020	MAGNESIUM	13000		4	12	MG/KG	13000	
BT-GS-C06-DUP	SW6020	MANGANESE	8100		4.6	9.1	MG/KG	8100	
BT-GS-C06-DUP	SW7471	MERCURY	0.27		0.005	0.039	MG/KG	0.27	
BT-GS-C06-DUP	SW6020	NICKEL	21		0.53	2.4	MG/KG	21	
BT-GS-C06-DUP	SW6020	POTASSIUM	1300		18	120	MG/KG	1300	
BT-GS-C06-DUP	SW6020	SELENIUM	7.3		0.24	1.2	MG/KG	7.3	
BT-GS-C06-DUP	SW6020	SILVER	47		0.01	0.061	MG/KG	47	
BT-GS-C06-DUP	SW6020	SODIUM	200		18	120	MG/KG	200	
BT-GS-C06-DUP	SW6020	THALLIUM	21		0.003	0.012	MG/KG	21	
BT-GS-C06-DUP	SW6020	VANADIUM	24		0.16	0.61	MG/KG	24	
BT-GS-C06-DUP	SW6020	ZINC	9100		5	12	MG/KG	9100	
BT-GS-C08	SW6020	ALUMINUM	3300		7.3	17	MG/KG	3300	
BT-GS-C08	SW6020	ANTIMONY	14		0.02	0.11	MG/KG	14	
BT-GS-C08	SW6020	ARSENIC	2500		0.55	2.3	MG/KG	2500	
BT-GS-C08	SW6020	BARIUM	52		0.26	0.56	MG/KG	52	
BT-GS-C08	SW6020	BERYLLIUM	0.46		0.0056	0.056	MG/KG	0.46	
BT-GS-C08	SW6020	CADMIUM	64		0.025	0.23	MG/KG	64	
BT-GS-C08	SW6020	CALCIUM	45000		19	110	MG/KG	45000	
BT-GS-C08	SW6020	CHROMIUM	11		0.62	1.1	MG/KG	11	
BT-GS-C08	SW6020	COBALT	4.8		0.036	0.56	MG/KG	4.8	
BT-GS-C08	SW6020	COPPER	300		0.33	2.3	MG/KG	300	
BT-GS-C08	SW6020	IRON	57000		120	230	MG/KG	57000	
BT-GS-C08	SW6020	LEAD	6600		7.4	23	MG/KG	6600	
BT-GS-C08	SW6020	MAGNESIUM	13000		3.7	11	MG/KG	13000	
BT-GS-C08	SW6020	MANGANESE	6100		4.3	8.4	MG/KG	6100	
BT-GS-C08	SW7471	MERCURY	0.41		0.0048	0.038	MG/KG	0.41	
BT-GS-C08	SW6020	NICKEL	17		0.5	2.3	MG/KG	17	
BT-GS-C08	SW6020	POTASSIUM	810		17	110	MG/KG	810	
BT-GS-C08	SW6020	SELENIUM	5.6		0.23	1.1	MG/KG	5.6	
BT-GS-C08	SW6020	SILVER	36		0.0093	0.056	MG/KG	36	
BT-GS-C08	SW6020	SODIUM	85	J	17	110	MG/KG	85	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS - FT. COLLINS REPORT NO. 2202184

SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-C08	SW6020	THALLIUM	17		0.0028	0.011	MG/KG	17	
BT-GS-C08	SW6020	VANADIUM	16		0.15	0.56	MG/KG	16	
BT-GS-C08	SW6020	ZINC	8300		4.6	11	MG/KG	8300	
BT-GS-D06	SW6020	ALUMINUM	6900		8.7	20	MG/KG	6900	
BT-GS-D06	SW6020	ANTIMONY	14		0.024	0.13	MG/KG	14	
BT-GS-D06	SW6020	ARSENIC	2700		0.66	2.7	MG/KG	2700	
BT-GS-D06	SW6020	BARIUM	99		0.31	0.67	MG/KG	99	
BT-GS-D06	SW6020	BERYLLIUM	1		0.0067	0.067	MG/KG	1	
BT-GS-D06	SW6020	CADMIUM	93		0.03	0.27	MG/KG	93	
BT-GS-D06	SW6020	CALCIUM	48000		23	130	MG/KG	48000	
BT-GS-D06	SW6020	CHROMIUM	22		0.74	1.3	MG/KG	22	
BT-GS-D06	SW6020	COBALT	6.9		0.043	0.67	MG/KG	6.9	
BT-GS-D06	SW6020	COPPER	510		0.39	2.7	MG/KG	510	
BT-GS-D06	SW6020	IRON	85000		150	270	MG/KG	85000	
BT-GS-D06	SW6020	LEAD	13000		8.9	27	MG/KG	13000	
BT-GS-D06	SW6020	MAGNESIUM	17000		4.4	13	MG/KG	17000	
BT-GS-D06	SW6020	MANGANESE	9100		5.1	10	MG/KG	9100	
BT-GS-D06	SW7471	MERCURY	0.36		0.0052	0.042	MG/KG	0.36	
BT-GS-D06	SW6020	NICKEL	22		0.59	2.7	MG/KG	22	
BT-GS-D06	SW6020	POTASSIUM	1200		20	130	MG/KG	1200	
BT-GS-D06	SW6020	SELENIUM	6.9		0.27	1.3	MG/KG	6.9	
BT-GS-D06	SW6020	SILVER	59		0.011	0.067	MG/KG	59	
BT-GS-D06	SW6020	SODIUM	230		20	130	MG/KG	230	
BT-GS-D06	SW6020	THALLIUM	19		0.0034	0.013	MG/KG	19	
BT-GS-D06	SW6020	VANADIUM	24		0.17	0.67	MG/KG	24	
BT-GS-D06	SW6020	ZINC	9900		5.5	13	MG/KG	9900	
BT-GS-E07	SW6020	ALUMINUM	2500		7.5	17	MG/KG	2500	
BT-GS-E07	SW6020	ANTIMONY	14		0.021	0.12	MG/KG	14	
BT-GS-E07	SW6020	ARSENIC	2800		0.56	2.3	MG/KG	2800	
BT-GS-E07	SW6020	BARIUM	58		0.27	0.58	MG/KG	58	
BT-GS-E07	SW6020	BERYLLIUM	0.92		0.0058	0.058	MG/KG	0.92	
BT-GS-E07	SW6020	CADMIUM	63		0.025	0.23	MG/KG	63	
BT-GS-E07	SW6020	CALCIUM	54000		20	120	MG/KG	54000	
BT-GS-E07	SW6020	CHROMIUM	14		0.63	1.2	MG/KG	14	
BT-GS-E07	SW6020	COBALT	3.6		0.037	0.58	MG/KG	3.6	
BT-GS-E07	SW6020	COPPER	280		0.33	2.3	MG/KG	280	
BT-GS-E07	SW6020	IRON	68000		130	230	MG/KG	68000	
BT-GS-E07	SW6020	LEAD	7600		7.6	23	MG/KG	7600	
BT-GS-E07	SW6020	MAGNESIUM	7700		3.8	12	MG/KG	7700	
BT-GS-E07	SW6020	MANGANESE	5800		4.4	8.6	MG/KG	5800	
BT-GS-E07	SW7471	MERCURY	0.34		0.0046	0.036	MG/KG	0.34	
BT-GS-E07	SW6020	NICKEL	12		0.51	2.3	MG/KG	12	
BT-GS-E07	SW6020	POTASSIUM	820		17	120	MG/KG	820	
BT-GS-E07	SW6020	SELENIUM	4.3		0.23	1.2	MG/KG	4.3	
BT-GS-E07	SW6020	SILVER	39		0.0096	0.058	MG/KG	39	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS - FT. COLLINS REPORT NO. 2202184

SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-E07	SW6020	SODIUM	220		17	120	MG/KG	220	
BT-GS-E07	SW6020	THALLIUM	16		0.0029	0.012	MG/KG	16	
BT-GS-E07	SW6020	VANADIUM	13		0.15	0.58	MG/KG	13	
BT-GS-E07	SW6020	ZINC	7000		4.7	12	MG/KG	7000	
BT-GS-F13	SW6020	ALUMINUM	3300		8.7	20	MG/KG	3300	
BT-GS-F13	SW6020	ANTIMONY	11		0.024	0.13	MG/KG	11	
BT-GS-F13	SW6020	ARSENIC	1800		0.66	2.7	MG/KG	1800	
BT-GS-F13	SW6020	BARIUM	59		0.31	0.67	MG/KG	59	
BT-GS-F13	SW6020	BERYLLIUM	0.45		0.0067	0.067	MG/KG	0.45	
BT-GS-F13	SW6020	CADMIUM	52		0.029	0.27	MG/KG	52	
BT-GS-F13	SW6020	CALCIUM	32000		23	130	MG/KG	32000	
BT-GS-F13	SW6020	CHROMIUM	10		0.74	1.3	MG/KG	10	
BT-GS-F13	SW6020	COBALT	5.5		0.043	0.67	MG/KG	5.5	
BT-GS-F13	SW6020	COPPER	320		0.39	2.7	MG/KG	320	
BT-GS-F13	SW6020	IRON	59000		15	27	MG/KG	59000	
BT-GS-F13	SW6020	LEAD	3700		0.88	2.7	MG/KG	3700	
BT-GS-F13	SW6020	MAGNESIUM	10000		4.4	13	MG/KG	10000	
BT-GS-F13	SW6020	MANGANESE	6200		5.1	10	MG/KG	6200	
BT-GS-F13	SW7471	MERCURY	0.21		0.0053	0.042	MG/KG	0.21	
BT-GS-F13	SW6020	NICKEL	12		0.59	2.7	MG/KG	12	
BT-GS-F13	SW6020	POTASSIUM	750		20	130	MG/KG	750	
BT-GS-F13	SW6020	SELENIUM	2.9		0.27	1.3	MG/KG	2.9	
BT-GS-F13	SW6020	SILVER	35		0.011	0.067	MG/KG	35	
BT-GS-F13	SW6020	SODIUM	73	J	20	130	MG/KG	73	J
BT-GS-F13	SW6020	THALLIUM	12		0.0034	0.013	MG/KG	12	
BT-GS-F13	SW6020	VANADIUM	13		0.17	0.67	MG/KG	13	
BT-GS-F13	SW6020	ZINC	6200		5.5	13	MG/KG	6200	
BT-GS-F18	SW6020	ALUMINUM	2700		7.3	17	MG/KG	2700	
BT-GS-F18	SW6020	ANTIMONY	2.5		0.02	0.11	MG/KG	2.5	
BT-GS-F18	SW6020	ARSENIC	690		0.055	0.22	MG/KG	690	
BT-GS-F18	SW6020	BARIUM	40		0.26	0.56	MG/KG	40	
BT-GS-F18	SW6020	BERYLLIUM	0.27		0.0056	0.056	MG/KG	0.27	
BT-GS-F18	SW6020	CADMIUM	14		0.025	0.22	MG/KG	14	
BT-GS-F18	SW6020	CALCIUM	21000		19	110	MG/KG	21000	
BT-GS-F18	SW6020	CHROMIUM	6		0.62	1.1	MG/KG	6	
BT-GS-F18	SW6020	COBALT	3.1		0.036	0.56	MG/KG	3.1	
BT-GS-F18	SW6020	COPPER	190		0.33	2.2	MG/KG	190	
BT-GS-F18	SW6020	IRON	25000		12	22	MG/KG	25000	
BT-GS-F18	SW6020	LEAD	1200		0.74	2.2	MG/KG	1200	
BT-GS-F18	SW6020	MAGNESIUM	4300		3.7	11	MG/KG	4300	
BT-GS-F18	SW6020	MANGANESE	3100		4.3	8.4	MG/KG	3100	
BT-GS-F18	SW7471	MERCURY	0.13		0.0043	0.034	MG/KG	0.13	
BT-GS-F18	SW6020	NICKEL	6.6		0.49	2.2	MG/KG	6.6	
BT-GS-F18	SW6020	POTASSIUM	950		17	110	MG/KG	950	
BT-GS-F18	SW6020	SELENIUM	1.3		0.22	1.1	MG/KG	1.3	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
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SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-F18	SW6020	SILVER	13		0.0093	0.056	MG/KG	13	
BT-GS-F18	SW6020	SODIUM	220		17	110	MG/KG	220	
BT-GS-F18	SW6020	THALLIUM	2.6		0.0028	0.011	MG/KG	2.6	
BT-GS-F18	SW6020	VANADIUM	7.4		0.15	0.56	MG/KG	7.4	
BT-GS-F18	SW6020	ZINC	2000		4.6	11	MG/KG	2000	
BT-GS-F20	SW6020	ALUMINUM	5100		7.9	18	MG/KG	5100	
BT-GS-F20	SW6020	ANTIMONY	4.1		0.022	0.12	MG/KG	4.1	
BT-GS-F20	SW6020	ARSENIC	1100		0.059	0.24	MG/KG	1100	
BT-GS-F20	SW6020	BARIUM	110		0.28	0.61	MG/KG	110	
BT-GS-F20	SW6020	BERYLLIUM	0.48		0.0061	0.061	MG/KG	0.48	
BT-GS-F20	SW6020	CADMIUM	22		0.027	0.24	MG/KG	22	
BT-GS-F20	SW6020	CALCIUM	22000		21	120	MG/KG	22000	
BT-GS-F20	SW6020	CHROMIUM	9		0.67	1.2	MG/KG	9	
BT-GS-F20	SW6020	COBALT	4.1		0.039	0.61	MG/KG	4.1	
BT-GS-F20	SW6020	COPPER	120		0.35	2.4	MG/KG	120	
BT-GS-F20	SW6020	IRON	33000		13	24	MG/KG	33000	
BT-GS-F20	SW6020	LEAD	1900		0.8	2.4	MG/KG	1900	
BT-GS-F20	SW6020	MAGNESIUM	7200		4	12	MG/KG	7200	
BT-GS-F20	SW6020	MANGANESE	2500		4.6	9.1	MG/KG	2500	
BT-GS-F20	SW7471	MERCURY	0.11		0.0051	0.04	MG/KG	0.11	
BT-GS-F20	SW6020	NICKEL	10		0.53	2.4	MG/KG	10	
BT-GS-F20	SW6020	POTASSIUM	2600		18	120	MG/KG	2600	
BT-GS-F20	SW6020	SELENIUM	1.9		0.24	1.2	MG/KG	1.9	
BT-GS-F20	SW6020	SILVER	13		0.01	0.061	MG/KG	13	
BT-GS-F20	SW6020	SODIUM	210		18	120	MG/KG	210	
BT-GS-F20	SW6020	THALLIUM	4.7		0.003	0.012	MG/KG	4.7	
BT-GS-F20	SW6020	VANADIUM	9.6		0.16	0.61	MG/KG	9.6	
BT-GS-F20	SW6020	ZINC	2600		5	12	MG/KG	2600	
BT-GS-G02	SW6020	ALUMINUM	2300		7.5	17	MG/KG	2300	
BT-GS-G02	SW6020	ANTIMONY	9.4		0.021	0.12	MG/KG	9.4	
BT-GS-G02	SW6020	ARSENIC	1800		0.57	2.3	MG/KG	1800	
BT-GS-G02	SW6020	BARIUM	82		0.27	0.58	MG/KG	82	
BT-GS-G02	SW6020	BERYLLIUM	0.26		0.0058	0.058	MG/KG	0.26	
BT-GS-G02	SW6020	CADMIUM	6.3		0.025	0.23	MG/KG	6.3	
BT-GS-G02	SW6020	CALCIUM	17000		20	120	MG/KG	17000	
BT-GS-G02	SW6020	CHROMIUM	8		0.64	1.2	MG/KG	8	
BT-GS-G02	SW6020	COBALT	3.6		0.037	0.58	MG/KG	3.6	
BT-GS-G02	SW6020	COPPER	200		0.34	2.3	MG/KG	200	
BT-GS-G02	SW6020	IRON	56000		13	23	MG/KG	56000	
BT-GS-G02	SW6020	LEAD	13000		7.6	23	MG/KG	13000	
BT-GS-G02	SW6020	MAGNESIUM	1500		3.8	12	MG/KG	1500	
BT-GS-G02	SW6020	MANGANESE	360		0.44	0.87	MG/KG	360	
BT-GS-G02	SW7471	MERCURY	0.19		0.0046	0.036	MG/KG	0.19	
BT-GS-G02	SW6020	NICKEL	10		0.51	2.3	MG/KG	10	
BT-GS-G02	SW6020	POTASSIUM	2100		17	120	MG/KG	2100	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
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SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-G02	SW6020	SELENIUM	2.8		0.23	1.2	MG/KG	2.8	
BT-GS-G02	SW6020	SILVER	36		0.0096	0.058	MG/KG	36	
BT-GS-G02	SW6020	SODIUM	600		17	120	MG/KG	600	
BT-GS-G02	SW6020	THALLIUM	8.7		0.0029	0.012	MG/KG	8.7	
BT-GS-G02	SW6020	VANADIUM	9.3		0.15	0.58	MG/KG	9.3	
BT-GS-G02	SW6020	ZINC	1200		4.7	12	MG/KG	1200	
BT-GS-H03	SW6020	ALUMINUM	3800		7.6	18	MG/KG	3800	
BT-GS-H03	SW6020	ANTIMONY	17		0.021	0.12	MG/KG	17	
BT-GS-H03	SW6020	ARSENIC	1700		0.57	2.3	MG/KG	1700	
BT-GS-H03	SW6020	BARIUM	88		0.27	0.59	MG/KG	88	
BT-GS-H03	SW6020	BERYLLIUM	0.32		0.0059	0.059	MG/KG	0.32	
BT-GS-H03	SW6020	CADMIUM	20		0.026	0.23	MG/KG	20	
BT-GS-H03	SW6020	CALCIUM	30000		20	120	MG/KG	30000	
BT-GS-H03	SW6020	CHROMIUM	8.3		0.64	1.2	MG/KG	8.3	
BT-GS-H03	SW6020	COBALT	3.5		0.037	0.59	MG/KG	3.5	
BT-GS-H03	SW6020	COPPER	200		0.34	2.3	MG/KG	200	
BT-GS-H03	SW6020	IRON	35000		13	23	MG/KG	35000	
BT-GS-H03	SW6020	LEAD	5300		0.77	2.3	MG/KG	5300	
BT-GS-H03	SW6020	MAGNESIUM	4800		3.9	12	MG/KG	4800	
BT-GS-H03	SW6020	MANGANESE	790		0.45	0.88	MG/KG	790	
BT-GS-H03	SW7471	MERCURY	0.2		0.0046	0.036	MG/KG	0.2	
BT-GS-H03	SW6020	NICKEL	9.2		0.52	2.3	MG/KG	9.2	
BT-GS-H03	SW6020	POTASSIUM	1600		18	120	MG/KG	1600	
BT-GS-H03	SW6020	SELENIUM	2.2		0.23	1.2	MG/KG	2.2	
BT-GS-H03	SW6020	SILVER	22		0.0097	0.059	MG/KG	22	
BT-GS-H03	SW6020	SODIUM	200		18	120	MG/KG	200	
BT-GS-H03	SW6020	THALLIUM	6.1		0.0029	0.012	MG/KG	6.1	
BT-GS-H03	SW6020	VANADIUM	11		0.15	0.59	MG/KG	11	
BT-GS-H03	SW6020	ZINC	2400		4.8	12	MG/KG	2400	
BT-GS-I08	SW6020	ALUMINUM	940		7.4	17	MG/KG	940	
BT-GS-I08	SW6020	ANTIMONY	33		0.02	0.11	MG/KG	33	
BT-GS-I08	SW6020	ARSENIC	4600		0.55	2.3	MG/KG	4600	
BT-GS-I08	SW6020	BARIUM	61		0.26	0.57	MG/KG	61	
BT-GS-I08	SW6020	BERYLLIUM	0.069		0.0057	0.057	MG/KG	0.069	
BT-GS-I08	SW6020	CADMIUM	3.3		0.025	0.23	MG/KG	3.3	
BT-GS-I08	SW6020	CALCIUM	56000		19	110	MG/KG	56000	
BT-GS-I08	SW6020	CHROMIUM	11		0.62	1.1	MG/KG	11	
BT-GS-I08	SW6020	COBALT	0.54	J	0.036	0.57	MG/KG	0.54	J
BT-GS-I08	SW6020	COPPER	140		0.33	2.3	MG/KG	140	
BT-GS-I08	SW6020	IRON	67000		120	230	MG/KG	67000	
BT-GS-I08	SW6020	LEAD	5200		0.75	2.3	MG/KG	5200	
BT-GS-I08	SW6020	MAGNESIUM	760		3.7	11	MG/KG	760	
BT-GS-I08	SW6020	MANGANESE	820		0.43	0.85	MG/KG	820	
BT-GS-I08	SW7471	MERCURY	0.33		0.0048	0.038	MG/KG	0.33	
BT-GS-I08	SW6020	NICKEL	2.9		0.5	2.3	MG/KG	2.9	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
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SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-I08	SW6020	POTASSIUM	970		17	110	MG/KG	970	
BT-GS-I08	SW6020	SELENIUM	5.9		0.23	1.1	MG/KG	5.9	
BT-GS-I08	SW6020	SILVER	35		0.0094	0.057	MG/KG	35	
BT-GS-I08	SW6020	SODIUM	230		17	110	MG/KG	230	
BT-GS-I08	SW6020	THALLIUM	9		0.0028	0.011	MG/KG	9	
BT-GS-I08	SW6020	VANADIUM	15		0.15	0.57	MG/KG	15	
BT-GS-I08	SW6020	ZINC	1100		4.6	11	MG/KG	1100	
BT-GS-J06	SW6020	ALUMINUM	1600		7.7	18	MG/KG	1600	
BT-GS-J06	SW6020	ANTIMONY	30		0.021	0.12	MG/KG	30	
BT-GS-J06	SW6020	ARSENIC	2800		0.58	2.4	MG/KG	2800	
BT-GS-J06	SW6020	BARIUM	49		0.27	0.59	MG/KG	49	
BT-GS-J06	SW6020	BERYLLIUM	0.14		0.0059	0.059	MG/KG	0.14	
BT-GS-J06	SW6020	CADMIUM	18		0.026	0.24	MG/KG	18	
BT-GS-J06	SW6020	CALCIUM	31000		20	120	MG/KG	31000	
BT-GS-J06	SW6020	CHROMIUM	14		0.65	1.2	MG/KG	14	
BT-GS-J06	SW6020	COBALT	1.3		0.038	0.59	MG/KG	1.3	
BT-GS-J06	SW6020	COPPER	1000		0.34	2.4	MG/KG	1000	
BT-GS-J06	SW6020	IRON	58000		130	240	MG/KG	58000	
BT-GS-J06	SW6020	LEAD	29000		7.8	24	MG/KG	29000	
BT-GS-J06	SW6020	MAGNESIUM	1100		3.9	12	MG/KG	1100	
BT-GS-J06	SW6020	MANGANESE	190		0.45	0.89	MG/KG	190	
BT-GS-J06	SW7471	MERCURY	1.8		0.005	0.039	MG/KG	1.8	
BT-GS-J06	SW6020	NICKEL	5.5		0.52	2.4	MG/KG	5.5	
BT-GS-J06	SW6020	POTASSIUM	1500		18	120	MG/KG	1500	
BT-GS-J06	SW6020	SELENIUM	5.4		0.24	1.2	MG/KG	5.4	
BT-GS-J06	SW6020	SILVER	83		0.0098	0.059	MG/KG	83	
BT-GS-J06	SW6020	SODIUM	1300		18	120	MG/KG	1300	
BT-GS-J06	SW6020	THALLIUM	4.5		0.003	0.012	MG/KG	4.5	
BT-GS-J06	SW6020	VANADIUM	7.7		0.15	0.59	MG/KG	7.7	
BT-GS-J06	SW6020	ZINC	5500		4.9	12	MG/KG	5500	
BT-GS-J09	SW6020	ALUMINUM	2200		7.7	18	MG/KG	2200	
BT-GS-J09	SW6020	ANTIMONY	18		0.021	0.12	MG/KG	18	
BT-GS-J09	SW6020	ARSENIC	2600		0.58	2.4	MG/KG	2600	
BT-GS-J09	SW6020	BARIUM	38		0.27	0.59	MG/KG	38	
BT-GS-J09	SW6020	BERYLLIUM	0.93		0.0059	0.059	MG/KG	0.93	
BT-GS-J09	SW6020	CADMIUM	68		0.026	0.24	MG/KG	68	
BT-GS-J09	SW6020	CALCIUM	57000		20	120	MG/KG	57000	
BT-GS-J09	SW6020	CHROMIUM	8.8		0.65	1.2	MG/KG	8.8	
BT-GS-J09	SW6020	COBALT	3.5		0.038	0.59	MG/KG	3.5	
BT-GS-J09	SW6020	COPPER	270		0.34	2.4	MG/KG	270	
BT-GS-J09	SW6020	IRON	56000		13	24	MG/KG	56000	
BT-GS-J09	SW6020	LEAD	7000		7.8	24	MG/KG	7000	
BT-GS-J09	SW6020	MAGNESIUM	16000		3.9	12	MG/KG	16000	
BT-GS-J09	SW6020	MANGANESE	4700		4.5	8.9	MG/KG	4700	
BT-GS-J09	SW7471	MERCURY	0.32		0.0047	0.037	MG/KG	0.32	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
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SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-J09	SW6020	NICKEL	15		0.52	2.4	MG/KG	15	
BT-GS-J09	SW6020	POTASSIUM	510		18	120	MG/KG	510	
BT-GS-J09	SW6020	SELENIUM	6.8		0.24	1.2	MG/KG	6.8	
BT-GS-J09	SW6020	SILVER	43		0.0099	0.059	MG/KG	43	
BT-GS-J09	SW6020	SODIUM	71	J	18	120	MG/KG	71	J
BT-GS-J09	SW6020	THALLIUM	23		0.003	0.012	MG/KG	23	
BT-GS-J09	SW6020	VANADIUM	16		0.15	0.59	MG/KG	16	
BT-GS-J09	SW6020	ZINC	8500		4.9	12	MG/KG	8500	
BT-GS-K06	SW6020	ALUMINUM	1600		6.7	16	MG/KG	1600	
BT-GS-K06	SW6020	ANTIMONY	49		0.019	0.1	MG/KG	49	
BT-GS-K06	SW6020	ARSENIC	2100		0.51	2.1	MG/KG	2100	
BT-GS-K06	SW6020	BARIUM	16		0.24	0.52	MG/KG	16	
BT-GS-K06	SW6020	BERYLLIUM	0.17		0.0052	0.052	MG/KG	0.17	
BT-GS-K06	SW6020	CADMIUM	31		0.023	0.21	MG/KG	31	
BT-GS-K06	SW6020	CALCIUM	17000		18	100	MG/KG	17000	
BT-GS-K06	SW6020	CHROMIUM	14		0.57	1	MG/KG	14	
BT-GS-K06	SW6020	COBALT	2.7		0.033	0.52	MG/KG	2.7	
BT-GS-K06	SW6020	COPPER	1100		0.3	2.1	MG/KG	1100	
BT-GS-K06	SW6020	IRON	62000		110	210	MG/KG	62000	
BT-GS-K06	SW6020	LEAD	24000		6.8	21	MG/KG	24000	
BT-GS-K06	SW6020	MAGNESIUM	1200		3.4	10	MG/KG	1200	
BT-GS-K06	SW6020	MANGANESE	540		0.39	0.78	MG/KG	540	
BT-GS-K06	SW7471	MERCURY	2		0.0078	0.062	MG/KG	2	
BT-GS-K06	SW6020	NICKEL	10		0.46	2.1	MG/KG	10	
BT-GS-K06	SW6020	POTASSIUM	900		16	100	MG/KG	900	
BT-GS-K06	SW6020	SELENIUM	4.5		0.21	1	MG/KG	4.5	
BT-GS-K06	SW6020	SILVER	72		0.0086	0.052	MG/KG	72	
BT-GS-K06	SW6020	SODIUM	820		16	100	MG/KG	820	
BT-GS-K06	SW6020	THALLIUM	2.4		0.0026	0.01	MG/KG	2.4	
BT-GS-K06	SW6020	VANADIUM	8.4		0.13	0.52	MG/KG	8.4	
BT-GS-K06	SW6020	ZINC	5000		4.3	10	MG/KG	5000	
BT-GS-L04	SW6020	ALUMINUM	3900		7.9	18	MG/KG	3900	
BT-GS-L04	SW6020	ANTIMONY	14		0.022	0.12	MG/KG	14	
BT-GS-L04	SW6020	ARSENIC	830		0.06	0.24	MG/KG	830	
BT-GS-L04	SW6020	BARIUM	87		0.28	0.61	MG/KG	87	
BT-GS-L04	SW6020	BERYLLIUM	0.38		0.0061	0.061	MG/KG	0.38	
BT-GS-L04	SW6020	CADMIUM	52		0.027	0.24	MG/KG	52	
BT-GS-L04	SW6020	CALCIUM	42000		21	120	MG/KG	42000	
BT-GS-L04	SW6020	CHROMIUM	20		0.67	1.2	MG/KG	20	
BT-GS-L04	SW6020	COBALT	8		0.039	0.61	MG/KG	8	
BT-GS-L04	SW6020	COPPER	420		0.35	2.4	MG/KG	420	
BT-GS-L04	SW6020	IRON	60000		13	24	MG/KG	60000	
BT-GS-L04	SW6020	LEAD	13000		8	24	MG/KG	13000	
BT-GS-L04	SW6020	MAGNESIUM	4300		4	12	MG/KG	4300	
BT-GS-L04	SW6020	MANGANESE	1100		0.46	0.91	MG/KG	1100	

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS - FT. COLLINS REPORT NO. 2202184

SAMPLE ID	Method	Analyte	LAB RESULT	Lab QUAL	MDL	RL	UNITS	VAL RESULT	VAL QUAL
BT-GS-L04	SW7471	MERCURY	0.36		0.0047	0.038	MG/KG	0.36	
BT-GS-L04	SW6020	NICKEL	22		0.54	2.4	MG/KG	22	
BT-GS-L04	SW6020	POTASSIUM	1100		18	120	MG/KG	1100	
BT-GS-L04	SW6020	SELENIUM	2.5		0.24	1.2	MG/KG	2.5	
BT-GS-L04	SW6020	SILVER	27		0.01	0.061	MG/KG	27	
BT-GS-L04	SW6020	SODIUM	270		18	120	MG/KG	270	
BT-GS-L04	SW6020	THALLIUM	2.7		0.003	0.012	MG/KG	2.7	
BT-GS-L04	SW6020	VANADIUM	16		0.16	0.61	MG/KG	16	
BT-GS-L04	SW6020	ZINC	7400		5	12	MG/KG	7400	
BT-GS-N04	SW6020	ALUMINUM	3600		7	16	MG/KG	3600	
BT-GS-N04	SW6020	ANTIMONY	0.2		0.019	0.11	MG/KG	0.2	
BT-GS-N04	SW6020	ARSENIC	8.2		0.053	0.21	MG/KG	8.2	
BT-GS-N04	SW6020	BARIUM	81		0.25	0.54	MG/KG	81	
BT-GS-N04	SW6020	BERYLLIUM	0.3		0.0054	0.054	MG/KG	0.3	
BT-GS-N04	SW6020	CADMIUM	0.42		0.024	0.21	MG/KG	0.42	
BT-GS-N04	SW6020	CALCIUM	49000		18	110	MG/KG	49000	
BT-GS-N04	SW6020	CHROMIUM	10		0.59	1.1	MG/KG	10	
BT-GS-N04	SW6020	COBALT	2.7		0.034	0.54	MG/KG	2.7	
BT-GS-N04	SW6020	COPPER	17		0.31	2.1	MG/KG	17	
BT-GS-N04	SW6020	IRON	5700		12	21	MG/KG	5700	
BT-GS-N04	SW6020	LEAD	34		0.071	0.21	MG/KG	34	
BT-GS-N04	SW6020	MAGNESIUM	5400		3.5	11	MG/KG	5400	
BT-GS-N04	SW6020	MANGANESE	190		0.41	0.8	MG/KG	190	
BT-GS-N04	SW7471	MERCURY	0.035		0.0044	0.035	MG/KG	0.035	
BT-GS-N04	SW6020	NICKEL	7.9		0.47	2.1	MG/KG	7.9	
BT-GS-N04	SW6020	POTASSIUM	1400		16	110	MG/KG	1400	
BT-GS-N04	SW6020	SELENIUM	0.59	J	0.21	1.1	MG/KG	0.59	J
BT-GS-N04	SW6020	SILVER	0.15		0.0089	0.054	MG/KG	0.15	
BT-GS-N04	SW6020	SODIUM	98	J	16	110	MG/KG	98	J
BT-GS-N04	SW6020	THALLIUM	0.23		0.0027	0.011	MG/KG	0.23	
BT-GS-N04	SW6020	VANADIUM	9.2		0.14	0.54	MG/KG	9.2	
BT-GS-N04	SW6020	ZINC	51		4.4	11	MG/KG	51	

APPENDIX D-3

BAUER TAILINGS REASSESSMENT SITE TRIP REPORT – PHASE 2 SAMPLING EVENT AUGUST 2, 2022

TETRA TECH

MADISON ERICSON
PROJECT MANAGER

August 2, 2022

Ryan Dunham
EPA Contracting Officer's Representative
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop St.
Denver, Colorado, 80202

Subject: **Site Trip Report – Phase 2 Sampling Event – Revision 1**
Bauer Tailings Site Reassessment
Stockton, Utah
U.S. EPA Region 8 START V, Contract No. 68HE0820D0001
Task Order No. 68HE0820F0083
TD No. 2083-2112-03

Dear Mr. Dunham:

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) is submitting Revision 1 of the Site Assessment Trip Report generated for the Phase 2 (P2) sampling event at the Bauer Tailings Site Reassessment in Stockton, Tooele County, Utah. This report summarizes field activities conducted during P2 of the site reassessment. Specific elements of this phase of the technical direction (TD) included collection of composite soil samples, collection of grab soil samples, conducting XRF screening of samples, laboratory analysis of a subset of samples, monitoring well investigation, documenting on-site conditions, collecting Global Positioning System (GPS) coordinates for aliquot locations, data management activities, and preparing this trip report. Enclosure 1 presents the site and screening results figures; Enclosure 2 contains the XRF screening results, laboratory analytical results, and water levels; Enclosure 3 presents the laboratory data package and data validation report.

Sincerely,

Madison Ericson
START Technical Direction Manager

SITE TRIP REPORT – PHASE 2 SAMPLING EVENT

REVISION 1

BAUER TAILINGS SITE REASSESSMENT SITE
STOCKTON, UTAH

Region 8 Superfund Technical Assessment and Response Team (START) V
Contract No. 68HE0820D0001, Task Order 68HE0820F0083

Prepared For:

U.S. Environmental Protection Agency
Region 8
Superfund Division
1595 Wynkoop Street
Denver, Colorado 80202

August 2, 2022

Prepared By:

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Enclosure

1	SITE FIGURES
2	XRF SCREENING RESULTS, FIXED LABORATORY ANALYTICAL RESULTS, MONITORING WELL DATA
3	LABORATORY ANALYTICAL PACKAGE AND DATA VALIDATION REPORT

1.0 SITE LOCATION AND DESCRIPTION

The Bauer Tailings Site Reassessment site (the Site) is located approximately three miles southwest of Stockton, Tooele County, Utah (Figure 1). The approximate geographic coordinates, acreage, and elevation of the Site are identified in the table below. Tooele Waste Management is located approximately 1 mile to the northeast from the Site, and Tooele Army Depot is approximately 3 miles to the north from the Site.

Site	Latitude	Longitude	Acreage	Elevation (feet above mean sea level)
Bauer Tailings	40.4715093	-112.3681012	425	4944

During the site assessment activities, U.S. Environmental Protection Agency (EPA), Utah Department of Environmental Quality (UDEQ), and Environmental Restoration LLC (ER) were conducting a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Time-Critical Removal Action (TCRA) to mitigate the threat from two large areas of tailings and mine waste at the Site (EPA 2021). In November 2021, the TCRA operations began to regrade and cap the waste deposits to prevent surface water from collecting and to prevent tailings from migrating (EPA 2022a).

In January 2022, START along with EPA and UDEQ conducted the Phase 1 (P1) site assessment sampling event. The P1 activities were conducted in areas within Tooele County parcels 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027 that were outside of the TCRA work area. Additional information regarding the P1 site assessment sampling event can be found in the Bauer Tailings Site Reassessment Site Trip Report – Phase 1 Sampling Event – Revision 2 (Tetra Tech 2022a)

The Phase 2 (P2) site reassessment activities were conducted in areas within Tooele County parcels 06-017-B-0035, 06-017-C-0027, and 06-017-C-0028, which border the Phase 1 (P1) parcels to the northeast. This area contains a former facility that processed coal derivatives with solvent to extract resin for adhesives, as well as a suspected waste pit that spans both P1 and P2 parcels. Waste deposits from this facility spontaneously combusted periodically and as recently as 1985, when two children were burned and seriously injured. At that time, the State of Utah ordered the property owner to remediate the property (EPA 2022a). Windblown tailings from the P1 parcels at the Site and waste from the resin facility are likely to have migrated as far as the P2 parcels.

Additionally, six monitoring wells were drilled on the P2 parcels in 1985 and 1986 by subcontractor STS D'Appalonia, but their locations and conditions were unknown (UDEQ 2021). Since there was no

documentation of maintenance or further sampling of the wells, it was unknown if they were still present or in usable condition prior to the P2 site assessment activities.

2.0 SITE ASSESSMENT ACTIVITES

On February 22, 2022, EPA, UDEQ, and START began the P2 site assessment activities. Activities included collection of 81 composite surface soil grid samples for ex situ XRF screening and target analyte list (TAL) metals analysis, collection of 30 discrete grab surface soil samples for semi-volatile organic compounds (SVOC) analysis from Areas of Interest (AOI) within the P2 area of the Site, location of six monitoring wells, measurement of the groundwater levels in the six monitoring wells, and documentation of site assessment activities. Sample collection activities were conducted in accordance with Revision 0 of the Sampling, Monitoring, and Analysis Plan (SMAP) submitted on February 21, 2022 and approved by EPA (Tetra Tech 2022b). The P2 grid locations are shown in Figure 2, AOI discrete sample locations are included in Figure 3, and monitoring well locations are included in Figure 4.

2.1 GRID SOIL SAMPLING ACTIVITIES

On February 22 through 27, START, with the assistance of EPA and UDEQ, collected 81 composite surface soil samples from 0 to 3 inches below ground surface to investigate the extent of migration of contaminants (lead and arsenic) from the tailings piles located on the P1 parcels. Prior to sampling, the P2 site assessment area was divided into grids measuring 100- by 100-meters by the START data management team. In each complete grid square designated for sampling, five surface soil aliquots were collected using stainless steel trowels and placed into a zip-tight bag before being homogenized into one sample representative of the extent of contamination in the entire area. For grid squares smaller than 100- by 100-meters due to Site boundaries, the number of aliquots collected was proportional to the size of the grid square included in the sampling area. Within each grid, no aliquot location was located within 100 feet of another aliquot to ensure spatial coverage of each grid. In total, 334 aliquots from 81 grids were collected. See Figure 2 in Enclosure 1 for grid sample locations.

Sampling equipment was decontaminated between each grid sample. Upon completion of sampling activities on February 27, 2022, P2 grid samples were packaged securely for transport to the EPA warehouse in Arvada, Colorado for ex situ XRF analyses. Sampling activities were recorded using ESRI's Survey123 and Field Maps mobile data collection application.

2.2 AOI SOIL SAMPLING ACTIVITIES

On February 22nd, START collected 30 discrete surface soil samples and three duplicate samples from 0 to 3 inches below ground surface from eight AOI for analysis of SVOCs. The polygon areas were defined around the AOIs based on review of historical aerial photographs and documents to identify locations of waste deposits, visibly disturbed areas and signs of distressed vegetation or stained soil. The number of discrete samples collected from each AOI was based on the size of the polygon area. The discrete AOI samples were not analyzed for metals since they were encompassed by the P2 grid sampling area for metals analysis. Figure 3 in Enclosure 1 provides a visual depiction of the AOI sample locations.

Sampling equipment was decontaminated between each AOI sample. Upon completion of sampling activities on February 22, 2022, 30 AOI samples and three duplicate samples were placed in 4-ounce sample jars stored on ice and delivered to ALS Laboratories (ALS) in Salt Lake City, Utah on February 23, 2022. ALS in Salt Lake City completed packaging and shipped the samples overnight to ALS in Fort Collins, Colorado for delivery on February 24, 2022. A copy of the chain-of-custody form is included in the laboratory results package in Enclosure 3.

2.3 XRF SCREENING ACTIVITIES

XRF screening was conducted on February 28 through March 2, 2022, in accordance with the EPA Region 4 Superfund X-Ray Fluorescence Field Operations Guide (FOG) and the SMAP (Tetra Tech 2022b). Subsamples were collected from each sample for XRF screening; the remainder of each sample was preserved on ice for laboratory analysis. The subsamples were homogenized using dedicated equipment to prevent contamination and placed on a drying hot plate to remove moisture that can interfere with XRF results. After drying, the samples were ground using a mortar and pestle, then placed in an approved zip-tight plastic bag labeled with the sample for screening.

Prior to screening, the Vanta handheld XRF analyzer was calibrated with a 316 stainless steel calibration check reference coin and a Quality Assurance and Quality Control (QA/QC) check was run using a Silica (SiO2) Standard and National Institute of Standards and Technology Standard Reference Material 2781. Each sample was checked again for moisture and further homogenized. XRF screening was then conducted by screening three different points of the homogenized sample on the exterior of the zip-tight plastic bag. The XRF provided readings for 22 metals, including lead and arsenic, and all screening data was downloaded from the XRF analyzer. The metal concentration data for the three screening points for each sample were then averaged for a final XRF screening concentration. In Enclosure 1, see Figure 2 for grid sample locations.

XRF screening results were used to select 10% of the P2 grid soil samples with a range of low to high lead and arsenic concentrations to submit for laboratory analysis of TAL metals. The nine P2 grid samples selected for laboratory analysis and one duplicate sample were placed in 4-ounce sample jars and delivered to ALS in Fort Collins, Colorado on March 3, 2022. A copy of the chain-of-custody form is included in the laboratory results package in Enclosure 3.

2.4 MONITORING WELL ACTIVITIES

On February 22nd, 2022, EPA, UDEQ, and START located all six monitoring wells believed to have been installed by STS D'Appalonia between 1985 and 1986. The locations of these wells are depicted on Figure 4 in Enclosure 1. All six monitoring wells were constructed with 4-inch PVC and surrounded by a steel outer enclosure. The monitoring wells were in poor condition with missing caps or partially broken off PVC. All wells were left in the same condition that they were found to be in. Additionally, the team located an unknown abandoned well on site that had a 1-foot metal ring opening; the location of this abandoned well is also shown on Figure 4 in Enclosure 1.

START collected groundwater levels and total well depths measurements using a 150-foot water level meter. Table 4 in Enclosure 2 summarizes the groundwater levels and total well depths of each location. Obstructions were observed within monitoring wells MW-01, MW-03, and MW-04, which prohibited recording accurate total well depths for each of these three wells. The total well depth of monitoring well 06 and the abandoned well are unknown, as the 150-foot water level meter did not reach the bottom of either well. The total well depths are unknown and are reported as minimum values in Table 4.

3.0 XRF AND FIXED LABORATORY RESULTS

Results were compared to EPA Removal Management Level (RML) for industrial soil with a target cancer risk level of 10^{-4} and a target hazard quotient of 1.0 for non-carcinogens (EPA 2022b).

3.1 GRID SOIL SAMPLES

XRF screening results for the P2 grid samples indicated that arsenic concentrations at 39 grids exceeded the EPA industrial removal management level (RML) of 300 parts per million (ppm), and lead concentrations at 34 grids exceeded the EPA industrial RML of 800 ppm. Of the grids with arsenic exceedances, concentrations ranged from 311 ppm to 2,234 ppm. Of the grids with lead exceedances, concentrations ranged from 874 ppm to 6,652 ppm.

Grid soil samples with low to high arsenic and lead concentrations were chosen for fixed laboratory metals analysis based on XRF results. ALS analyzed 10 soil samples including one duplicate sample for TAL metals and mercury in accordance with SW-846 Methods 6010C and 7471B.

Fixed laboratory results indicated that all 10 soil samples analyzed for TAL metals exceeded the EPA industrial soil RMLs of 300 mg/kg for arsenic and 7 out of 10 soil samples exceeded the EPA industrial RML of 800 mg/kg for lead (Table 2). Of the samples with arsenic exceedances, concentrations ranged from 320 mg/kg to 870 mg/kg. Of the samples with lead exceedances, concentrations ranged from 890 mg/kg to 1,600 mg/kg. No other metal analytes were detected in samples at concentrations above EPA industrial soil RMLs.

The XRF results for lead and arsenic for the P2 grid samples are provided in Figures 5 and 6 in Enclosure 1. Each color illustrated on Figure 5 distinguishes a different XRF result concentration range in ppm for arsenic. Each color illustrated on Figure 6 distinguishes a different XRF result concentration range in ppm for lead. Table 1 of Enclosure 2 is a summary of lead and arsenic XRF results for the P2 grid soil samples. Table 2 in Enclosure 2 summarize all fixed laboratory results for the P2 grid soil samples. Data validation reports and analytical reports are provided in Enclosure 3.

3.2 AOI SOIL SAMPLES

The fixed laboratory results indicated that there were no SVOC analytes detected in any of the 33 AOI soil samples at concentrations above EPA industrial soil RMLs. Table 3 in Enclosure 2 summarize all fixed laboratory results for the AOI discrete soil samples. Data validation reports and analytical reports are provided in Enclosure 3.

4.0 DATA QUALITY ASSESSMENT

The P2 sampling event included data quality objectives for the two soil sampling events and the one potential groundwater sampling event. Each of the data quality objectives were in accordance with Revision 0 of the SMAP (Tetra Tech 2022b).

The data quality objective for the composite grid samples was to evaluate the presence and extent of heavy metal contamination within the P2 sampling area. One soil duplicate sample (BT-GS-J15-DUP) was collected for laboratory analysis to assess total method precision; all field duplicate criteria were met. The duplicate soil sample was selected from the designated 10% of the P2 grid soil samples sent for fixed laboratory and was analyzed by the XRF with its original sample.

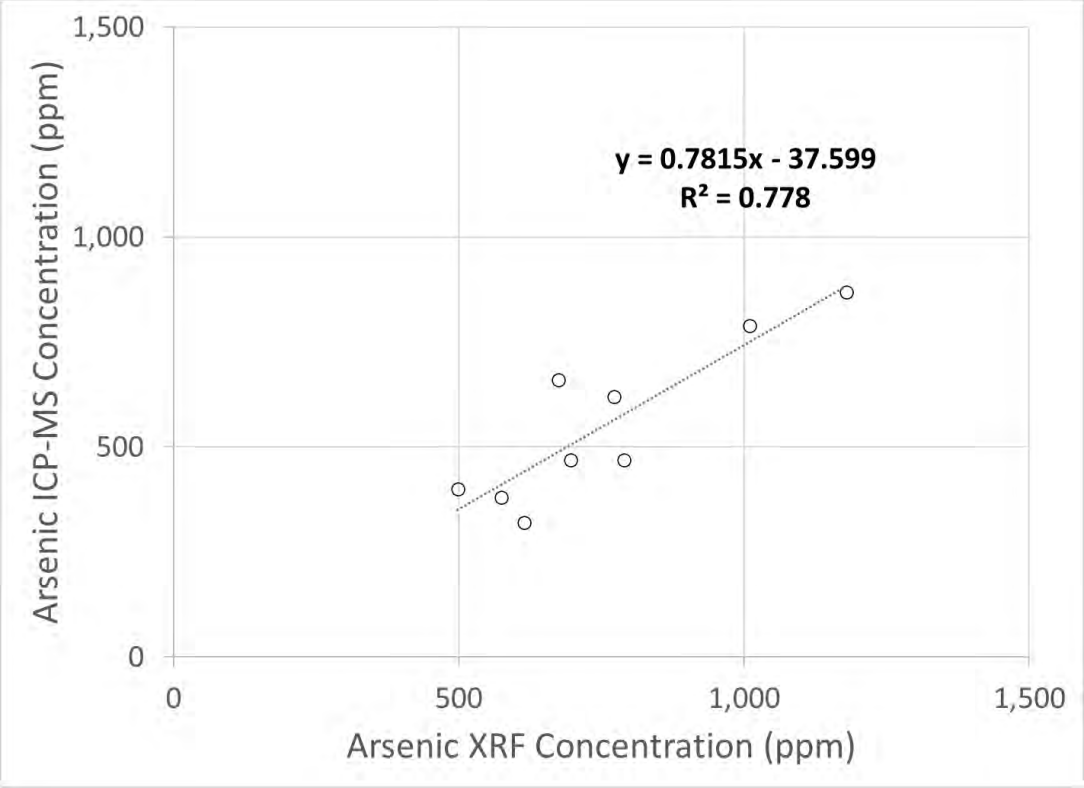
The data quality objective for the discrete AOI samples was to evaluate the presence and extent of SVOC contamination within areas of interest within the P2 sampling area that were determined from historic aerial photography and documentation. Three soil duplicate samples (BT-P2-AOI-03-04-DUP, BT-P2-AOI-04-01-DUP, and BT-P2-AOI-09-06-DUP) and one matrix spike/matrix spike duplicate (MS/MSD) sample were collected for laboratory analysis to assess total method precision; all field duplicates criteria were met. All field duplicate and MS/MSD precision criteria were met.

The data quality objective for the potential groundwater samples was to evaluate the presence and extent of VOC, SVOC, and metal contamination within the six monitoring well locations. Groundwater sampling was not collected during the P2 sampling event due to uncertainty of well conditions, time constraints, and equipment availability.

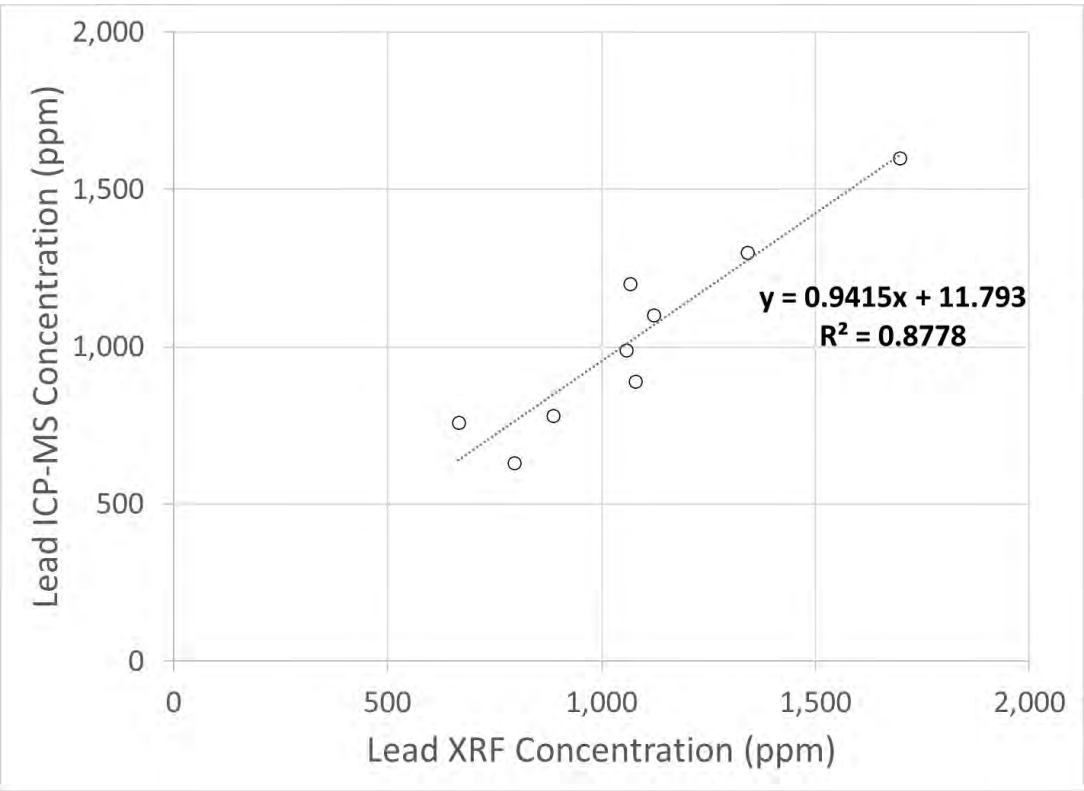
4.1 XRF CORRELATION

START conducted regressions of arsenic and lead XRF concentrations and laboratory analytical results for the 10% of selected P2 grid samples for which fixed laboratory analysis was performed. The arsenic and lead regression equations are included on the correlation graphs below.

Graph 1 – Arsenic Correlation



Graph 2 – Lead Correlation



4.2 DATA VALIDATION AND DATA MANAGEMENT

START personnel collected mobile data using ESRI's Survey123 mobile data collection application to document soil information, and to collect general photos and other site observations. Figures were created to show general site information such as the tailings boundary areas and the specific locations outside the active TCRA work area where the AOI and P2 sampling events occurred. Other figures show the sample locations along with their corresponding XRF results.

All soil sampling data and laboratory results were loaded into the Scribe database. All data analyzed by ALS in Fort Collins were validated by Tetra Tech chemists in general accordance with the Tetra Tech Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders (Tetra Tech 2021) and the EPA NFG for Inorganic Superfund Methods Data Review (November 2020). All laboratory data packages were verified and validated using a Stage 2a validation and all data were deemed acceptable for use as qualified in the data validation report.

4.3 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

START made every effort to perform site activities in accordance with the site-specific sampling, monitoring, and analysis plan. Site conditions and directions from the EPA SAM in the field resulted in slight deviations from the plan, including:

- Groundwater was not sampled and groundwater parameters were not measured due to uncertainty of well conditions, time constraints, and equipment availability.
- An equipment rinsate blank was not collected due to the extreme winter weather conditions on-site. All DI water brought to the site was utilized decontaminating reusable sampling equipment; therefore, a sufficient volume of DI water was not available to collect an equipment rinsate blank and submit it for analysis.

5.0 CONCLUSIONS

START, with the assistance of EPA and UDEQ, collected 81 grid soil samples from the P2 site assessment area and 30 discrete soil samples and three duplicate samples from the eight AOI areas. Grid soil samples were screened with an XRF for the main contaminants of concern, lead and arsenic. There were 34 grid samples that exceeded EPA RMLs for lead and 39 grid samples exceeded EPA RMLs for arsenic.

START submitted 9 grid soil samples and one duplicate sample with low to high arsenic and lead concentrations for fixed laboratory metals analysis based on XRF results. The fixed laboratory results indicated that all 10 P2 grid samples analyzed for TAL metals exceeded the EPA industrial soil RMLs for arsenic and 7 out of 10 soil samples exceeded the EPA industrial RML for lead. No other analytes were detected in samples at concentrations above EPA industrial soil RMLs.

START submitted 33 AOI samples for fixed laboratory SVOC analysis. The fixed laboratory results indicated that no analytes were detected at concentrations above EPA industrial soil RMLs.

6.0 REFERENCES

Tetra Tech Inc. (Tetra Tech). 2021. "Final Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment." Revision 4. May.

Tetra Tech. 2022a. "Site Trip Report – Phase 1 Sampling Event – Bauer Tailings Site Reassessment." Revision 2. August.

Tetra Tech. 2022b. "Sampling, Monitoring, and Analysis Plan Phase 2 Addendum – Bauer Tailings Site Reassessment." Revision 0. February.

U.S. Environmental Protection Agency (EPA). 2021. "Action Memorandum, Approval, Funding, and Exemption from $2 Million Statutory Limit for a Removal Action at the Bauer Tailings Site in Stockton, Tooele County, Utah." Signed August 26. Accessed on-line at: https://response.epa.gov/sites/15313/files/Bauer%20Tailings%20Action%20Memo%20Signed.pdf

EPA. 2022a. On-Scene Coordinator Web Site Description for Bauer Tailing Site. Accessed in April 2022 at: https://response.epa.gov/site/site_profile.aspx?site_id=15313

EPA. 2022b. "Regional Removal Management Levels for Chemicals (RMLs) – Generic Tables." May. https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.

ENCLOSURE 1

SITE FIGURES

(Six pages)

Legend

Site Location

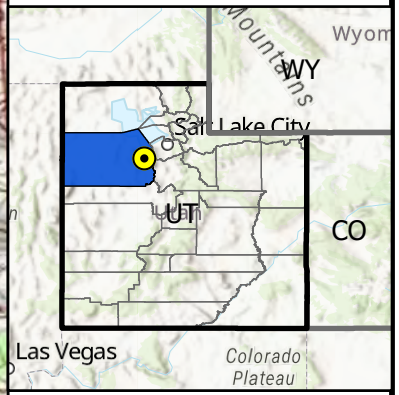
N

0 0.25 0.5 Miles

1 inch = 0.38 miles

Note:
Coordinates provided are the approximate center of site.

Map Source:
ESRI USA Topographic Map



United States Environmental Protection Agency Region 8

FIGURE 1
Site Location

Site: Bauer Tailings Site Reassessment

TD No.: 2083-2112-03

City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 1/4/2022

Analyst: SG

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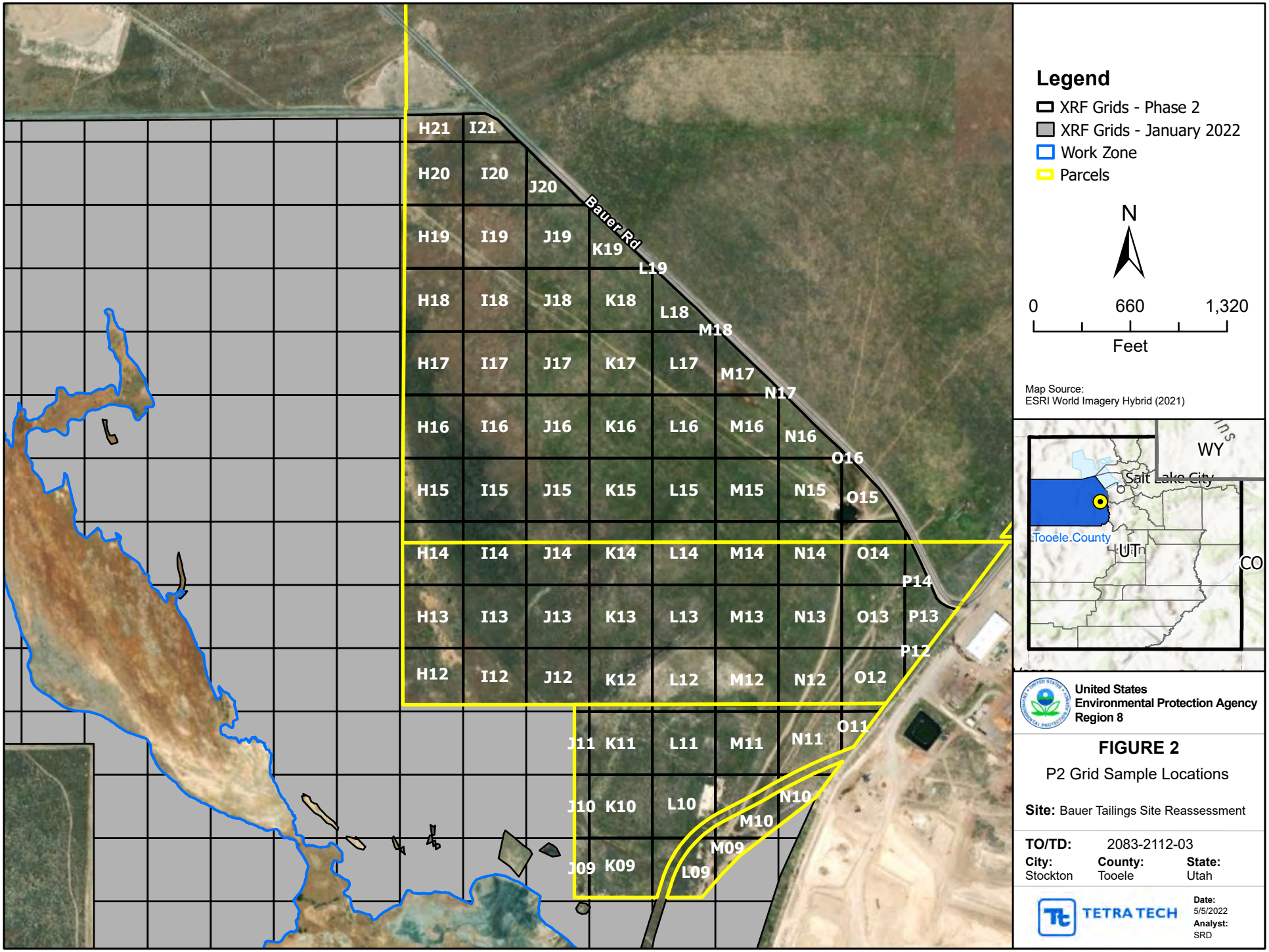

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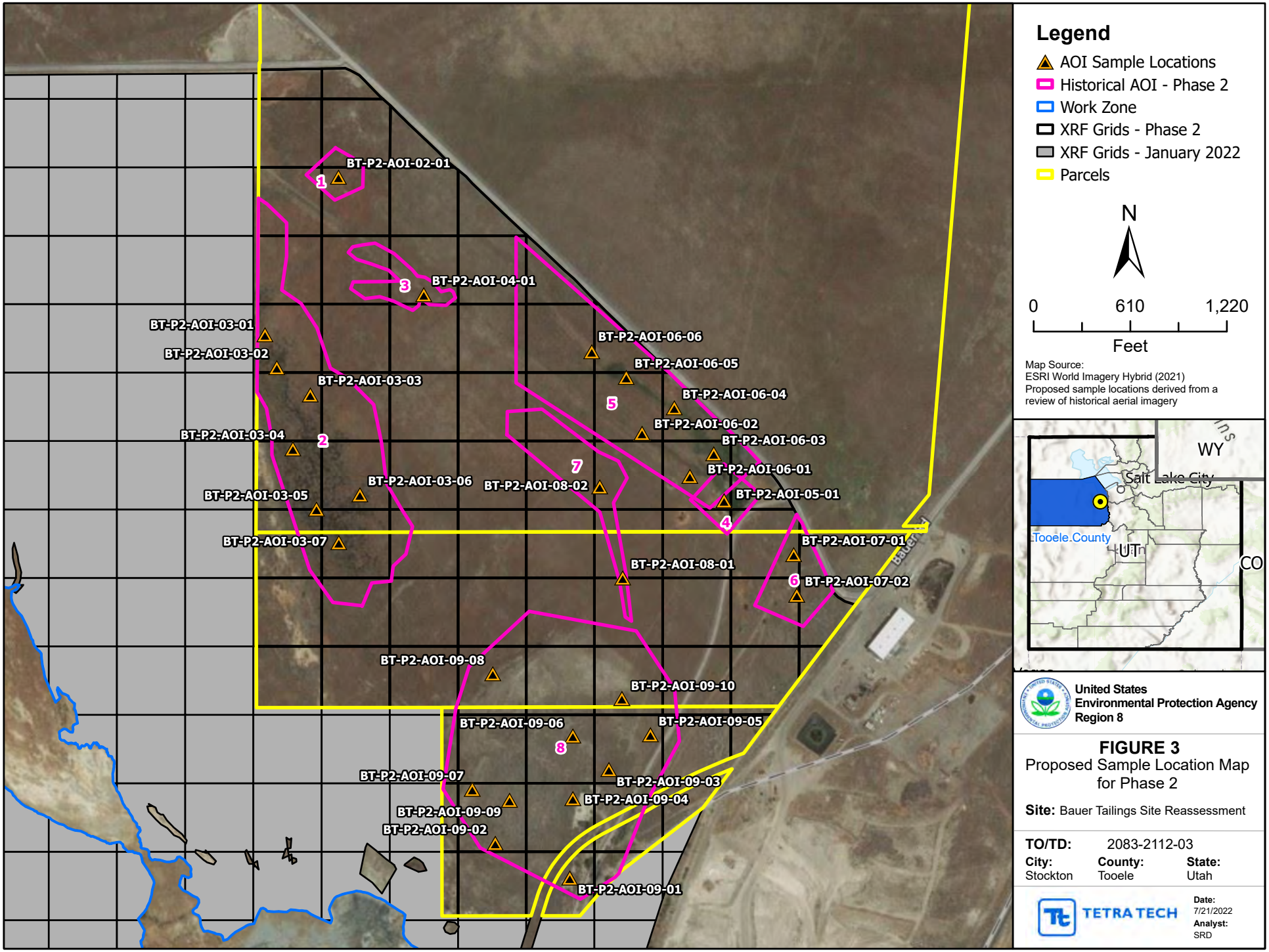
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1
BT-P2-AOI-04-01
3
BT-P2-AOI-03-01
BT-P2-AOI-03-02
BT-P2-AOI-03-03
BT-P2-AOI-03-04
2
BT-P2-AOI-03-05
BT-P2-AOI-03-06
BT-P2-AOI-03-07
BT-P2-AOI-06-06
BT-P2-AOI-06-05
BT-P2-AOI-06-04
5
BT-P2-AOI-06-02
BT-P2-AOI-06-03
BT-P2-AOI-06-01
7
BT-P2-AOI-08-02
BT-P2-AOI-05-01
4
BT-P2-AOI-07-01
BT-P2-AOI-08-01
6
BT-P2-AOI-07-02
BT-P2-AOI-09-08
BT-P2-AOI-09-10
BT-P2-AOI-09-06
BT-P2-AOI-09-05
8
BT-P2-AOI-09-07
BT-P2-AOI-09-03
BT-P2-AOI-09-04
BT-P2-AOI-09-09
BT-P2-AOI-09-02
BT-P2-AOI-09-01
Legend
AOI Sample Locations
Historical AOI - Phase 2
Work Zone
XRF Grids - Phase 2
XRF Grids - January 2022
Parcels
N
0
610
1,220
Feet
Map Source:
ESRI World Imagery Hybrid (2021)
Proposed sample locations derived from a review of historical aerial imagery
WY
Salt Lake City
Tooele County
UT
CO
United States
Environmental Protection Agency
Region 8
FIGURE 3
Proposed Sample Location Map for Phase 2
Site: Bauer Tailings Site Reassessment
TO/TD: 2083-2112-03
City: Stockton
County: Tooele
State: Utah
TETRA TECH
Date: 7/21/2022
Analyst: SRD
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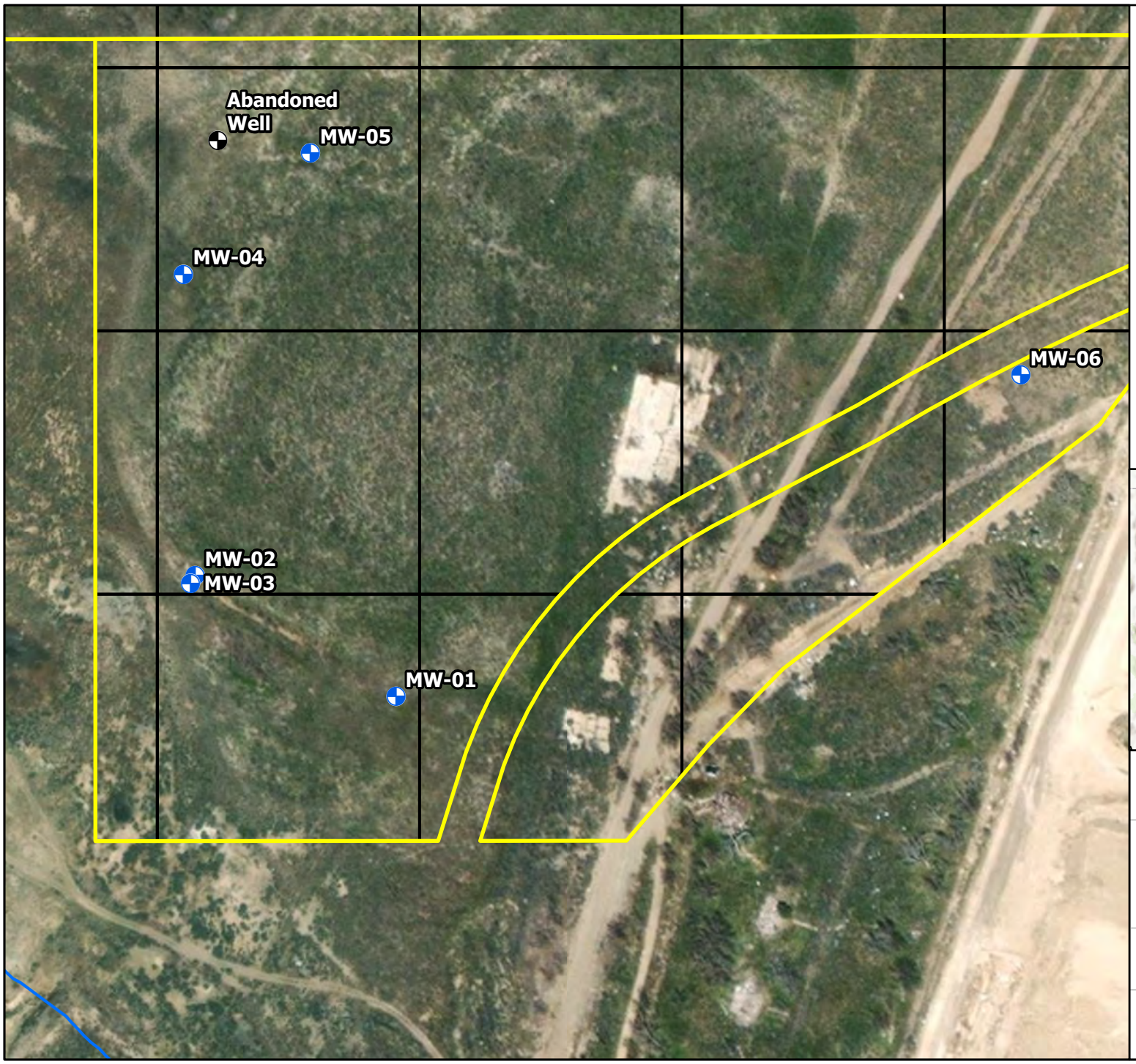


Legend

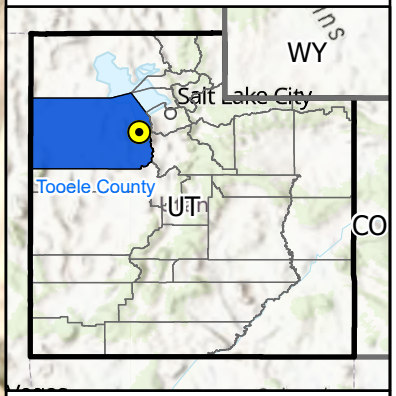
- Work Zone
- Monitoring Well
- Abandoned Well
- Parcel Boundaries
- Grid Cells - Phase 2

N

0 180 360

Feet

Map Source:
ESRI World Imagery Hybrid (2021)



United States Environmental Protection Agency Region 8

FIGURE 4

Monitoring Well Locations

Site: Bauer Tailings Site Reassessment

TO/TD: 2083-2112-03

City:	**County:**	**State:**
Stockton	Tooele	Utah

TETRA TECH

Date: 7/21/2022
Analyst: SRD

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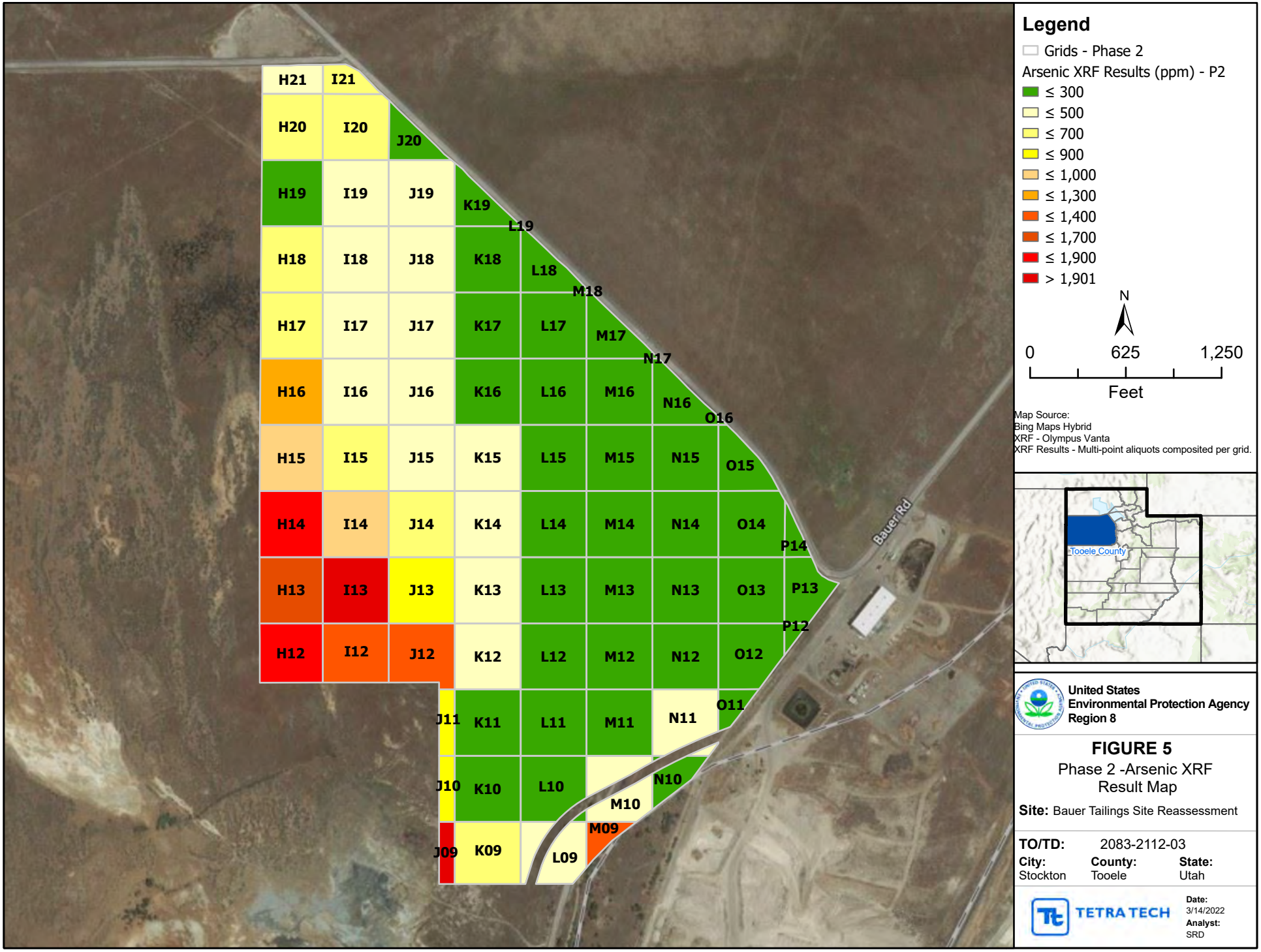

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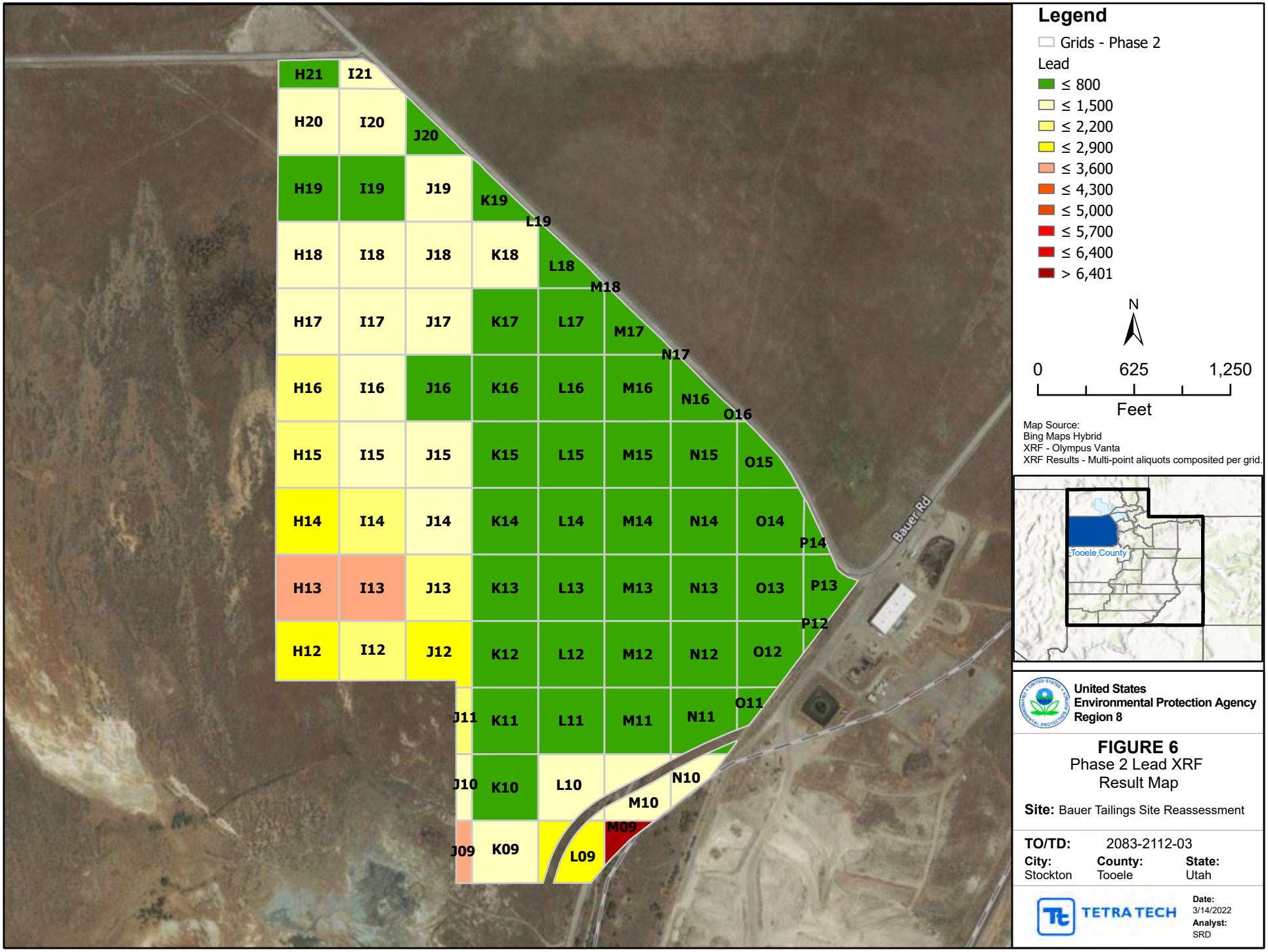

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ENCLOSURE 2

XRF SCREENING RESULTS, FIXED LABORATORY ANALYTICAL RESULTS, MONITORING WELL DATA

(Seven pages)

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
Phase 2 Grid Samples		
BT-GS-H12	**1,832**	**2,828**
BT-GS-H13	**1,692**	**3,338**
BT-GS-H14	**1,769**	**2,255**
BT-GS-H15	**1,092**	**1,825**
BT-GS-H16	**1,150**	**1,920**
BT-GS-H17	**673**	**1,267**
BT-GS-H18	**671**	**1,389**
BT-GS-H19	298	623
BT-GS-H20	**643**	**1,377**
BT-GS-H21	**311**	598
BT-GS-I12	**1,353**	**2,135**
BT-GS-I13	**2,095**	**3,277**
BT-GS-I14	**1,022**	**1,816**
BT-GS-I15	**668**	**1,287**
BT-GS-I16	**496**	**1,045**
BT-GS-I17	**455**	**950**
BT-GS-I18	**410**	**876**
BT-GS-I19	**317**	742
BT-GS-I20	**551**	**1,107**
BT-GS-I21	**563**	**1,066**
BT-GS-J09	**2,234**	**3,511**
BT-GS-J10	**720**	**1,324**
BT-GS-J11	**841**	**1,675**
BT-GS-J12	**1,451**	**2,225**
BT-GS-J13	**887**	**1,697**
BT-GS-J14	**502**	**938**
BT-GS-J15	**481**	**1,053**
BT-GS-J16	**321**	762
BT-GS-J17	**321**	**966**
BT-GS-J18	**342**	**926**
BT-GS-J19	**387**	**986**
BT-GS-J20	258	562
BT-GS-K09	**619**	**1,474**
BT-GS-K10	137	417

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
Phase 2 Grid Samples		
BT-GS-K11	199	630
BT-GS-K12	**438**	785
BT-GS-K13	**348**	626
BT-GS-K14	**355**	657
BT-GS-K15	**313**	594
BT-GS-K16	240	592
BT-GS-K17	260	695
BT-GS-K18	291	**874**
BT-GS-K19	237	660
BT-GS-L09	**341**	**2,800**
BT-GS-L10	185	**1,236**
BT-GS-L11	67	171
BT-GS-L12	77	267
BT-GS-L13	248	480
BT-GS-L14	208	444
BT-GS-L15	202	465
BT-GS-L16	155	453
BT-GS-L17	173	638
BT-GS-L18	140	535
BT-GS-L19	163	521
BT-GS-M09	**1,357**	**6,652**
BT-GS-M10	**329**	**950**
BT-GS-M11	61	254
BT-GS-M12	139	348
BT-GS-M13	163	319
BT-GS-M14	140	314
BT-GS-M15	167	407
BT-GS-M16	125	445
BT-GS-M17	160	471
BT-GS-M18	118	355
BT-GS-N10	257	**984**
BT-GS-N11	**372**	695
BT-GS-N12	167	660
BT-GS-N13	108	384

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
Phase 2 Grid Samples		
BT-GS-N14	98	362
BT-GS-N15	97	462
BT-GS-N16	93	385
BT-GS-N17	96	355
BT-GS-O11	38	226
BT-GS-O12	27	116
BT-GS-O13	268	741
BT-GS-O14	99	552
BT-GS-O15	70	258
BT-GS-O16	40	185
BT-GS-P12	21	171
BT-GS-P13	70	363
BT-GS-P14	95	594

Notes:

Bolded results indicate concentrations above the EPA industrial soil RML of 300 ppm for Arsenic and 800 ppm for Lead

BT Bauer Tailings

EPA United States Environmental Protection Agency

GS Grid Sample

ppm Parts per million

RML Removal Management Level

XRF X-ray Fluorescence

Table 2 - Validated Grid Fixed Labratory Results Summary

Target Analyte List (TAL) Metals	EPA Industrial RML	Sample Concentration by Location									
		BT-GS-I16	BT-GS-I18	BT-GS-I20	BT-GS-I21	BT-GS-J10	BT-GS-J11	BT-GS-J15	BT-GS-J15-DUP	BT-GS-K12	BT-GS-K14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Aluminum	3,400,000	7,900	6,800	3,400	3,400	5,200	4,900	4,600	4,800	4,900	5,200
Antimony	1,400	2.6	2.3	3.2	2.4	4.1	4.3	2.7	2.4	1.3	2.2
Arsenic	300	**470**	**380**	**620**	**470**	**790**	**870**	**660**	**600**	**320**	**400**
Barium	650,000	130	110	59	63	84	76	97	110	150	100
Beryllium	6,900	0.6	0.49	0.28	0.26	0.41	0.4	0.36	0.4	0.4	0.4
Cadmium	2,900	9.2	6.8	10	8.6	10	11	11	9.7	4.5	6.1
Calcium	--	15,000	15,000	20,000	11,000	20,000	18,000	8,000	8,800	34,000	33,000
Chromium	--	13	11	6.5	6.5	9.1	9.1	8	8.7	8.1	8.3
Cobalt	1,000	5.6	4.7	2.9	2.8	4.1	4	3.3	3.5	3.4	3.5
Copper	140,000	64	49	63	60	92	87	61	60	39	44
Iron	2,500,000	20,000	16,000	16,000	15,000	22,000	26,000	18,000	18,000	12,000	15,000
Lead	800	**990**	780	**1,100**	**890**	**1,300**	**1,600**	**1,200**	**1,100**	630	760
Magnesium	--	6,800	6,000	5,100	3,700	4,800	4,800	3,800	4,100	4,500	4,400
Manganese	77,000	1,400	1,100	1,200	1,100	1,000	1,200	1,400	1,300	630	770
Mercury	140	0.095 J	0.067 J	0.092 J	0.063 J	0.083 J	0.14 J	0.098 J	0.097 J	0.053 J	0.059 J
Nickel	67,000	14	11	6.9	6.7	11	10	8.5	9.3	9.5	9.6
Potassium	--	3,800	3,100	1,300	1,400	2,300	2,300	2,400	2,700	2,000	2,300
Selenium	18,000	1.7	1.1	1.1 J	0.89 J	1.3	1.4	1.5	1.5	1.2	1.1 J
Silver	18,000	5.4	3.9	5.6	4.7	6.2	7.5	5.7	5.3	2.7	3.3
Sodium	--	160	110	61 J	53 J	110 J	97 J	510	470	480	270
Thallium	35	1.8	2	2.7	2.1	2	2.8	1.9	2.1	0.54	1.2
Vanadium	17,000	13	11	7.3	6.9	9.6	9.5	8.8	9.1	8.9	9.7
Zinc	1,100,000	1,200	870	1,300	1,000	1,400	1,500	1,400	1,300	670	830

Notes:
Bolded results indicate concentrations above the EPA industrial soil RML (TR=1E-04, HQ=3)
BT Bauer Tailings
DUP Field duplicate sample
EPA United States Environmental Protection Agency
GS Grid Sample
J Concentration is estimated
mg/kg Milligrams per kilogram
RML Removal Management Level

Table 3 - Validated AOI Fixed Labratory Results Summary

Semi-Volatile Organic Compound (SVOC)	EPA Industrial RML	Sample Concentration by Location																					
		BT-P2-AOI-02-01	BT-P2-AOI-03-01	BT-P2-AOI-03-02	BT-P2-AOI-03-03	BT-P2-AOI-03-04	BT-P2-AOI-03-04-DUP	BT-P2-AOI-03-05	BT-P2-AOI-03-06	BT-P2-AOI-03-07	BT-P2-AOI-04-01	BT-P2-AOI-04-01-DUP	BT-P2-AOI-05-01	BT-P2-AOI-06-01	BT-P2-AOI-06-02	BT-P2-AOI-06-03	BT-P2-AOI-06-04	BT-P2-AOI-06-05	BT-P2-AOI-06-06	BT-P2-AOI-07-01	BT-P2-AOI-07-02	BT-P2-AOI-08-01	BT-P2-AOI-08-02
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
1-Methylnaphthalene	160,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,2'-oxybis[1-chloropropane]	140,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4,5-Trichlorophenol	250,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4,6-Trichlorophenol	2,500	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4-Dichlorophenol	7,400	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4-Dimethylphenol	49,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4-Dinitrophenol	4,900	1.6 UJ	8.3 UJ	8.4 UJ	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
2,4-Dinitrotoluene	740	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,6-Dinitrotoluene	150	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Chloronaphthalene	180,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Chlorophenol	18,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Methylnaphthalene	9,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Methylphenol	120,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Nitroaniline	24,000	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
2-Nitrophenol	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
3,3'-Dichlorobenzidine	510	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 UJ	21 UJ	22 UJ	4 UJ	3.8 UJ	2.5 UJ	2.6 UJ	2.7 UJ	3 UJ	2.4 UJ	3.1 UJ	3.8 UJ	3.3 UJ	2.8 UJ	2.3 UJ	2.3 UJ	2.3 UJ	2.6 UJ
3-Nitroaniline	--	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
4,6-Dinitro-2-methylphenol	200	3.2 UJ	17 UJ	17 UJ	16 UJ	80 U	82 U	89 U	16 UJ	15 UJ	10 U	10 U	11 U	12 U	9.6 U	12 U	15 U	13 U	11 U	9.3 U	9.4 U	9.1 U	10 U
4-Bromophenyl phenyl ether	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
4-Chloro-3-methylphenol	250,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
4-Chloroaniline	1,100	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 UJ	21 UJ	22 UJ	4 UJ	3.8 UJ	2.5 UJ	2.6 UJ	2.7 UJ	3 UJ	2.4 UJ	3.1 UJ	3.8 UJ	3.3 UJ	2.8 UJ	2.3 UJ	2.3 UJ	2.3 UJ	2.6 UJ
4-Chlorophenyl phenyl ether	--	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
4-Nitroaniline	9,800	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
4-Nitrophenol	--	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
Acenaphthene	140,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Acenaphthylene	--	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Anthracene	680,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[a]anthracene	2,100	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[a]pyrene	670	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[b]fluoranthene	2,100	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[g,h,i]perylene	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[k]fluoranthene	21,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Bis(2-chloroethoxy)methane	7,400	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Bis(2-chloroethyl)ether	100	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Bis(2-ethylhexyl) phthalate	16,000	1.2 UJ	6.2 U	6.3 U	6.2 UJ	30 U	31 U	33 U	6 UJ	5.7 UJ	3.8 U	3.9 U	4 U	4.4 U	3.6 U	4.6 U	5.7 U	5 U	4.2 U	3.5 U	3.5 U	3.4 U	3.8 U
Butyl benzyl phthalate	120,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Carbazole	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Chrysene	210,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Dibenz(a,h)anthracene	210	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Dibenzofuran	3,500	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Diethyl phthalate	2,000,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Dimethyl phthalate	--	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Di-n-butyl phthalate	250,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Di-n-octyl phthalate	25,000	1.2 UJ	6.2 U	6.3 U	6.2 UJ	30 U	31 U	33 U	6 UJ	5.7 UJ	3.8 U	3.9 U	4 U	4.4 U	3.6 U	4.6 U	5.7 U	5 U	4.2 U	3.5 U	3.5 U	3.4 U	3.8 U
Fluoranthene	90,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Fluorene	90,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachlorobenzene	96	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachlorobutadiene	530	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachlorocyclopentadiene	22	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachloroethane	800	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Indeno[1,2,3-cd]pyrene	2,100	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Isophorone	240,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Naphthalene	860	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Nitrobenzene	2,200	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
N-Nitrosodi-n-propylamine	33	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	0.51 J	2.3 U	2.3 U	2.6 U
N-Nitrosodiphenylamine	47,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Pentachlorophenol	400	3.2 UJ	17 U	17 U	16 UJ	80 U	82 U	89 U	16 UJ	15 UJ	10 U	10 U	11 U	12 U	9.6 U	12 U	15 U	13 U	11 U	9.3 U	9.4 U	9.1 U	10 U
Phenanthrene	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Phenol	740,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Pyrene	68,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U

Notes:

Bolded results indicate concentrations above the EPA industrial soil RML (TR=1E-04, HQ=3)

BT Bauer Tailings

DUP Field duplicate sample

EPA United States Environmental Protection Agency

GS Grid Sample

J Concentration is estimated

J- Concentration is estimated, biased low

mg/kg Milligrams per kilogram

RML Removal Management Level

U Analyte was not detected

UJ Analyte was not detected due to deficiencies in one or more quality control criteria

Table 3 - Validated AOI Fixed Labratory Results Summary

Semi-Volatile Organic Compound (SVOC)	EPA Industrial RML	BT-P2-AOI-09-01	BT-P2-AOI-09-02	BT-P2-AOI-09-03	BT-P2-AOI-09-04	BT-P2-AOI-09-05	BT-P2-AOI-09-06	BT-P2-AOI-09-06-DUP	BT-P2-AOI-09-07	BT-P2-AOI-09-08	BT-P2-AOI-09-09	BT-PS-AOI-09-10
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
1-Methylnaphthalene	160,000	0.79 UJ	3.7 J-	3.9 UJ	2.6 J-	2.2 U	5.3	7.7	2.3 U	0.74 UJ	0.34 J-	0.74 UJ
2,2'-oxybis[1-chloropropane]	140,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4,5-Trichlorophenol	250,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4,6-Trichlorophenol	2,500	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
2,4-Dichlorophenol	7,400	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4-Dimethylphenol	49,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4-Dinitrophenol	4,900	1.6 UJ	7.3 UJ	7.8 UJ	7.9 UJ	4.4 U	4.5 U	9.2 U	4.7 U	1.5 UJ	1.6 UJ	1.5 UJ
2,4-Dinitrotoluene	740	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,6-Dinitrotoluene	150	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
2-Chloronaphthalene	180,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
2-Chlorophenol	18,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2-Methylnaphthalene	9,000	0.79 UJ	2.6 J-	3.9 UJ	1.7 J-	2.2 U	2.2 U	5.4	2.3 U	0.74 UJ	0.24 J-	0.74 UJ
2-Methylphenol	120,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2-Nitroaniline	24,000	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 U	1.5 U	1.6 UJ	1.5 U
2-Nitrophenol	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
3,3'-Dichlorobenzidine	510	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 UJ	2.2 UJ	4.6 UJ	2.3 UJ	0.74 UJ	0.78 UJ	0.74 UJ
3-Nitroaniline	--	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 UJ	1.5 U	1.6 UJ	1.5 U
4,6-Dinitro-2-methylphenol	200	3.2 UJ	15 UJ	16 UJ	16 UJ	8.8 U	8.9 U	18 U	9.3 U	3 UJ	3.1 UJ	3 UJ
4-Bromophenyl phenyl ether	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
4-Chloro-3-methylphenol	250,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
4-Chloroaniline	1,100	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 UJ	2.2 UJ	4.6 UJ	2.3 UJ	0.74 UJ	0.78 UJ	0.74 UJ
4-Chlorophenyl phenyl ether	--	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
4-Nitroaniline	9,800	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 UJ	1.5 U	1.6 UJ	1.5 U
4-Nitrophenol	--	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 U	1.5 U	1.6 UJ	1.5 U
Acenaphthene	140,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Acenaphthylene	--	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Anthracene	680,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[a]anthracene	2,100	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Benzo[a]pyrene	670	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[b]fluoranthene	2,100	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[g,h,i]perylene	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[k]fluoranthene	21,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Bis(2-chloroethoxy)methane	7,400	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Bis(2-chloroethyl)ether	100	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Bis(2-ethylhexyl) phthalate	16,000	1.2 U	5.5 U	5.8 U	5.9 U	3.3 U	3.4 U	6.9 U	3.5 U	1.1 U	1.2 UJ	1.1 U
Butyl benzyl phthalate	120,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Carbazole	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Chrysene	210,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	1.5 J	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Dibenz(a,h)anthracene	210	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Dibenzofuran	3,500	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	2.4 J	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Diethyl phthalate	2,000,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Dimethyl phthalate	--	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Di-n-butyl phthalate	250,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Di-n-octyl phthalate	25,000	1.2 U	5.5 U	5.8 U	5.9 U	3.3 U	3.4 U	6.9 U	3.5 U	1.1 U	1.2 UJ	1.1 U
Fluoranthene	90,000	0.79 U	1.2 J	3.9 U	3.9 U	2.2 U	1.4 J	2.1 J	2.3 U	0.74 U	0.78 UJ	0.74 U
Fluorene	90,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Hexachlorobenzene	96	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Hexachlorobutadiene	530	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 UJ	0.74 UJ	0.78 UJ	0.74 UJ
Hexachlorocyclopentadiene	22	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Hexachloroethane	800	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Indeno[1,2,3-cd]pyrene	2,100	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Isophorone	240,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Naphthalene	860	0.79 UJ	1.2 J-	3.9 UJ	3.9 UJ	2.2 U	2.2 U	2.5 J	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Nitrobenzene	2,200	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
N-Nitrosodi-n-propylamine	33	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
N-Nitrosodiphenylamine	47,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Pentachlorophenol	400	3.2 U	15 U	16 U	16 U	8.8 U	8.9 U	18 U	9.3 U	3 U	3.1 UJ	3 U
Phenanthrene	--	0.79 U	1.9 J	3.9 U	1.4 J	2.2 U	2.2 U	4.2 J	2.3 U	0.74 U	0.78 UJ	0.74 U
Phenol	740,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Pyrene	68,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	1.6 J	2.3 U	0.74 U	0.78 UJ	0.74 U

Notes:
Bolded results indicate concentrations above the EPA
BT Bauer Tailings
DUP Field duplicate sample
EPA United States Environmental Protection Age
GS Grid Sample
J Concentration is estimated
J- Concentration is estimated, biased low
mg/kg Milligrams per kilogram
RML Removal Management Level
U Analyte was not detected
UJ Analyte was not detected due to deficiencies

Table 4 - Monitoring Well Data

Monitoring Well ID	Depth to Water (feet)	Total Well Depth (feet)	GPS Coordinates
MW-01	Dry	**	40.47463, -112.36292
MW-02	Dry	85.2	40.475044, -112.363823
MW-03	Dry	**	40.475017, -112.363844
MW-04	Dry	**	40.476074, -112.363876
MW-05	Dry	97.2	40.476489, -112.363305
MW-06	104.90	> 151.5	40.47573, -112.360112
Abandoned Well	118.72	> 151.5	40.476532, -112.363721

Notes:

** Obstruction within well, prohibiting accurate total well depth

GPS Global Positioning System

ID Identification

MW Monitoring well

ENCLOSURE 3

LABORATORY ANALYTICAL PACKAGE AND DATA VALIDATION REPORT

(665 Pages)

Wednesday, March 16, 2022

Kathleen Knox
Tetra Tech
1560 Broadway
Denver, CO 80202

Re: ALS Workorder: 2203068
Project Name: Bauer Tailings Reassessment
Project Number: 103X903520F0071211202

Dear Ms. Knox:

Ten soil samples were received from Tetra Tech, on 3/3/2022. The samples were scheduled for the following analysis:

Metals	pages 1-134

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
Arizona	AZ0828
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
Oklahoma	1301
PJLA (DoD ELAP/ISO 170250)	95377
PJLA (DOE-AP/ISO 17025)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280
Virginia	460305

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2203068
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Reassessment
Client Project Number: 103X903520F0071211202
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-GS-J10	2203068-1		SOIL	22-Feb-22	9:09
BT-GS-J11	2203068-2		SOIL	22-Feb-22	9:19
BT-GS-K12	2203068-3		SOIL	22-Feb-22	14:23
BT-GS-K14	2203068-4		SOIL	22-Feb-22	13:31
BT-GS-I18	2203068-5		SOIL	22-Feb-22	15:48
BT-GS-I21	2203068-6		SOIL	22-Feb-22	14:24
BT-GS-I16	2203068-7		SOIL	22-Feb-22	13:00
BT-GS-I20	2203068-8		SOIL	22-Feb-22	14:30
BT-GS-J15	2203068-9		SOIL	22-Feb-22	11:45
BT-GS-J15-DUP	2203068-10		SOIL	22-Feb-22	11:46

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #: 2203068

PROJECT NAME	Bauer Tailing Reas.	SAMPLER	TL START	DATE	3/3/22	PAGE	1 of 1
PROJECT No.	2083-2112-03	SITE ID	2083-2112-03	TURNAROUND	Standard	DISPOSAL	By Lab or Return to Client
		EDD FORMAT					
		PURCHASE ORDER					
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech				
SEND REPORT TO	Kathleen Knox	INVOICE ATTN TO	Bruce Welch				
ADDRESS	1560 Broadway	ADDRESS					
CITY / STATE / ZIP	Denver CO 80202	CITY / STATE / ZIP					
PHONE	815 861 8579	PHONE	708-262-3578				
FAX		FAX					
E-MAIL	Kathleen.Knox@tetratech.com	E-MAIL	Bruce.Welch@tetratech.com				

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TAL metal	Mercury
1	BT-GS-J10	Soil	2/22/22	909	2			✓	✓
2	BT-GS-J11			919					
3	BT-GS-K12			1423					
4	BT-GS-K14			1331					
5	BT-GS-I18			1548					
6	BT-GS-I21			1424					
7	BT-GS-I16			1300					
8	BT-GS-I20			1430					
9	BT-GS-J15			1145					
10	BT-GS-J15-DUP	↓	↓	1146	↓			↓	↓

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)	
6.9 C	✓	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Sarah Komma	Sarah Komma	3-3-22	1638
RECEIVED BY	Claire Thennes	Claire Thennes	3-3-22	1638
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2203068

Project Manager: KMO Initials: AXK Date: 03/03/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?	X		
	Tracking number:			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?			
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY		X

Cooler #:	1						
Temperature (°C):	6.9						
# of custody seals on cooler:	0						
External µR/hr reading:	-						
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? NA (If no, see Form 008.)

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: AK

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/08/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

Metals

Case Narrative

Tetra Tech

Bauer Tailings Reassessment -- 103X903520F0071211202

Work Order Number: 2203068

1. This report consists of 10 soil samples.

2. The samples were received cool and intact by ALS on 03/03/22.

3. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by ICP-MS, the soil samples were digested following method 3050B and SOP 806 Rev. 15.

   For analysis by Cold Vapor AA (CVAA), the soil samples were digested following method 7471B and the current revision of SOP 812.

4. Analysis by ICP-MS followed method 6020B and the current revision of SOP 827.

   Soil analysis by CVAA followed method 7471B and the current revision of SOP 812.

5. All standards and solutions are NIST traceable and were used within their recommended shelf life.

6. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

7. General quality control procedures.

   - A preparation (method) blank, laboratory control sample and laboratory control sample duplicate were digested and analyzed with the samples in each applicable digestion batch.
   - The preparation (method) blank associated with each digestion batch was below the reporting limit for the requested analytes.

- All laboratory control sample criteria were met.
- All initial and continuing calibration blanks were below the reporting limit for the requested analytes.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes.
- The interference check samples associated with Method 6020B were analyzed.

8. Matrix specific quality control procedures.

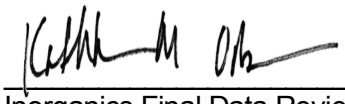
   Sample 2203068-1 was designated as the quality control sample for the mercury analysis. Due to limited sample volume, a laboratory control sample duplicate (LCSD) was performed in place of matrix QC for the ICPMS analysis.

   Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

   - A matrix spike was digested and analyzed with the mercury batch. All acceptance criteria for accuracy and precision were met.

9. It is a standard practice that samples for ICP-MS are analyzed at a dilution. The samples were further diluted in order to bring lead into the analytical range of the instrument.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.



Inorganics Final Data Reviewer

3/16/22

Date

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A "J" is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a "U" is entered. For samples, negative values are reported as non-detects ("U" flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is "J" flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.

Chain of Custody

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2203068
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Reassessment
Client Project Number: 103X903520F0071211202
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-GS-J10	2203068-1		SOIL	22-Feb-22	9:09
BT-GS-J11	2203068-2		SOIL	22-Feb-22	9:19
BT-GS-K12	2203068-3		SOIL	22-Feb-22	14:23
BT-GS-K14	2203068-4		SOIL	22-Feb-22	13:31
BT-GS-I18	2203068-5		SOIL	22-Feb-22	15:48
BT-GS-I21	2203068-6		SOIL	22-Feb-22	14:24
BT-GS-I16	2203068-7		SOIL	22-Feb-22	13:00
BT-GS-I20	2203068-8		SOIL	22-Feb-22	14:30
BT-GS-J15	2203068-9		SOIL	22-Feb-22	11:45
BT-GS-J15-DUP	2203068-10		SOIL	22-Feb-22	11:46

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #: 2203068

PROJECT NAME	Bauer Tailing Reas.	SAMPLER	TL START	DATE	3/3/22
PROJECT No.	2083-2112-03	SITE ID	2083-2112-03	TURNAROUND	Standard
		EDD FORMAT		PAGE	1 of 1
		PURCHASE ORDER		DISPOSAL	(By Lab) or Return to Client
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech		
SEND REPORT TO	Kathleen Knox	INVOICE ATTN TO	Bruce Welch		
ADDRESS	1560 Broadway	ADDRESS			
CITY / STATE / ZIP	Denver CO 80202	CITY / STATE / ZIP			
PHONE	815 861 8579	PHONE	708-262-3578		
FAX		FAX			
E-MAIL	Kathleen.Knox@tetratech.com	E-MAIL	Bruce.Welch@tetratech.com		

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TAL metals	Mercury
1	BT-GS-J10	Soil	2/22/22	909	2				
2	BT-GS-J11			919					
3	BT-GS-K12			1423					
4	BT-GS-K14			1331					
5	BT-GS-I18			1548					
6	BT-GS-I21			1424					
7	BT-GS-I16			1300					
8	BT-GS-I20			1430					
9	BT-GS-J15			1145					
10	BT-GS-J15-DUP			1146					

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	6.9 °

QC PACKAGE (check below)	
✓	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Sarah Komma	Sarah Komma	3-3-22	1638
RECEIVED BY	Claire Thennes	Claire Thennes	3-3-22	1638
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2203068

Project Manager: KMO Initials: AXK Date: 03/03/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?	X		
	Tracking number:			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?			
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY		X

Cooler #:	1						
Temperature (°C):	6.9						
# of custody seals on cooler:	0						
External µR/hr reading:	-						
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? NA (If no, see Form 008.)

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: AK

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/08/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

Sample Results

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J10
Lab ID: 2203068-1

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 10.6
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 014SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5200		17	7.2
7440-36-0	ANTIMONY	10	4.1		0.11	0.02
7440-38-2	ARSENIC	10	790		0.22	0.054
7440-39-3	BARIUM	10	84		0.55	0.25
7440-41-7	BERYLLIUM	10	0.41		0.055	0.0055
7440-43-9	CADMIUM	10	10		0.22	0.024
7440-70-2	CALCIUM	10	20000		110	19
7440-47-3	CHROMIUM	10	9.1		1.1	0.61
7440-48-4	COBALT	10	4.1		0.55	0.035
7440-50-8	COPPER	10	92		2.2	0.32
7439-89-6	IRON	10	22000		22	12
7439-92-1	LEAD	100	1300		2.2	0.73
7439-95-4	MAGNESIUM	10	4800		11	3.7
7439-96-5	MANGANESE	10	1000		0.83	0.42
7440-02-0	NICKEL	10	11		2.2	0.49
7440-09-7	POTASSIUM	10	2300		110	17
7782-49-2	SELENIUM	10	1.3		1.1	0.22
7440-22-4	SILVER	10	6.2		0.055	0.0092
7440-23-5	SODIUM	10	110	J	110	17
7440-28-0	THALLIUM	10	2		0.011	0.0028
7440-62-2	VANADIUM	10	9.6		0.55	0.14
7440-66-6	ZINC	10	1400		11	4.5

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J11
Lab ID: 2203068-2

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 016SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4900		17	7.5
7440-36-0	ANTIMONY	10	4.3		0.11	0.021
7440-38-2	ARSENIC	10	870		0.23	0.056
7440-39-3	BARIUM	10	76		0.57	0.26
7440-41-7	BERYLLIUM	10	0.4		0.057	0.0057
7440-43-9	CADMIUM	10	11		0.23	0.025
7440-70-2	CALCIUM	10	18000		110	20
7440-47-3	CHROMIUM	10	9.1		1.1	0.63
7440-48-4	COBALT	10	4		0.57	0.037
7440-50-8	COPPER	10	87		2.3	0.33
7439-89-6	IRON	10	26000		23	13
7439-92-1	LEAD	100	1600		2.3	0.76
7439-95-4	MAGNESIUM	10	4800		11	3.8
7439-96-5	MANGANESE	10	1200		0.86	0.44
7440-02-0	NICKEL	10	10		2.3	0.5
7440-09-7	POTASSIUM	10	2300		110	17
7782-49-2	SELENIUM	10	1.4		1.1	0.23
7440-22-4	SILVER	10	7.5		0.057	0.0095
7440-23-5	SODIUM	10	97	J	110	17
7440-28-0	THALLIUM	10	2.8		0.011	0.0029
7440-62-2	VANADIUM	10	9.5		0.57	0.15
7440-66-6	ZINC	10	1500		11	4.7

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-K12
Lab ID: 2203068-3

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 0.4
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 018SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4900		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.018
7440-38-2	ARSENIC	10	320		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	0.4		0.05	0.005
7440-43-9	CADMIUM	10	4.5		0.2	0.022
7440-70-2	CALCIUM	10	34000		100	17
7440-47-3	CHROMIUM	10	8.1		1	0.55
7440-48-4	COBALT	10	3.4		0.5	0.032
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	12000		20	11
7439-92-1	LEAD	100	630		2	0.66
7439-95-4	MAGNESIUM	10	4500		10	3.3
7439-96-5	MANGANESE	10	630		0.75	0.38
7440-02-0	NICKEL	10	9.5		2	0.44
7440-09-7	POTASSIUM	10	2000		100	15
7782-49-2	SELENIUM	10	1.2		1	0.2
7440-22-4	SILVER	10	2.7		0.05	0.0083
7440-23-5	SODIUM	10	480		100	15
7440-28-0	THALLIUM	10	0.54		0.01	0.0025
7440-62-2	VANADIUM	10	8.9		0.5	0.13
7440-66-6	ZINC	10	670		10	4.1

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-K14
Lab ID: 2203068-4

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 15.7
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 022SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5200		18	7.7
7440-36-0	ANTIMONY	10	2.2		0.12	0.021
7440-38-2	ARSENIC	10	400		0.24	0.058
7440-39-3	BARIUM	10	100		0.59	0.27
7440-41-7	BERYLLIUM	10	0.4		0.059	0.0059
7440-43-9	CADMIUM	10	6.1		0.24	0.026
7440-70-2	CALCIUM	10	33000		120	20
7440-47-3	CHROMIUM	10	8.3		1.2	0.65
7440-48-4	COBALT	10	3.5		0.59	0.038
7440-50-8	COPPER	10	44		2.4	0.34
7439-89-6	IRON	10	15000		24	13
7439-92-1	LEAD	100	760		2.4	0.78
7439-95-4	MAGNESIUM	10	4400		12	3.9
7439-96-5	MANGANESE	10	770		0.89	0.45
7440-02-0	NICKEL	10	9.6		2.4	0.52
7440-09-7	POTASSIUM	10	2300		120	18
7782-49-2	SELENIUM	10	1.1	J	1.2	0.24
7440-22-4	SILVER	10	3.3		0.059	0.0098
7440-23-5	SODIUM	10	270		120	18
7440-28-0	THALLIUM	10	1.2		0.012	0.003
7440-62-2	VANADIUM	10	9.7		0.59	0.15
7440-66-6	ZINC	10	830		12	4.8

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I18
Lab ID: 2203068-5

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 024SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.6
7440-36-0	ANTIMONY	10	2.3		0.1	0.018
7440-38-2	ARSENIC	10	380		0.2	0.05
7440-39-3	BARIUM	10	110		0.51	0.23
7440-41-7	BERYLLIUM	10	0.49		0.051	0.0051
7440-43-9	CADMIUM	10	6.8		0.2	0.022
7440-70-2	CALCIUM	10	15000		100	17
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	4.7		0.51	0.032
7440-50-8	COPPER	10	49		2	0.29
7439-89-6	IRON	10	16000		20	11
7439-92-1	LEAD	100	780		2	0.67
7439-95-4	MAGNESIUM	10	6000		10	3.3
7439-96-5	MANGANESE	10	1100		0.76	0.38
7440-02-0	NICKEL	10	11		2	0.45
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	1.1		1	0.2
7440-22-4	SILVER	10	3.9		0.051	0.0084
7440-23-5	SODIUM	10	110		100	15
7440-28-0	THALLIUM	10	2		0.01	0.0025
7440-62-2	VANADIUM	10	11		0.51	0.13
7440-66-6	ZINC	10	870		10	4.2

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I21
Lab ID: 2203068-6

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 026SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3400		15	6.5
7440-36-0	ANTIMONY	10	2.4		0.1	0.018
7440-38-2	ARSENIC	10	470		0.2	0.049
7440-39-3	BARIUM	10	63		0.5	0.23
7440-41-7	BERYLLIUM	10	0.26		0.05	0.005
7440-43-9	CADMIUM	10	8.6		0.2	0.022
7440-70-2	CALCIUM	10	11000		100	17
7440-47-3	CHROMIUM	10	6.5		1	0.55
7440-48-4	COBALT	10	2.8		0.5	0.032
7440-50-8	COPPER	10	60		2	0.29
7439-89-6	IRON	10	15000		20	11
7439-92-1	LEAD	100	890		2	0.66
7439-95-4	MAGNESIUM	10	3700		10	3.3
7439-96-5	MANGANESE	10	1100		0.75	0.38
7440-02-0	NICKEL	10	6.7		2	0.44
7440-09-7	POTASSIUM	10	1400		100	15
7782-49-2	SELENIUM	10	0.89	J	1	0.2
7440-22-4	SILVER	10	4.7		0.05	0.0083
7440-23-5	SODIUM	10	53	J	100	15
7440-28-0	THALLIUM	10	2.1		0.01	0.0025
7440-62-2	VANADIUM	10	6.9		0.5	0.13
7440-66-6	ZINC	10	1000		10	4.1

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I16
Lab ID: 2203068-7

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 028SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		17	7.4
7440-36-0	ANTIMONY	10	2.6		0.11	0.021
7440-38-2	ARSENIC	10	470		0.23	0.056
7440-39-3	BARIUM	10	130		0.57	0.26
7440-41-7	BERYLLIUM	10	0.6		0.057	0.0057
7440-43-9	CADMIUM	10	9.2		0.23	0.025
7440-70-2	CALCIUM	10	15000		110	19
7440-47-3	CHROMIUM	10	13		1.1	0.63
7440-48-4	COBALT	10	5.6		0.57	0.037
7440-50-8	COPPER	10	64		2.3	0.33
7439-89-6	IRON	10	20000		23	13
7439-92-1	LEAD	100	990		2.3	0.75
7439-95-4	MAGNESIUM	10	6800		11	3.8
7439-96-5	MANGANESE	10	1400		0.86	0.43
7440-02-0	NICKEL	10	14		2.3	0.5
7440-09-7	POTASSIUM	10	3800		110	17
7782-49-2	SELENIUM	10	1.7		1.1	0.23
7440-22-4	SILVER	10	5.4		0.057	0.0095
7440-23-5	SODIUM	10	160		110	17
7440-28-0	THALLIUM	10	1.8		0.011	0.0029
7440-62-2	VANADIUM	10	13		0.57	0.15
7440-66-6	ZINC	10	1200		11	4.7

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I20
Lab ID: 2203068-8

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 11.4
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 030SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3400		17	7.3
7440-36-0	ANTIMONY	10	3.2		0.11	0.02
7440-38-2	ARSENIC	10	620		0.22	0.055
7440-39-3	BARIUM	10	59		0.56	0.26
7440-41-7	BERYLLIUM	10	0.28		0.056	0.0056
7440-43-9	CADMIUM	10	10		0.22	0.025
7440-70-2	CALCIUM	10	20000		110	19
7440-47-3	CHROMIUM	10	6.5		1.1	0.62
7440-48-4	COBALT	10	2.9		0.56	0.036
7440-50-8	COPPER	10	63		2.2	0.33
7439-89-6	IRON	10	16000		22	12
7439-92-1	LEAD	100	1100		2.2	0.74
7439-95-4	MAGNESIUM	10	5100		11	3.7
7439-96-5	MANGANESE	10	1200		0.84	0.43
7440-02-0	NICKEL	10	6.9		2.2	0.49
7440-09-7	POTASSIUM	10	1300		110	17
7782-49-2	SELENIUM	10	1.1	J	1.1	0.22
7440-22-4	SILVER	10	5.6		0.056	0.0093
7440-23-5	SODIUM	10	61	J	110	17
7440-28-0	THALLIUM	10	2.7		0.011	0.0028
7440-62-2	VANADIUM	10	7.3		0.56	0.15
7440-66-6	ZINC	10	1300		11	4.6

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J15
Lab ID: 2203068-9

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 14.3
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 034SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4600		18	7.6
7440-36-0	ANTIMONY	10	2.7		0.12	0.021
7440-38-2	ARSENIC	10	660		0.23	0.057
7440-39-3	BARIUM	10	97		0.58	0.27
7440-41-7	BERYLLIUM	10	0.36		0.058	0.0058
7440-43-9	CADMIUM	10	11		0.23	0.026
7440-70-2	CALCIUM	10	8000		120	20
7440-47-3	CHROMIUM	10	8		1.2	0.64
7440-48-4	COBALT	10	3.3		0.58	0.037
7440-50-8	COPPER	10	61		2.3	0.34
7439-89-6	IRON	10	18000		23	13
7439-92-1	LEAD	100	1200		2.3	0.77
7439-95-4	MAGNESIUM	10	3800		12	3.9
7439-96-5	MANGANESE	10	1400		0.88	0.44
7440-02-0	NICKEL	10	8.5		2.3	0.51
7440-09-7	POTASSIUM	10	2400		120	18
7782-49-2	SELENIUM	10	1.5		1.2	0.23
7440-22-4	SILVER	10	5.7		0.058	0.0097
7440-23-5	SODIUM	10	510		120	18
7440-28-0	THALLIUM	10	1.9		0.012	0.0029
7440-62-2	VANADIUM	10	8.8		0.58	0.15
7440-66-6	ZINC	10	1400		12	4.8

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J15-DUP
Lab ID: 2203068-10

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 15.3
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 036SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4800		17	7.6
7440-36-0	ANTIMONY	10	2.4		0.12	0.021
7440-38-2	ARSENIC	10	600		0.23	0.057
7440-39-3	BARIUM	10	110		0.58	0.27
7440-41-7	BERYLLIUM	10	0.4		0.058	0.0058
7440-43-9	CADMIUM	10	9.7		0.23	0.026
7440-70-2	CALCIUM	10	8800		120	20
7440-47-3	CHROMIUM	10	8.7		1.2	0.64
7440-48-4	COBALT	10	3.5		0.58	0.037
7440-50-8	COPPER	10	60		2.3	0.34
7439-89-6	IRON	10	18000		23	13
7439-92-1	LEAD	100	1100		2.3	0.77
7439-95-4	MAGNESIUM	10	4100		12	3.8
7439-96-5	MANGANESE	10	1300		0.87	0.44
7440-02-0	NICKEL	10	9.3		2.3	0.51
7440-09-7	POTASSIUM	10	2700		120	17
7782-49-2	SELENIUM	10	1.5		1.2	0.23
7440-22-4	SILVER	10	5.3		0.058	0.0096
7440-23-5	SODIUM	10	470		120	17
7440-28-0	THALLIUM	10	2.1		0.012	0.0029
7440-62-2	VANADIUM	10	9.1		0.58	0.15
7440-66-6	ZINC	10	1300		12	4.8

Data Package ID: *IM2203068-1*

Total MERCURY

Method SW7471B

Sample Results

Lab Name: ALS -- Fort Collins
Client Name: Tetra Tech
Client Project ID: Bauer Tailings Reassessment 103X903520F0071211202
Work Order Number: 2203068 **Final Volume:** 100 ml
Reporting Basis: Dry Weight **Matrix:** SOIL
Analyst: James S. Dowdell **Result Units:** MG/KG

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
BT-GS-J10	2203068-1	2/22/2022	3/8/2022	03/08/2022	10.58	1	0.083	0.033	0.0041		0.687 g
BT-GS-J11	2203068-2	2/22/2022	3/8/2022	03/08/2022	13.95	1	0.14	0.036	0.0046		0.637 g
BT-GS-K12	2203068-3	2/22/2022	3/8/2022	03/08/2022	0.405	1	0.053	0.03	0.0038		0.666 g
BT-GS-K14	2203068-4	2/22/2022	3/8/2022	03/08/2022	15.66	1	0.059	0.037	0.0047		0.638 g
BT-GS-I18	2203068-5	2/22/2022	3/8/2022	03/08/2022	1.469	1	0.067	0.033	0.0041		0.619 g
BT-GS-I21	2203068-6	2/22/2022	3/8/2022	03/08/2022	1.004	1	0.063	0.03	0.0038		0.671 g
BT-GS-I16	2203068-7	2/22/2022	3/8/2022	03/08/2022	13.39	1	0.095	0.037	0.0047		0.623 g
BT-GS-I20	2203068-8	2/22/2022	3/8/2022	03/08/2022	11.42	1	0.092	0.036	0.0045		0.629 g
BT-GS-J15	2203068-9	2/22/2022	3/8/2022	03/08/2022	14.32	1	0.098	0.038	0.0048		0.61 g
BT-GS-J15-DUP	2203068-10	2/22/2022	3/8/2022	03/08/2022	15.33	1	0.097	0.038	0.0048		0.618 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *HG2203068-1*

Summary Report Forms

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IP220310-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: N/A
File Name: 0096CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.018	U	0.1	0.018
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.005	U	0.05	0.005
7440-43-9	CADMIUM	10	0.022	U	0.2	0.022
7440-70-2	CALCIUM	10	17	U	100	17
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.032	U	0.5	0.032
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.2	U	1	0.2
7440-22-4	SILVER	10	0.0083	U	0.05	0.0083
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	-0.007	J	0.01	0.0025
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IM220310-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/10/2022
Date Analyzed: 03/11/2022
Prep Method: SW3050B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: N/A
File Name: 011_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	505	15		101	80 - 120%
7440-36-0	ANTIMONY	3	2.92	0.1		97	80 - 120%
7440-38-2	ARSENIC	10	10.1	0.2		101	80 - 120%
7440-39-3	BARIUM	10	9.48	0.5		95	80 - 120%
7440-41-7	BERYLLIUM	5	4.94	0.05		99	80 - 120%
7440-43-9	CADMIUM	3	2.9	0.2		97	80 - 120%
7440-70-2	CALCIUM	1000	1040	100		104	80 - 120%
7440-47-3	CHROMIUM	50	49.5	1		99	80 - 120%
7440-48-4	COBALT	10	10.6	0.5		106	80 - 120%
7440-50-8	COPPER	100	108	2		108	80 - 120%
7439-89-6	IRON	500	452	20		90	80 - 120%
7439-92-1	LEAD	5	5.05	0.2		101	80 - 120%
7439-95-4	MAGNESIUM	1000	980	10		98	80 - 120%
7439-96-5	MANGANESE	10	9.53	0.75		95	80 - 120%
7440-02-0	NICKEL	50	51.6	2		103	80 - 120%
7440-09-7	POTASSIUM	500	468	100		94	80 - 120%
7782-49-2	SELENIUM	10	10	1		100	80 - 120%
7440-22-4	SILVER	1	1.01	0.05		101	80 - 120%
7440-23-5	SODIUM	1000	993	100		99	80 - 120%
7440-28-0	THALLIUM	0.2	0.192	0.01		96	80 - 120%
7440-62-2	VANADIUM	10	9.25	0.5		92	80 - 120%
7440-66-6	ZINC	200	200	10		100	80 - 120%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IM220310-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/10/2022
Date Analyzed: 03/11/2022
Prep Method: SW3050B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: N/A
File Name: 012_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	499	15		100	20	1
7440-36-0	ANTIMONY	3	2.99	0.1		100	20	2
7440-38-2	ARSENIC	10	10.1	0.2		101	20	0
7440-39-3	BARIUM	10	9.63	0.5		96	20	2
7440-41-7	BERYLLIUM	5	4.9	0.05		98	20	1
7440-43-9	CADMIUM	3	2.98	0.2		99	20	3
7440-70-2	CALCIUM	1000	1030	100		103	20	1
7440-47-3	CHROMIUM	50	50.3	1		101	20	2
7440-48-4	COBALT	10	10.6	0.5		106	20	0
7440-50-8	COPPER	100	110	2		110	20	2
7439-89-6	IRON	500	457	20		91	20	1
7439-92-1	LEAD	5	5.03	0.2		101	20	0
7439-95-4	MAGNESIUM	1000	985	10		98	20	1
7439-96-5	MANGANESE	10	9.73	0.75		97	20	2
7440-02-0	NICKEL	50	52.4	2		105	20	2
7440-09-7	POTASSIUM	500	477	100		95	20	2
7782-49-2	SELENIUM	10	9.96	1		100	20	1
7440-22-4	SILVER	1	1.03	0.05		103	20	2
7440-23-5	SODIUM	1000	975	100		98	20	2
7440-28-0	THALLIUM	0.2	0.193	0.01		97	20	1
7440-62-2	VANADIUM	10	9.26	0.5		93	20	0
7440-66-6	ZINC	200	204	10		102	20	2

Data Package ID: *IM2203068-1*

Prep Batch ID: IP220310-1

Start Date: 03/10/22
Start Time: 9:32
Prep Analyst: Erika T. Camire
End Date: 03/10/22
End Time: 18:00
Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: etc
Date Created: 03/10/22
Time Created: 9:32
Validated By: etc
Date Validated: 03/10/22
Time Validated: 10:18

Comments:

QC Batch ID: IP220310-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220310-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2203068
IM220310-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2203068
IM220310-1	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2203068
2203068-1	SMP	BT-GS-J10	SOIL	2/22/2022	1.011	100	NONE	1	2203068
2203068-10	SMP	BT-GS-J15-DUP	SOIL	2/22/2022	1.016	100	NONE	1	2203068
2203068-2	SMP	BT-GS-J11	SOIL	2/22/2022	1.013	100	NONE	1	2203068
2203068-3	SMP	BT-GS-K12	SOIL	2/22/2022	1.004	100	NONE	1	2203068
2203068-4	SMP	BT-GS-K14	SOIL	2/22/2022	1.003	100	NONE	1	2203068
2203068-5	SMP	BT-GS-I18	SOIL	2/22/2022	1.002	100	NONE	1	2203068
2203068-6	SMP	BT-GS-I21	SOIL	2/22/2022	1.005	100	NONE	1	2203068
2203068-7	SMP	BT-GS-I16	SOIL	2/22/2022	1.012	100	NONE	1	2203068
2203068-8	SMP	BT-GS-I20	SOIL	2/22/2022	1.006	100	NONE	1	2203068
2203068-9	SMP	BT-GS-J15	SOIL	2/22/2022	1	100	NONE	1	2203068

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: ICV
QC Type: Initial Calibration
File Name: 002SMPL.

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 12:54
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.02	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00611	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.02	0.0195	0.0002		97	90 - 110%
7440-39-3	BARIUM	0.02	0.0191	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.00980	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.006	0.00591	0.0002		98	90 - 110%
7440-70-2	CALCIUM	10	9.82	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.1	0.0990	0.001		99	90 - 110%
7440-48-4	COBALT	0.02	0.0213	0.0005		107	90 - 110%
7440-50-8	COPPER	0.2	0.209	0.002		105	90 - 110%
7439-89-6	IRON	1	0.908	0.01		91	90 - 110%
7439-92-1	LEAD	0.01	0.00982	0.0002		98	90 - 110%
7439-95-4	MAGNESIUM	2	1.92	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.04	0.0373	0.001		93	90 - 110%
7440-02-0	NICKEL	0.1	0.0988	0.002		99	90 - 110%
7440-09-7	POTASSIUM	10	9.02	0.1		90	90 - 110%
7782-49-2	SELENIUM	0.02	0.0196	0.001		98	90 - 110%
7440-22-4	SILVER	0.002	0.00202	0.00005		101	90 - 110%
7440-23-5	SODIUM	20	20.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000400	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.02	0.0189	0.0005		94	90 - 110%
7440-66-6	ZINC	0.4	0.394	0.01		99	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV1
QC Type: Continuing Calibration
File Name: 007SMPL.

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 13:18
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.518	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00300	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.00989	0.0002		99	90 - 110%
7440-39-3	BARIUM	0.01	0.00933	0.0005		93	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00490	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.003	0.00302	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.92	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0492	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.106	0.002		106	90 - 110%
7439-89-6	IRON	0.5	0.481	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00511	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.992	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0193	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0511	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	4.79	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00005		102	90 - 110%
7440-23-5	SODIUM	10	9.63	0.1		96	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000195	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.01	0.00943	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.200	0.01		100	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV2
QC Type: Continuing Calibration
File Name: 0196CCV.

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 14:08
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.521	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00298	0.0001		99	90 - 110%
7440-38-2	ARSENIC	0.01	0.00987	0.0002		99	90 - 110%
7440-39-3	BARIUM	0.01	0.00935	0.0005		94	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00497	0.00005		99	90 - 110%
7440-43-9	CADMIUM	0.003	0.00297	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.93	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0489	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.105	0.002		105	90 - 110%
7439-89-6	IRON	0.5	0.469	0.01		94	90 - 110%
7439-92-1	LEAD	0.005	0.00509	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0192	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0502	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.54	0.1		91	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00005		101	90 - 110%
7440-23-5	SODIUM	10	9.77	0.1		98	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000193	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00942	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.198	0.01		99	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV3
QC Type: Continuing Calibration
File Name: 0316CCV.

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 14:49
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.511	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00306	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00914	0.0005		91	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00466	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00298	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.89	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0477	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.463	0.01		93	90 - 110%
7439-92-1	LEAD	0.005	0.00515	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	0.989	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0187	0.001		94	90 - 110%
7440-02-0	NICKEL	0.05	0.0500	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.72	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.00987	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.000986	0.00005		99	90 - 110%
7440-23-5	SODIUM	10	9.67	0.1		97	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000193	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00937	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.193	0.01		96	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV4
QC Type: Continuing Calibration
File Name: 0376CCV.

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 15:13
Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.525	0.01		105	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00296	0.0001		98	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00958	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00486	0.00005		97	90 - 110%
7440-43-9	CADMIUM	0.003	0.00297	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	5.03	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0504	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.107	0.002		107	90 - 110%
7439-89-6	IRON	0.5	0.489	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00507	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0197	0.001		99	90 - 110%
7440-02-0	NICKEL	0.05	0.0519	0.002		104	90 - 110%
7440-09-7	POTASSIUM	5	4.85	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00005		100	90 - 110%
7440-23-5	SODIUM	10	9.83	0.1		98	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000192	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00960	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.204	0.01		102	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: ICB
QC Type: Initial Calibration

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 1:00:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000006	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB1
QC Type: Continuing Calibration

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 1:24:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00757	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB2
QC Type: Continuing Calibration

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 2:14:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00636	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000031	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB3
QC Type: Continuing Calibration

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 2:55:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000058	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB4
QC Type: Continuing Calibration

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Time Analyzed: 3:19:00 PM
Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.000017	0.0002	J
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00951	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000058	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: IM220311-10A5
Date Analyzed: 03/11/2022
Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.59000	10	96
7440-36-0	ANTIMONY		0.003		0.00306	102
7440-38-2	ARSENIC		0.01		0.0101	101
7440-39-3	BARIUM		0.01		0.00970	97
7440-41-7	BERYLLIUM		0.005		0.00496	99
7440-43-9	CADMIUM		0.003		0.00308	103
7440-70-2	CALCIUM	30	35	29.6000	34.6	99
7440-47-3	CHROMIUM		0.05		0.05240	105
7440-48-4	COBALT		0.01		0.0106	106
7440-50-8	COPPER		0.1		0.10800	108
7439-89-6	IRON	25	25.5	22.8	23.9	94
7439-92-1	LEAD		0.005		0.00517	103
7439-95-4	MAGNESIUM	10	11	9.42000	10.4	94
7439-96-5	MANGANESE		0.02		0.021	105
7440-02-0	NICKEL		0.05		0.05270	105
7440-09-7	POTASSIUM	10	15	9.18000	14.4	96
7782-49-2	SELENIUM		0.01		0.0101	101
7440-22-4	SILVER		0.001		0.00101	101
7440-23-5	SODIUM	25	35	25.2000	34.9000	100
7440-28-0	THALLIUM		0.0002		0.0002	99
7440-62-2	VANADIUM		0.01		0.00978	98
7440-66-6	ZINC		0.2		0.22200	111

Data Package ID: *IM2203068-1*

Metals Linear Ranges

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Instrument ID: ICPMS2
Active Date: 03/14/2016
Expiration Date: 07/04/2025

CASNO	Target Analyte	Concentration (ppm)
7429-90-5	ALUMINUM	50
7440-36-0	ANTIMONY	0.3
7440-38-2	ARSENIC	1
7440-39-3	BARIUM	1
7440-41-7	BERYLLIUM	0.5
7440-43-9	CADMIUM	0.3
7440-70-2	CALCIUM	500
7440-47-3	CHROMIUM	5
7440-48-4	COBALT	1
7440-50-8	COPPER	10
7439-89-6	IRON	50
7439-92-1	LEAD	0.5
7439-95-4	MAGNESIUM	100
7439-96-5	MANGANESE	2
7440-02-0	NICKEL	5
7440-09-7	POTASSIUM	500
7782-49-2	SELENIUM	1
7440-22-4	SILVER	0.1
7440-23-5	SODIUM	1000
7440-28-0	THALLIUM	0.02
7440-62-2	VANADIUM	1
7440-66-6	ZINC	20

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	3/11/2022	12:18
		BLANK	1	3/11/2022	12:21
		H/1000	1	3/11/2022	12:27
		H/100	1	3/11/2022	12:33
		H/10	1	3/11/2022	12:39
		HIGH	1	3/11/2022	12:45
		RINSE	1	3/11/2022	12:51
		ICV	1	3/11/2022	12:54
		ICB	1	3/11/2022	13:00
		LIV	1	3/11/2022	13:03
		ICSA1	1	3/11/2022	13:06
		ICSAB1	1	3/11/2022	13:12
		CCV1	1	3/11/2022	13:18
		CCB1	1	3/11/2022	13:24
		IP220310-1MB	10	3/11/2022	13:27
		IM220310-1	10	3/11/2022	13:30
		IM220310-1LCS	10	3/11/2022	13:36
		IM220310-1LCSD	10	3/11/2022	13:42
- Pb	BT-GS-J10	2203068-1	10	3/11/2022	13:48
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J10	2203068-1	100	3/11/2022	13:51
- Pb	BT-GS-J11	2203068-2	10	3/11/2022	13:53
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J11	2203068-2	100	3/11/2022	13:56
- Pb	BT-GS-K12	2203068-3	10	3/11/2022	13:59
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-K12	2203068-3	100	3/11/2022	14:02
		CCV2	1	3/11/2022	14:08
		CCB2	1	3/11/2022	14:14
- Pb	BT-GS-K14	2203068-4	10	3/11/2022	14:17
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-K14	2203068-4	100	3/11/2022	14:20
- Pb	BT-GS-I18	2203068-5	10	3/11/2022	14:23
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I18	2203068-5	100	3/11/2022	14:26
- Pb	BT-GS-I21	2203068-6	10	3/11/2022	14:29
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I21	2203068-6	100	3/11/2022	14:32
- Pb	BT-GS-I16	2203068-7	10	3/11/2022	14:35
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I16	2203068-7	100	3/11/2022	14:38
- Pb	BT-GS-I20	2203068-8	10	3/11/2022	14:41

Data Package ID: IM2203068-1

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 030SMPL.
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I20	2203068-8	100	3/11/2022	14:43
		CCV3	1	3/11/2022	14:49
		CCB3	1	3/11/2022	14:55
- Pb	BT-GS-J15	2203068-9	10	3/11/2022	14:58
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J15	2203068-9	100	3/11/2022	15:01
- Pb	BT-GS-J15-DUP	2203068-10	10	3/11/2022	15:04
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J15-DUP	2203068-10	100	3/11/2022	15:07
		CCV4	1	3/11/2022	15:13
		CCB4	1	3/11/2022	15:19
		IP220307-1MB	10	3/11/2022	15:22
		IM220307-1LCS	10	3/11/2022	15:25
		IM220307-1LCSD	10	3/11/2022	15:31
		2202268-1	10	3/11/2022	15:37
		2202268-2	10	3/11/2022	15:40
		2202268-3	10	3/11/2022	15:42
		CCV5	1	3/11/2022	15:48
		CCB5	1	3/11/2022	15:54
		IP220309-4MB	10	3/11/2022	15:57
		IM220309-4LCS	10	3/11/2022	16:00
		IM220309-4LCSD	10	3/11/2022	16:06
		2203118-1	10	3/11/2022	16:12
		ZZZ	100	3/11/2022	16:15
		ZZZ	1000	3/11/2022	16:18
		2203118-2	10	3/11/2022	16:21
		ZZZ	100	3/11/2022	16:24
		ZZZ	1000	3/11/2022	16:27
		CCV6	1	3/11/2022	16:33
		CCB6	1	3/11/2022	16:39
		2203118-3	10	3/11/2022	16:42
		ZZZ	100	3/11/2022	16:45
		ZZZ	1000	3/11/2022	16:48
		CCV7	1	3/11/2022	16:54
		CCB7	1	3/11/2022	16:59
		IP220310-4MB	10	3/11/2022	17:02
		IM220310-4	10	3/11/2022	17:05

Data Package ID: IM2203068-1

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 065_LCS.
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		IM220310-4LCS	10	3/11/2022	17:11
		IM220310-4LCSD	10	3/11/2022	17:17
		2203029-1	1	3/11/2022	17:23
		ZZZ	10	3/11/2022	17:26
		ZZZ	100	3/11/2022	17:29
		2203149-1	10	3/11/2022	17:32
		CCV8	1	3/11/2022	17:38
		CCB8	1	3/11/2022	17:44
		CCV9	1	3/11/2022	17:47
		CCB9	1	3/11/2022	17:53
		IP220302-4MB	10	3/11/2022	17:56
		IM220302-4LCS	10	3/11/2022	17:59
		IM220302-4LCSD	10	3/11/2022	18:04
		2202321-1	10	3/11/2022	18:10
		ZZZ	100	3/11/2022	18:13
		2202321-2	10	3/11/2022	18:16
		2202321-3	10	3/11/2022	18:19
		2202321-4	10	3/11/2022	18:22
		2202321-5	10	3/11/2022	18:25
		2202321-6	10	3/11/2022	18:28
		CCV10	1	3/11/2022	18:34
		CCB10	1	3/11/2022	18:40
		2202321-7	10	3/11/2022	18:43
		2202321-8	10	3/11/2022	18:46
		2202321-9	10	3/11/2022	18:49
		2202321-10	10	3/11/2022	18:52
- U		2202321-11	10	3/11/2022	18:55
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,V,Y,Zn		2202321-11	100	3/11/2022	18:58
		2202321-12	10	3/11/2022	19:01
		ZZZ	100	3/11/2022	19:04
		2202321-13	10	3/11/2022	19:07
		CCV11	1	3/11/2022	19:13
		CCB11	1	3/11/2022	19:18
- U		2202321-14	10	3/11/2022	19:21
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,V,Y,Zn		2202321-14	100	3/11/2022	19:24

Data Package ID: IM2203068-1

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 100SMPL.
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2202321-15	10	3/11/2022	19:27
- U		2202321-16	10	3/11/2022	19:30
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,V,Y,Zn		2202321-16	100	3/11/2022	19:33
		CCV12	1	3/11/2022	19:39
		CCB12	1	3/11/2022	19:45
		RINSE	1	3/11/2022	19:48
		RINSE	1	3/11/2022	19:51
		RINSE	1	3/11/2022	19:54
		RINSE	1	3/11/2022	19:57

Data Package ID: IM2203068-1

Mercury

Method SW7471B

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: HG220308-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 08-Mar-22
Date Analyzed: 08-Mar-22

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220308-1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7439-97-6	MERCURY	1	0.0042	U	0.033	0.0042

Data Package ID: *HG2203068-1*

Mercury

Method SW7471B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: HG220308-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/08/2022
Date Analyzed: 03/08/2022
Prep Method: METHOD

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220308-1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.173	0.0333		104	80 - 120%

Lab ID: HG220308-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/08/2022
Date Analyzed: 03/08/2022
Prep Method: METHOD

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220308-1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.173	0.0333		104	20	0

Data Package ID: *HG2203068-1*

Mercury

Method SW7471B

Matrix Spike

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J10
LabID: 2203068-1MS

Sample Matrix: SOIL
% Moisture: 10.6
Date Collected: 22-Feb-22
Date Extracted: 08-Mar-22
Date Analyzed: 08-Mar-22

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.688g
Final Volume: 100ml
Result Units: MG/KG
File Name: HG220308-1

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.083		0.4		0.0325	0.325	97	80 - 120%

Data Package ID: *HG2203068-1*

Prep Batch ID: HG220308-1

Start Date: 03/08/22
Start Time: 8:59
Prep Analyst: James S. Dowdell
End Date: 03/08/22
End Time: 10:10
Concentration Method: NONE
Extract Method: METHOD
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: jsd
Date Created: 03/08/22
Time Created: 8:59
Validated By: jsd
Date Validated: 03/08/22
Time Validated: 10:34

Comments:

QC Batch ID: HG220308-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
HG220308-1	MB	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2203068
HG220308-1	LCS	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2203068
HG220308-1	LCSD	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2203068
2203068-1	MS	BT-GS-J10	SOIL	2/22/2022	0.688	100	NONE	1	2203068
2203068-1	SMP	BT-GS-J10	SOIL	2/22/2022	0.687	100	NONE	1	2203068
2203068-10	SMP	BT-GS-J15-DUP	SOIL	2/22/2022	0.618	100	NONE	1	2203068
2203068-2	SMP	BT-GS-J11	SOIL	2/22/2022	0.637	100	NONE	1	2203068
2203068-3	SMP	BT-GS-K12	SOIL	2/22/2022	0.666	100	NONE	1	2203068
2203068-4	SMP	BT-GS-K14	SOIL	2/22/2022	0.638	100	NONE	1	2203068
2203068-5	SMP	BT-GS-I18	SOIL	2/22/2022	0.619	100	NONE	1	2203068
2203068-6	SMP	BT-GS-I21	SOIL	2/22/2022	0.671	100	NONE	1	2203068
2203068-7	SMP	BT-GS-I16	SOIL	2/22/2022	0.623	100	NONE	1	2203068
2203068-8	SMP	BT-GS-I20	SOIL	2/22/2022	0.629	100	NONE	1	2203068
2203068-9	SMP	BT-GS-J15	SOIL	2/22/2022	0.61	100	NONE	1	2203068

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

MERCURY

Method SW7471

Calibration Verifications

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: HG220308-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
ICV	Initial Calibration	3/8/2022	13:54	0.001	0.00103	0.0002	N/A	103	90 - 110
CCV1	Continuing Calibration	3/8/2022	14:19	0.002	0.00198	0.0002	N/A	99	80 - 120
CCV2	Continuing Calibration	3/8/2022	14:36	0.002	0.00198	0.0002	N/A	99	80 - 120

Data Package ID: *HG2203068-1*

MERCURY

Method SW7471

Calibration Blanks

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: HG220308-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Result	Reporting Limit	Flag
ICB	Initial Calibration	3/8/2022	13:56	0.0000707	0.0002	U
CCB1	Continuing Calibration	3/8/2022	14:21	0.0000707	0.0002	U
CCB2	Continuing Calibration	3/8/2022	14:38	0.0000707	0.0002	U

Data Package ID: *HG2203068-1*

Metals Linear Ranges

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Instrument ID: CETAC7600
Active Date: 03/25/2021
Expiration Date: 10/22/2025

CASNO	Target Analyte	Concentration (ppm)
7439-97-6	MERCURY	0.01

Mercury Run Log -- 3/8/2022

Instrument ID: CETAC7600
File Name: HG220308-1
AnalRunID: HG220308-1A1
CalibRefID: HG220308-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		0	1	3/8/2022	13:36
		1	1	3/8/2022	13:38
		2	1	3/8/2022	13:40
		3	1	3/8/2022	13:42
		4	1	3/8/2022	13:44
		5	1	3/8/2022	13:46
		6	1	3/8/2022	13:50
		ICV	1	3/8/2022	13:54
		ICB	1	3/8/2022	13:56
		CRA1	1	3/8/2022	13:58
		RVS	1	3/8/2022	14:00
		HG220308-1MB	1	3/8/2022	14:02
		HG220308-1LCS	1	3/8/2022	14:04
		HG220308-1LCSD	1	3/8/2022	14:06
	BT-GS-J10	2203068-1	1	3/8/2022	14:09
	BT-GS-J10	2203068-1MS	1	3/8/2022	14:11
	BT-GS-J11	2203068-2	1	3/8/2022	14:13
	BT-GS-K12	2203068-3	1	3/8/2022	14:15
	BT-GS-K14	2203068-4	1	3/8/2022	14:17
		CCV1	1	3/8/2022	14:19
		CCB1	1	3/8/2022	14:21
	BT-GS-I18	2203068-5	1	3/8/2022	14:23
	BT-GS-I21	2203068-6	1	3/8/2022	14:26
	BT-GS-I16	2203068-7	1	3/8/2022	14:28
	BT-GS-I20	2203068-8	1	3/8/2022	14:30
	BT-GS-J15	2203068-9	1	3/8/2022	14:32
	BT-GS-J15-DUP	2203068-10	1	3/8/2022	14:34
		CCV2	1	3/8/2022	14:36
		CCB2	1	3/8/2022	14:38

Data Package ID: HG2203068-1

Raw Data

Header Information for Analytical Sequence 22C11m01

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 03/11/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST201231-3, expires 04/30/2022) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22C11m01.B\
Analysis File: 22C11m01.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		3/11/2022 12:18:28	001CALB_22C11m00.D	RINSE	CalBlk	1	1.0000
2		3/11/2022 12:21:29	002CALB_22C11m00.D	BLANK	CalBlk	1	1.0000
3		3/11/2022 12:27:25	003CALS_22C11m00.D	H/1000	CalStd	2	1.0000
4		3/11/2022 12:33:21	004CALS_22C11m00.D	H/100	CalStd	3	1.0000
5		3/11/2022 12:39:16	005CALS_22C11m00.D	H/10	CalStd	4	1.0000
6		3/11/2022 12:45:07	006CALS_22C11m00.D	HIGH	CalStd	5	1.0000
7		3/11/2022 12:51:59	001SMPL.D	RINSE	Sample		1.0000
8		3/11/2022 12:54:57	002SMPL.D	ICV	6-ICV		1.0000
9		3/11/2022 13:00:50	003SMPL.D	ICB	6-CCB		1.0000
10		3/11/2022 13:03:48	004SMPL.D	LIV	RLCV		1.0000
11		3/11/2022 13:06:47	005SMPL.D	ICSA	6-ICSA		1.0000
12		3/11/2022 13:12:40	006SMPL.D	ICSAB	6-ICSAB		1.0000
13		3/11/2022 13:18:31	007SMPL.D	CCV	6-CCV		1.0000
14		3/11/2022 13:24:24	0086CCB.D	CCB	6-CCB		1.0000
15		3/11/2022 13:27:24	0096CCB.D	IP220310-1MB 10X	6-CCB		1.0000
16		3/11/2022 13:30:24	010SMPL.D	IM220310-1RVS 10X	Sample		1.0000
17		3/11/2022 13:36:19	011_LCS.D	IM220310-1LCS 10X	6-LCS		1.0000
18		3/11/2022 13:42:11	012_LCS.D	IM220310-1LCSD 10X	6-LCS		1.0000
19		3/11/2022 13:48:04	013SMPL.D	2203068-1 10X	Sample		1.0000
20		3/11/2022 13:51:00	014SMPL.D	2203068-1 100X	Sample		1.0000
21		3/11/2022 13:53:56	015SMPL.D	2203068-2 10X	Sample		1.0000
22		3/11/2022 13:56:50	016SMPL.D	2203068-2 100X	Sample		1.0000
23		3/11/2022 13:59:49	017SMPL.D	2203068-3 10X	Sample		1.0000
24		3/11/2022 14:02:45	018SMPL.D	2203068-3 100X	Sample		1.0000
25		3/11/2022 14:08:39	0196CCV.D	CCV	6-CCV		1.0000
26		3/11/2022 14:14:34	0206CCB.D	CCB	6-CCB		1.0000
27		3/11/2022 14:17:32	021SMPL.D	2203068-4 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		3/11/2022 14:20:28	022SMPL.D	2203068-4 100X	Sample		1.0000
29		3/11/2022 14:23:25	023SMPL.D	2203068-5 10X	Sample		1.0000
30		3/11/2022 14:26:19	024SMPL.D	2203068-5 100X	Sample		1.0000
31		3/11/2022 14:29:17	025SMPL.D	2203068-6 10X	Sample		1.0000
32		3/11/2022 14:32:12	026SMPL.D	2203068-6 100X	Sample		1.0000
33		3/11/2022 14:35:11	027SMPL.D	2203068-7 10X	Sample		1.0000
34		3/11/2022 14:38:04	028SMPL.D	2203068-7 100X	Sample		1.0000
35		3/11/2022 14:41:02	029SMPL.D	2203068-8 10X	Sample		1.0000
36		3/11/2022 14:43:57	030SMPL.D	2203068-8 100X	Sample		1.0000
37		3/11/2022 14:49:51	0316CCV.D	CCV	6-CCV		1.0000
38		3/11/2022 14:55:44	0326CCB.D	CCB	6-CCB		1.0000
39		3/11/2022 14:58:44	033SMPL.D	2203068-9 10X	Sample		1.0000
40		3/11/2022 15:01:39	034SMPL.D	2203068-9 100X	Sample		1.0000
41		3/11/2022 15:04:39	035SMPL.D	2203068-10 10X	Sample		1.0000
42		3/11/2022 15:07:35	036SMPL.D	2203068-10 100X	Sample		1.0000
43		3/11/2022 15:13:29	0376CCV.D	CCV	6-CCV		1.0000
44		3/11/2022 15:19:21	0386CCB.D	CCB	6-CCB		1.0000
45		3/11/2022 15:22:20	0396CCB.D	IP220307-1MB 10X	6-CCB		1.0000
46		3/11/2022 15:25:19	040_LCS.D	IM220307-1LCS 10X	6-LCS		1.0000
47		3/11/2022 15:31:10	041_LCS.D	IM220307-1LCSD 10X	6-LCS		1.0000
48		3/11/2022 15:37:02	042SMPL.D	2202268-1 10X	Sample		1.0000
49		3/11/2022 15:40:00	043SMPL.D	2202268-2 10X	Sample		1.0000
50		3/11/2022 15:42:58	044SMPL.D	2202268-3 10X	Sample		1.0000
51		3/11/2022 15:48:52	0456CCV.D	CCV	6-CCV		1.0000
52		3/11/2022 15:54:44	0466CCB.D	CCB	6-CCB		1.0000
53		3/11/2022 15:57:43	0476CCB.D	IP220309-4MB 10X	6-CCB		1.0000
54		3/11/2022 16:00:41	048_LCS.D	IM220309-4LCS 10X	6-LCS		1.0000
55		3/11/2022 16:06:33	049_LCS.D	IM220309-4LCSD 10X	6-LCS		1.0000
56		3/11/2022 16:12:26	050SMPL.D	2203118-1 10X	Sample		1.0000
57		3/11/2022 16:15:24	051SMPL.D	2203118-1 100X	Sample		1.0000
58		3/11/2022 16:18:24	052SMPL.D	2203118-1 1000X	Sample		1.0000
59		3/11/2022 16:21:23	053SMPL.D	2203118-2 10X	Sample		1.0000
60		3/11/2022 16:24:21	054SMPL.D	2203118-2 100X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		3/11/2022 16:27:20	055SMPL.D	2203118-2 1000X	Sample		1.0000
62		3/11/2022 16:33:15	0566CCV.D	CCV	6-CCV		1.0000
63		3/11/2022 16:39:08	0576CCB.D	CCB	6-CCB		1.0000
64		3/11/2022 16:42:07	058SMPL.D	2203118-3 10X	Sample		1.0000
65		3/11/2022 16:45:06	059SMPL.D	2203118-3 100X	Sample		1.0000
66		3/11/2022 16:48:05	060SMPL.D	2203118-3 1000X	Sample		1.0000
67		3/11/2022 16:54:00	0616CCV.D	CCV	6-CCV		1.0000
68		3/11/2022 16:59:52	0626CCB.D	CCB	6-CCB		1.0000
69		3/11/2022 17:02:51	0636CCB.D	IP220310-4MB 10X	6-CCB		1.0000
70		3/11/2022 17:05:50	064SMPL.D	IM220310-4RVS 10X	Sample		1.0000
71		3/11/2022 17:11:46	065_LCS.D	IM220310-4LCS 10X	6-LCS		1.0000
72		3/11/2022 17:17:38	066_LCS.D	IM220310-4LCSD 10X	6-LCS		1.0000
73		3/11/2022 17:23:30	067SMPL.D	2203029-1	Sample		1.0000
74		3/11/2022 17:26:26	068SMPL.D	2203029-1 10X	Sample		1.0000
75		3/11/2022 17:29:24	069SMPL.D	2203029-1 100X	Sample		1.0000
76		3/11/2022 17:32:23	070SMPL.D	2203149-1 10X	Sample		1.0000
77		3/11/2022 17:38:17	0716CCV.D	CCV	6-CCV		1.0000
78		3/11/2022 17:44:10	0726CCB.D	CCB	6-CCB		1.0000
79		3/11/2022 17:47:09	0736CCV.D	CCV	6-CCV		1.0000
80		3/11/2022 17:53:03	0746CCB.D	CCB	6-CCB		1.0000
81		3/11/2022 17:56:03	0756CCB.D	IP220302-4MB 10X	6-CCB		1.0000
82		3/11/2022 17:59:02	076_LCS.D	IM220302-4LCS 10X	6-LCS		1.0000
83		3/11/2022 18:04:55	077_LCS.D	IM220302-4LCSD 10X	6-LCS		1.0000
84		3/11/2022 18:10:46	078SMPL.D	2202321-1 10X	Sample		1.0000
85		3/11/2022 18:13:41	079SMPL.D	2202321-1 100X	Sample		1.0000
86		3/11/2022 18:16:40	080SMPL.D	2202321-2 10X	Sample		1.0000
87		3/11/2022 18:19:39	081SMPL.D	2202321-3 10X	Sample		1.0000
88		3/11/2022 18:22:37	082SMPL.D	2202321-4 10X	Sample		1.0000
89		3/11/2022 18:25:36	083SMPL.D	2202321-5 10X	Sample		1.0000
90		3/11/2022 18:28:36	084SMPL.D	2202321-6 10X	Sample		1.0000
91		3/11/2022 18:34:32	0856CCV.D	CCV	6-CCV		1.0000
92		3/11/2022 18:40:26	0866CCB.D	CCB	6-CCB		1.0000
93		3/11/2022 18:43:25	087SMPL.D	2202321-7 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		3/11/2022 18:46:24	088SMPL.D	2202321-8 10X	Sample		1.0000
95		3/11/2022 18:49:23	089SMPL.D	2202321-9 10X	Sample		1.0000
96		3/11/2022 18:52:21	090SMPL.D	2202321-10 10X	Sample		1.0000
97		3/11/2022 18:55:19	091SMPL.D	2202321-11 10X	Sample		1.0000
98		3/11/2022 18:58:13	092SMPL.D	2202321-11 100X	Sample		1.0000
99		3/11/2022 19:01:13	093SMPL.D	2202321-12 10X	Sample		1.0000
100		3/11/2022 19:04:07	094SMPL.D	2202321-12 100X	Sample		1.0000
101		3/11/2022 19:07:05	095SMPL.D	2202321-13 10X	Sample		1.0000
102		3/11/2022 19:13:00	0966CCV.D	CCV	6-CCV		1.0000
103		3/11/2022 19:18:53	0976CCB.D	CCB	6-CCB		1.0000
104		3/11/2022 19:21:52	098SMPL.D	2202321-14 10X	Sample		1.0000
105		3/11/2022 19:24:47	099SMPL.D	2202321-14 100X	Sample		1.0000
106		3/11/2022 19:27:44	100SMPL.D	2202321-15 10X	Sample		1.0000
107		3/11/2022 19:30:43	101SMPL.D	2202321-16 10X	Sample		1.0000
108		3/11/2022 19:33:41	102SMPL.D	2202321-16 100X	Sample		1.0000
109		3/11/2022 19:39:35	1036CCV.D	CCV	6-CCV		1.0000
110		3/11/2022 19:45:29	1046CCB.D	CCB	6-CCB		1.0000
111		3/11/2022 19:48:27	105SMPL.D	RINSE	Sample		1.0000
112		3/11/2022 19:51:26	106SMPL.D	RINSE	Sample		1.0000
113		3/11/2022 19:54:25	107SMPL.D	RINSE	Sample		1.0000
114		3/11/2022 19:57:24	108SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0075	1954.13	0.0029	142.00	0.1390	12675.97	-6.2054	25213.16	0.1029	90.00
2	BLANK	0.0000	1327.40	0.0000	76.00	0.0000	10155.36	0.0000	28158.02	0.0000	76.67
3	H/1000	0.9314	75119.34	0.0492	1203.39	0.8395	24167.28	104.1500	109598.64	10.1885	1260.11
4	H/100	9.3702	731346.00	0.5049	11401.19	9.8083	163549.64	1006.0349	795268.06	97.0326	11160.82
5	H/10	99.0591	7981994.67	5.0751	117804.10	102.9018	1669621.25	9999.3550	7973858.63	1026.8434	122191.87
6	HIGH	1000.1005	96160485.33	49.9924	1383973.42	999.7119	19239460.35	96998.3140	86012638.72	9997.3451	1267919.95
7	RINSE	0.1281	13153.81	-0.0009	68.67	8.6599	168215.96	-7.2303	27523.38	-0.2739	53.33
8	ICV	194.8823	16059732.00	9.7946	232478.61	204.6597	3384370.77	20127.0947	15900123.09	1921.2071	227973.57
9	ICB	0.0616	6371.91	-0.0016	45.33	4.6277	85042.11	-0.1733	30792.67	0.6559	163.34
10	LIV	1.9540	156393.43	0.0468	1152.05	17.9313	295361.13	93.1079	102765.49	10.4857	1283.45
11	ICSA	0.1013	9705.50	-0.0017	43.33	3.0499	60717.33	25204.6564	19843153.45	9416.1865	1114568.89
12	ICSAB	99.8258	9739755.33	4.9631	139479.39	103.2588	2027821.10	34869.3096	29387508.73	10388.5472	1310595.97
13	CCV	95.7094	8255090.33	4.8980	121697.61	100.6740	1748110.24	9633.7929	8084220.71	991.7897	123630.23
14	CCB	0.0355	4442.61	-0.0022	32.67	2.2406	48640.12	-1.1131	30331.70	0.3742	130.01
15	IP220310-1MB ...	0.0343	4502.62	-0.0022	34.00	1.3645	35312.11	-7.6879	25954.30	-0.0894	76.67
16	IM220310-1RVS...	0.8952	77360.65	0.0239	669.35	7.7009	142128.95	37.8431	63909.90	5.4576	756.72
17	IM220310-1LCS...	99.3402	8703934.67	4.9437	124725.02	195.5543	3437571.81	993.1663	873282.67	979.6566	124592.59
18	IM220310-1LCS...	99.0504	8920855.67	4.8967	127048.49	196.9784	3560287.08	975.3511	881532.33	984.6846	126848.98
19	2203068-1 10X	9.3244	853270.59	0.3723	9884.24	8.7494	172332.10	99.2448	122832.02	4315.9584	570013.55
20	2203068-1 100X	0.9428	84713.23	0.0346	970.04	2.8717	62702.19	2.0923	34530.23	430.5944	54890.71
21	2203068-2 10X	10.3641	1060118.42	0.3533	10491.27	7.3244	163622.47	84.9771	118317.04	4197.4130	595357.78
22	2203068-2 100X	0.9902	93984.02	0.0325	969.37	2.4068	57664.83	0.7124	33979.15	419.0216	53854.28
23	2203068-3 10X	8.1318	737362.92	0.3997	10504.61	10.6509	205142.15	480.7030	464026.54	4450.9359	598630.24
24	2203068-3 100X	1.0980	104820.50	0.0385	1137.38	2.8099	65650.17	40.2838	70636.82	445.5205	59560.24
25	CCV	98.1703	9286256.67	4.9727	135451.98	99.7723	1900811.59	9772.7129	8615972.58	1008.0476	132470.51
26	CCB	0.0276	3825.13	-0.0021	36.67	1.7338	40670.55	-0.8656	29099.64	0.5852	146.68
27	2203068-4 10X	5.9194	592944.71	0.3404	9890.91	7.6332	166139.43	227.0343	237466.13	3746.9104	503435.25
28	2203068-4 100X	0.6038	56337.59	0.0347	999.37	1.7556	44253.91	14.1505	45456.21	376.0882	48654.84
29	2203068-5 10X	12.8962	1169877.71	0.4834	12696.79	6.2789	126175.04	106.6209	123339.43	5878.7316	755219.10
30	2203068-5 100X	1.2246	104157.56	0.0466	1210.72	1.5805	38006.72	-0.5581	30478.87	603.9793	71921.71
31	2203068-6 10X	5.4593	537928.48	0.2615	7490.38	3.9998	91932.02	53.1734	80398.11	3725.7552	487837.99

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.5524	60712.53	0.0234	827.36	0.9004	33797.14	-4.9235	30195.16	365.1309	48848.76
33	2203068-7 10X	13.9863	1477304.29	0.5247	16042.29	7.8485	179992.39	137.9453	164195.56	5941.8335	839925.51
34	2203068-7 100X	1.2428	113948.43	0.0510	1419.40	1.4034	37777.35	2.0080	34974.33	589.0845	75088.90
35	2203068-8 10X	5.2261	443578.81	0.2457	6070.46	3.8844	77329.92	53.9508	74546.89	4519.0754	544787.21
36	2203068-8 100X	0.5150	47552.89	0.0221	658.02	0.7828	26219.15	-5.7001	28010.93	438.3495	55676.55
37	CCV	91.4267	8042768.33	4.6582	118042.67	93.7085	1660259.90	9673.4002	8070708.00	988.7866	121809.03
38	CCB	0.0206	3315.68	-0.0025	27.33	1.3448	34846.64	-4.6111	28688.98	0.7066	173.34
39	2203068-9 10X	5.9525	633125.42	0.3070	9482.69	11.0708	249372.56	439.3965	456827.43	3273.9191	472282.73
40	2203068-9 100X	0.6001	62949.31	0.0297	977.37	2.0820	56373.85	30.4568	65332.08	330.6424	46037.93
41	2203068-10 10X	6.6258	635203.83	0.3409	9484.69	11.5662	234326.69	405.7233	392813.13	3489.1814	462395.82
42	2203068-10 100X	0.6598	63415.57	0.0322	965.37	2.1868	53757.77	30.8934	60333.32	340.5303	44483.45
43	CCV	96.3181	9925166.67	4.8623	144325.39	95.8977	1990581.73	9828.2380	9279853.40	1007.3189	140207.61
44	CCB	0.0207	3946.50	-0.0024	34.67	1.4569	43720.29	-4.7451	32596.18	0.5869	183.35
45	IP220307-1MB ...	0.0240	4423.28	-0.0026	28.00	0.7742	30773.42	-10.7122	27159.43	0.2509	136.68
46	IM220307-1LCS...	102.7812	11048458.67	5.0373	155958.68	197.7435	4265089.97	1019.6057	1031803.52	1021.2584	147919.11
47	IM220307-1LCS...	103.5837	11158905.00	5.0730	157436.94	199.2036	4306244.27	1025.0288	1089407.38	1020.7161	156512.04
48	2202268-1 10X	0.2135	24286.07	0.0002	113.33	8.7130	197136.54	4795.6169	5009352.11	3456.1024	499386.19
49	2202268-2 10X	3.7011	276595.28	0.0017	112.67	30.7613	467726.23	60366.6555	48769049.27	45344.9723	5221786.69
50	2202268-3 10X	0.0828	11670.07	-0.0005	100.67	3.1338	88410.58	14454.4368	16665046.00	2224.5431	359076.91
51	CCV	92.4810	10147042.33	4.3756	136582.90	91.1911	2015883.39	10120.6455	10668041.93	1042.7873	160571.31
52	CCB	0.0243	4812.05	-0.0032	11.33	1.7519	55435.29	29.1457	73398.91	0.9467	263.35
53	IP220309-4MB ...	0.0352	5991.76	-0.0033	9.33	0.9871	37703.87	20.5317	63505.13	0.6513	213.34
54	IM220309-4LCS...	99.5370	10695455.33	4.5874	142016.86	197.4259	4260064.55	1125.4085	1212692.72	1086.2956	166067.83
55	IM220309-4LCS...	99.1660	10733306.67	4.5555	142025.37	198.1052	4302733.44	1097.9558	1199506.86	1061.2673	163961.08
56	2203118-1 10X	5.0200	542604.73	-0.0026	30.00	26.2684	580692.67	10598.6404	11327172.33	5166.6938	794300.49
57	2203118-1 100X	0.5627	63503.45	-0.0030	19.33	5.6538	138607.57	1116.6306	1231848.94	503.8204	79901.14
58	2203118-1 1000X	0.0795	10726.79	-0.0030	18.00	1.9829	58758.41	130.9587	176588.92	50.7310	8042.25
59	2203118-2 10X	4.2505	458294.47	-0.0029	20.67	24.0811	531937.25	11133.8377	11689103.16	10152.8921	1557025.97
60	2203118-2 100X	0.4680	53090.49	-0.0030	17.33	4.8489	120800.14	1187.2654	1301175.32	1061.9642	166612.08
61	2203118-2 1000X	0.0682	9386.65	-0.0029	22.00	1.5363	48388.51	138.0150	185208.52	108.3390	16952.58
62	CCV	93.8418	10018068.00	4.4016	135364.68	94.4019	2029801.03	10302.7297	10533991.92	1053.3672	157688.80

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0281	4835.38	-0.0031	14.00	1.6826	49687.74	19.1211	59466.79	0.5157	183.34
64	2203118-3 10X	3.3213	356925.51	-0.0028	24.67	20.6740	456692.26	5000.8387	5326517.42	4033.3714	621081.03
65	2203118-3 100X	0.4040	42815.18	-0.0029	20.00	4.2021	99128.85	519.1528	549344.13	404.8831	58914.61
66	2203118-3 1000X	0.0725	9566.75	-0.0032	10.67	1.1956	39773.00	71.1808	113558.21	39.9342	6114.71
67	CCV	94.4864	10020819.00	4.3378	132568.05	93.0879	1990035.13	10216.6637	10705440.67	1049.7862	161605.60
68	CCB	0.0347	4708.68	-0.0029	18.00	1.5713	40359.90	17.6413	53336.35	0.5076	170.01
69	IP220310-4MB ...	0.0343	5183.50	-0.0029	18.00	0.8236	29926.41	13.7409	52526.83	0.5019	176.67
70	IM220310-4RVS...	0.8417	84943.43	0.0199	666.69	6.9636	151139.48	60.3799	98872.51	5.4609	893.40
71	IM220310-4LCS...	92.5673	9474221.00	4.1101	121212.20	181.8016	3736569.30	1039.7145	1116771.81	1019.9813	155148.43
72	IM220310-4LCS...	94.3589	9671036.67	4.2177	124492.86	185.4899	3814778.18	1057.2229	1152159.15	1017.9915	156279.64
73	2203029-1	20.5987	2010481.55	0.0215	703.35	88.4270	1737617.88	132120.3930	1.94679E+08	23226.3449	3369898.49
74	2203029-1 10X	2.0939	230493.46	-0.0006	92.67	13.4082	307581.91	19890.0078	21199911.35	2427.1188	381036.78
75	2203029-1 100X	0.2602	29951.04	-0.0028	23.33	3.3810	87546.02	2109.6452	2273587.99	238.7286	37619.70
76	2203149-1 10X	0.0879	11181.74	-0.0029	19.33	7.4978	172763.45	1949.9931	2094413.30	7.8285	1316.79
77	CCV	91.5528	9365376.33	4.2963	126595.16	91.5803	1887825.48	10325.7973	10449424.43	1032.9100	156139.78
78	CCB	0.0353	5144.16	-0.0030	14.67	1.6551	45205.25	16.8558	54931.39	0.2486	140.01
79	CCV	92.0400	9189655.33	4.3263	124412.15	93.1715	1873552.49	10189.1138	10212520.06	1035.4886	153458.32
80	CCB	0.0358	5524.26	-0.0028	24.00	1.8011	51039.24	11.8446	52643.78	0.2895	153.34
81	IP220302-4MB ...	0.0378	5521.60	-0.0029	18.67	1.0841	35037.08	16.7651	53540.20	2.2908	430.03
82	IM220302-4LCS...	98.7008	9542437.00	4.5236	125965.41	195.9393	3801296.93	1063.0942	1119637.22	1041.3466	155470.51
83	IM220302-4LCS...	95.5287	9513804.67	4.3256	124127.36	192.2664	3842705.82	1036.4890	1109958.16	1039.4916	156268.57
84	2202321-1 10X	10.4917	1049438.15	-0.0025	31.33	25.1870	516668.80	111902.0242	1.11472E+08	17062.0511	2460832.41
85	2202321-1 100X	1.0661	110407.40	-0.0025	31.33	5.3947	123860.63	11459.3337	11842983.99	1753.6880	267396.59
86	2202321-2 10X	4.0688	419516.05	-0.0026	28.67	12.4602	269853.71	78985.4993	80139748.81	13957.0048	2043526.53
87	2202321-3 10X	1.6383	169949.73	-0.0027	26.67	13.1419	283768.74	46850.8854	47769254.29	5529.1148	826322.62
88	2202321-4 10X	22.5349	2122183.83	-0.0012	64.00	46.6483	890749.69	1.16486E+06	9.82997E+08	27107.2335	3341394.53
89	2202321-5 10X	30.4455	2438230.33	-0.0006	69.33	72.5680	1172300.89	3.46747E+06	2.44542E+09	58642.1898	5914615.74
90	2202321-6 10X	33.8626	2830835.33	-0.0012	57.33	71.4981	1206417.45	3.40808E+06	2.48292E+09	55237.7108	5724109.71
91	CCV	91.0214	8761442.00	4.2880	118871.74	91.6544	1777144.93	10294.7066	10352988.39	974.0473	144604.88
92	CCB	0.2380	29956.38	-0.0026	32.67	1.8489	59300.20	371.7559	443479.67	0.9412	266.68
93	2202321-7 10X	39.4805	3690526.67	-0.0013	61.33	172.6177	3238085.29	2.25208E+06	1.79448E+09	62836.6780	7337366.35

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	4.0839	482603.19	-0.0029	24.00	41.6710	996639.34	151258.9807	1.57194E+08	7369.5646	1103884.51
95	2202321-9 10X	2.9829	311674.81	-0.0032	10.00	29.1245	619170.50	105577.3482	1.08061E+08	5757.4174	853500.59
96	2202321-10 10X	1.7236	166985.35	-0.0029	18.00	14.0638	282776.35	35759.8298	35874861.13	4132.4756	605381.72
97	2202321-11 10X	45.2248	4324682.67	-0.0023	36.00	60.7407	1174333.46	522740.6534	4.60756E+08	103548.9749	13422258.13
98	2202321-11 100X	4.5826	441726.86	-0.0032	10.00	10.2764	210476.60	50276.0368	49451219.26	10417.1021	1515992.37
99	2202321-12 10X	28.8549	2651285.50	-0.0023	34.00	26.4768	498830.09	206816.0078	1.88353E+08	37315.9714	4973740.03
100	2202321-12 100X	2.9953	264596.42	-0.0030	14.67	5.3801	106506.92	20760.6646	19469835.96	3837.0269	528319.95
101	2202321-13 10X	73.9053	6298905.50	-0.0016	48.67	94.7110	1624897.71	2.52841E+06	1.87034E+09	94637.5717	10316500.26
102	CCV	87.8101	7835172.17	4.1464	106602.66	89.7640	1613901.71	9926.4110	9522595.69	990.0867	140427.01
103	CCB	0.1252	12810.87	-0.0031	13.33	1.9188	46564.46	307.8525	334725.74	1.2381	276.68
104	2202321-14 10X	45.0373	4184919.83	-0.0024	32.67	55.9787	1052853.95	545097.7769	4.70771E+08	88759.2939	11318903.58
105	2202321-14 100X	4.6134	406316.67	-0.0032	10.00	9.8646	184982.79	52188.8526	47561677.62	8979.2594	1213991.18
106	2202321-15 10X	4.3094	391753.00	-0.0031	12.67	8.6949	169834.35	15251.6114	14716818.53	4027.9711	566814.60
107	2202321-16 10X	3.3606	309228.31	-0.0031	12.00	18.7199	355201.04	74866.1098	72360692.26	5638.5840	788962.57
108	2202321-16 100X	0.4313	41038.75	-0.0031	12.00	3.6393	79014.88	7712.8788	7518990.31	562.9793	81243.73
109	CCV	86.5850	7896688.33	4.0988	107704.51	87.8963	1615774.76	9932.4704	9404604.65	989.5151	139509.32
110	CCB	0.0697	8369.44	-0.0027	24.67	1.7191	45902.57	162.5197	204458.58	0.6168	196.68
111	RINSE	0.0882	9178.54	-0.0027	22.67	1.0080	29300.80	145.6336	172314.31	0.7115	190.01
112	RINSE	0.0808	8822.34	-0.0030	13.33	0.6967	24706.89	129.8064	161849.69	1.2409	270.02
113	RINSE	0.0673	7830.52	-0.0028	19.33	0.5242	22245.73	111.4479	149267.50	0.9240	233.35
114	RINSE	0.0642	7012.82	-0.0028	19.33	0.5673	21389.08	112.2774	140579.65	0.7977	200.01

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0688	210.01	-4.4406	7115.16	-17.7187	427.05	0.6738	160.04	0.0416	575.68
2	BLANK	0.0000	173.34	0.0000	8195.76	0.0000	781.76	0.0000	16.67	0.0000	243.00
3	H/1000	5.1799	2053.57	44.9674	20346.70	20.0836	1288.66	3.1721	686.71	0.0977	1063.37
4	H/100	51.8372	18781.23	465.5537	124477.05	485.0813	11843.53	30.6119	6438.25	0.9457	7936.26
5	H/10	523.0206	196080.68	4787.1839	1229033.60	5001.7910	119467.61	293.9696	64403.81	9.5126	80677.50
6	HIGH	4997.6794	2088896.01	50021.6311	12469557.73	47460.7002	1257050.50	3000.5968	733339.68	100.0493	902190.21
7	RINSE	-0.0197	200.01	-3.5112	8152.39	-16.9017	501.74	0.1535	56.67	0.0130	388.34
8	ICV	1023.0619	380547.52	9016.1202	2269690.44	9820.7797	231997.33	393.7702	85618.65	18.8925	159562.53
9	ICB	-0.0559	170.01	0.3032	8932.72	2.3599	916.29	0.1463	50.00	-0.0041	234.00
10	LIV	10.1619	3913.97	82.0236	29109.87	94.6725	3039.42	19.1410	4120.70	0.4632	4032.18
11	ICSA	9588.3821	3552911.72	9180.5959	2278909.76	29601.7370	695188.74	196.2159	42512.56	0.0039	300.00
12	ICSAB	10037.0798	3983534.42	14398.7249	3670881.82	34555.1179	869113.95	500.8966	116263.38	9.7838	88005.26
13	CCV	518.1760	204402.25	4792.7241	1253392.35	4920.1224	123668.79	290.1838	66870.42	9.4326	83797.53
14	CCB	0.0057	193.34	1.7678	9423.04	7.5712	1047.82	0.0210	23.33	-0.0043	233.00
15	IP220310-1MB ...	0.5690	420.02	-9.5281	6735.06	-3.3394	817.00	0.1634	56.67	-0.0029	253.00
16	IM220310-1RVS...	5.7490	2453.63	36.9316	19011.54	32.7588	1714.59	8.8000	2036.88	0.2143	2143.48
17	IM220310-1LCS...	505.3385	201794.71	468.4966	136190.19	1042.8453	27257.79	201.7899	47091.95	9.2465	83808.64
18	IM220310-1LCS...	498.8671	204615.89	476.8863	137710.39	1030.0578	27663.93	196.1331	47015.20	9.2627	85052.12
19	2203068-1 10X	4734.4763	1982705.65	2068.0103	561596.84	17733.4566	471148.85	82.3847	20196.50	8.6338	81337.45
20	2203068-1 100X	499.4513	197921.29	184.6032	59035.79	1756.2189	44955.86	8.8245	2060.21	0.8435	7919.91
21	2203068-2 10X	4256.7114	1915232.42	2025.9281	582387.00	16065.5080	458536.47	82.9033	21828.53	8.3032	84020.74
22	2203068-2 100X	457.8895	184786.54	188.0725	59852.77	1599.2914	41739.32	8.2406	1960.22	0.8116	7691.47
23	2203068-3 10X	4853.0782	2043359.19	2019.1182	551662.31	34084.7522	909425.13	91.3854	22519.55	8.9456	85819.36
24	2203068-3 100X	516.4939	217094.40	180.4503	60316.74	3433.8359	92250.17	10.1252	2506.99	0.8912	8756.00
25	CCV	520.8070	215874.83	4538.4106	1256031.02	4934.2486	130288.36	294.0567	71217.67	9.4248	88275.73
26	CCB	0.0757	210.01	3.2721	9229.59	6.3582	970.43	-0.0679	3.33	-0.0033	228.67
27	2203068-4 10X	4374.5591	1841215.49	1924.8101	533021.92	27823.1854	742250.97	91.6075	22559.68	8.1901	78502.27
28	2203068-4 100X	467.8176	188699.89	177.4759	57985.47	2797.6112	72305.41	10.1710	2416.96	0.8056	7686.47
29	2203068-5 10X	6756.6467	2697384.54	3037.7184	801562.78	14507.4632	367539.31	121.3614	28345.28	11.3201	103645.68
30	2203068-5 100X	726.1315	271328.07	282.6129	80850.60	1394.7507	33828.10	11.7980	2593.66	1.1344	9859.63
31	2203068-6 10X	3393.3299	1394914.04	1382.8251	375759.62	11110.2174	290031.24	75.1264	18084.10	6.8732	64266.66

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	358.3635	149718.97	121.8133	44290.37	1078.7130	29459.27	8.1135	2000.20	0.6699	6659.70
33	2203068-7 10X	6916.3496	3023397.35	3359.5685	949360.46	13530.9951	375954.13	124.5230	31942.56	11.5255	116103.28
34	2203068-7 100X	720.0776	289483.46	301.9743	91053.10	1300.5988	33999.43	11.3538	2687.02	1.1150	10376.27
35	2203068-8 10X	3061.8804	1157421.28	1143.3872	297137.09	17983.1186	431186.53	76.8053	16992.85	6.5196	56130.70
36	2203068-8 100X	309.7817	122963.97	103.0656	37359.90	1739.1004	44561.10	7.6900	1800.20	0.6164	5842.71
37	CCV	511.2585	200528.57	4721.2424	1262457.79	4887.9347	122158.15	288.3218	66073.62	9.3721	82286.20
38	CCB	0.1181	246.68	0.2969	9343.04	4.5865	1016.21	0.0328	26.67	-0.0058	225.00
39	2203068-9 10X	3899.6582	1755931.12	2088.0782	611858.72	6855.2695	196418.45	101.8374	26829.55	7.5752	77982.12
40	2203068-9 100X	396.7502	176079.83	190.9877	65437.37	637.9931	18919.32	9.3057	2433.62	0.7500	7720.82
41	2203068-10 10X	4146.1621	1726673.93	2347.1408	619491.69	7532.6805	199550.30	96.4556	23507.62	7.8360	74098.50
42	2203068-10 100X	433.1766	176405.03	213.6299	66888.94	725.0523	19602.96	9.8907	2370.28	0.7499	7243.60
43	CCV	524.5037	232829.04	4851.2212	1399196.96	5031.6989	142295.41	292.9201	75976.15	9.5951	95185.71
44	CCB	0.0776	263.34	4.1301	11457.79	9.5115	1299.48	0.1465	60.01	-0.0067	251.33
45	IP220307-1MB ...	0.4130	416.70	-5.4238	8532.58	-8.4302	798.25	0.1063	50.00	-0.0045	274.67
46	IM220307-1LCS...	520.2782	239327.61	518.8769	163092.72	1094.2830	32893.88	207.2221	55702.02	9.5169	98245.51
47	IM220307-1LCS...	524.8512	253641.38	537.8018	175554.96	1113.8933	35158.91	203.6619	57511.81	9.5186	104021.09
48	2202268-1 10X	26.9522	13419.28	51801.0709	14915718.11	412.3897	13882.35	0.7340	233.34	0.0748	1094.71
49	2202268-2 10X	28.8316	11164.19	8319.4027	1554770.03	2.41374E+06	58176329.36	1.2025	286.68	0.4570	4000.84
50	2202268-3 10X	39.1859	21524.60	31895.1739	10054271.52	984.4536	35027.68	1.4813	496.70	0.1196	1735.77
51	CCV	529.5759	262427.93	5140.4720	1600334.20	5122.0980	161646.67	294.9562	85411.80	9.8365	107950.31
52	CCB	0.3046	413.36	11.4767	14850.59	23.9995	1937.69	0.0182	30.00	-0.0016	340.68
53	IP220309-4MB ...	0.8102	663.38	1.9348	11571.19	2.5757	1238.12	0.0295	33.33	0.0035	391.68
54	IM220309-4LCS...	532.3433	261541.50	547.9540	180986.23	1130.0759	36239.80	211.8290	60813.25	9.8883	107731.93
55	IM220309-4LCS...	525.4293	261660.45	547.4833	183187.06	1085.7423	35346.27	204.3163	59431.56	9.8075	107971.76
56	2203118-1 10X	1.0091	763.39	1900.7176	597985.66	14628.3494	466120.97	0.0068	26.67	0.0288	660.69
57	2203118-1 100X	0.4385	476.70	181.4234	69630.37	1443.4401	47081.20	-0.0612	6.67	0.0002	359.01
58	2203118-1 1000X	0.2721	383.36	17.9366	16679.04	137.5434	5389.43	-0.0023	23.33	-0.0038	310.34
59	2203118-2 10X	1.2561	870.06	581.0190	188996.08	28709.6292	897645.89	0.0553	40.00	0.0300	673.02
60	2203118-2 100X	0.4426	476.69	56.1663	28993.03	2882.3181	92442.10	0.0646	43.33	0.0012	366.68
61	2203118-2 1000X	0.2196	360.02	5.6826	12678.69	268.1802	9506.17	-0.0607	6.67	-0.0030	317.00
62	CCV	528.3657	254023.01	5079.9669	1564051.54	5133.1008	157169.21	293.8817	82550.61	9.7426	103942.24

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.0119	240.01	-0.1659	10537.18	3.3261	1211.36	0.0238	30.00	-0.0020	316.33
64	2203118-3 10X	1.6780	1090.09	277.9686	97972.01	8489.1858	268955.23	0.1560	70.00	0.1095	1545.75
65	2203118-3 100X	0.3505	400.02	29.7626	19025.03	826.5025	25346.40	0.0507	36.67	0.0082	411.68
66	2203118-3 1000X	1.0845	773.39	2.5490	11534.46	63.2766	3067.79	0.0792	46.67	-0.0018	319.67
67	CCV	531.4659	261828.38	5106.9622	1603793.36	5067.1398	159025.72	297.5944	85665.90	9.6820	106211.70
68	CCB	-0.2257	126.67	-3.4990	9089.54	5.0434	1163.16	0.0812	43.34	-0.0022	293.67
69	IP220310-4MB ...	0.5210	483.36	-1.7737	10046.83	-6.8567	875.47	0.0622	40.00	0.0015	343.34
70	IM220310-4RVS...	4.8789	2526.97	44.5524	24061.65	38.1210	2209.70	9.0717	2510.31	0.2260	2658.22
71	IM220310-4LCS...	500.3707	244514.97	492.6863	166448.35	1027.3667	32874.12	196.5736	56133.52	9.2821	100635.65
72	IM220310-4LCS...	506.3711	251187.44	510.1894	171123.63	1036.9540	33669.62	199.2222	57748.60	9.4294	103167.79
73	2203029-1	1.0328	1073.41	2695.1592	745544.05	60147.1727	2646244.91	0.3110	160.01	0.0835	1188.38
74	2203029-1 10X	0.5730	543.37	246.5308	89347.12	8855.8801	282327.35	-0.0269	16.67	0.0065	426.34
75	2203029-1 100X	0.3326	420.02	22.0828	18307.47	863.0960	28409.85	-0.0270	16.67	-0.0026	325.00
76	2203149-1 10X	48.6135	24385.55	749.8623	250496.31	69.9852	3339.62	0.6089	200.07	0.0109	466.01
77	CCV	537.5240	255738.24	4873.2886	1508528.00	5120.2375	155200.40	297.5494	82732.05	9.6027	103448.44
78	CCB	-0.0912	193.34	-3.8180	9266.38	3.6037	1171.54	-0.0105	20.00	-0.0026	301.33
79	CCV	526.2051	247979.34	4859.6314	1498835.24	5091.4281	152829.92	294.1083	80980.17	9.6620	102045.18
80	CCB	-0.1201	190.01	-4.8927	9426.38	7.4524	1352.29	-0.0253	16.67	-0.0043	298.67
81	IP220302-4MB ...	1.7663	1036.75	-1.2067	9806.62	-3.3113	944.13	0.1059	50.00	0.0023	342.34
82	IM220302-4LCS...	511.4840	245240.26	511.3192	167615.76	1060.4316	33258.87	199.4615	55889.66	9.6530	102707.02
83	IM220302-4LCS...	505.6345	246276.92	510.2796	169974.93	1064.1316	33894.97	200.3489	57026.38	9.5850	102689.07
84	2202321-1 10X	0.5845	513.37	3558.9284	1035273.29	29677.3002	883229.98	0.2188	83.34	55.1945	566155.69
85	2202321-1 100X	0.3497	416.69	343.1203	117442.58	3021.7842	94036.91	-0.0026	23.33	5.3701	58524.59
86	2202321-2 10X	0.6468	553.37	2238.2367	665367.10	25217.2263	764317.80	0.1181	56.67	0.0274	615.35
87	2202321-3 10X	0.7580	610.05	1945.6824	593870.59	12390.5342	377912.34	-0.0018	23.33	0.0334	692.02
88	2202321-4 10X	0.6961	480.03	24783.5403	5492704.08	66632.6513	1678940.51	0.1132	46.67	0.0103	368.01
89	2202321-5 10X	0.7775	426.70	102802.0346	16960445.16	158758.1014	3342887.68	0.2254	60.00	0.0227	390.34
90	2202321-6 10X	2.5415	1050.09	102172.2003	17089482.66	152452.1773	3315475.27	0.2503	66.67	0.0290	447.34
91	CCV	506.7422	239611.88	4865.9658	1469572.06	4879.7831	147010.33	286.8431	79250.99	9.3152	98560.57
92	CCB	-0.1298	193.34	7.5900	13556.05	7.1716	1401.29	0.0393	36.67	-0.0023	338.01
93	2202321-7 10X	0.8542	513.37	75540.5118	14790278.94	143916.9827	3423478.68	0.5100	130.01	0.2553	2383.18

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.9336	706.71	4273.5801	1250212.64	13886.0621	431824.73	0.0677	43.33	0.1371	1797.10
95	2202321-9 10X	0.8292	646.72	3564.3439	1055188.97	9544.3543	292586.51	0.0935	50.00	0.0104	443.34
96	2202321-10 10X	0.5339	493.37	1138.7201	348705.88	8893.4219	267066.35	-0.0235	16.67	0.0098	432.68
97	2202321-11 10X	0.9165	593.37	11536.0438	2853861.63	52573.4397	1383960.83	0.2859	90.00	1.2197	11530.03
98	2202321-11 100X	0.5194	476.70	1086.3235	331266.85	4972.8101	146957.94	-0.0104	20.00	0.1164	1532.41
99	2202321-12 10X	0.8809	596.71	9839.4894	2587506.89	47900.1590	1303082.22	0.5187	150.01	10.6159	100878.13
100	2202321-12 100X	0.5982	490.06	955.1402	280184.08	4703.5710	132424.48	-0.0581	6.67	1.0207	10299.23
101	2202321-13 10X	0.4437	333.35	75258.2282	14139772.71	129526.7695	2860717.05	0.3804	93.34	0.4107	3427.37
102	CCV	505.4684	228006.97	4681.4858	1389899.09	4828.9409	138760.33	281.1138	74057.33	9.1826	92832.71
103	CCB	-0.0936	190.01	0.1030	10350.34	1.6833	1093.60	-0.0336	13.33	-0.0027	292.67
104	2202321-14 10X	1.6046	860.07	17084.0763	4195420.25	52449.7366	1352890.83	0.6034	163.34	3.7629	34396.19
105	2202321-14 100X	0.3819	383.35	1657.4488	463656.56	5027.5864	137641.96	0.0352	30.00	0.3578	3743.44
106	2202321-15 10X	0.8787	630.04	802.4239	244463.99	11726.0412	337946.19	0.0165	26.67	5.7271	57596.42
107	2202321-16 10X	0.8070	600.04	1319.4028	391236.66	7148.3495	207186.53	0.0787	43.33	0.4514	4804.38
108	2202321-16 100X	0.3431	390.02	129.1352	48672.83	698.2830	21263.15	-0.0096	20.00	0.0384	717.69
109	CCV	506.7069	225551.55	4640.5116	1369167.12	4888.4492	138643.52	286.5583	74529.12	9.2646	93093.43
110	CCB	-0.1613	166.68	0.3860	10567.13	7.6218	1330.47	0.0473	36.67	0.0000	334.01
111	RINSE	0.3087	360.02	5.1205	11147.51	-14.6413	603.82	0.0717	40.00	0.0181	473.68
112	RINSE	0.4261	423.36	5.8783	11647.83	-16.7872	560.39	0.0669	40.00	0.0132	441.34
113	RINSE	0.4380	443.36	4.1207	11397.82	-12.0365	718.96	0.0741	43.33	0.0146	471.01
114	RINSE	0.6239	496.70	5.8174	11110.83	-14.0696	617.06	0.0983	46.67	0.0149	439.68

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0756	1554.55	-0.0072	267.79	-0.0549	4947.65	0.0019	98.89	0.0044	188.89
2	BLANK	0.0000	822.26	0.0000	322.23	0.0000	5521.02	0.0000	66.67	0.0000	170.00
3	H/1000	0.4797	5920.03	0.2077	2009.04	5.1714	62790.96	0.1041	1840.13	0.5025	2621.36
4	H/100	4.7400	49198.84	1.8582	14784.58	49.7451	537009.07	1.0665	17976.67	5.1079	24262.56
5	H/10	48.9913	512558.38	19.0150	151755.10	474.8277	5198013.26	10.7534	188047.22	51.1782	247299.93
6	HIGH	500.1035	5104803.69	200.0999	1557166.75	5002.5196	53463482.54	99.9240	1862607.43	499.8811	2359076.02
7	RINSE	0.0757	1727.90	-0.0088	284.45	0.0551	6741.76	0.0023	117.78	0.0126	251.12
8	ICV	99.0233	1018447.11	37.2824	292405.46	907.5365	9770286.52	21.3084	371595.60	98.8123	469636.06
9	ICB	0.0048	938.93	-0.0010	340.01	-0.0600	5309.52	-0.0002	71.11	-0.0088	141.12
10	LIV	0.9647	10742.52	0.4554	3893.86	10.4892	118268.45	0.5361	9102.64	2.0131	9709.66
11	ICSA	0.2317	3203.70	0.7205	5900.03	22810.4764	2.41944E+08	0.0522	982.26	0.0306	320.01
12	ICSAB	52.3864	546910.31	21.0119	167277.85	23875.4650	2.60549E+08	10.5912	196419.16	52.6907	254082.17
13	CCV	49.2133	524552.57	19.2964	156876.50	480.6825	5361333.88	10.5081	192472.35	51.1244	251686.92
14	CCB	-0.0019	878.93	0.0020	368.90	0.0545	6645.09	-0.0015	47.78	-0.0078	147.78
15	IP220310-1MB ...	0.0664	1669.00	0.0080	433.35	0.7313	14759.29	0.0003	82.22	-0.0043	171.11
16	IM220310-1RVS...	0.5101	6488.02	0.2488	2429.11	5.3853	67710.99	0.2496	4575.15	0.9045	4754.09
17	IM220310-1LCS...	49.4805	549884.59	9.5319	80992.19	452.0952	5257903.15	10.5891	197858.48	51.5955	264844.35
18	IM220310-1LCS...	50.3229	556281.68	9.7274	82205.90	457.2352	5289139.82	10.6168	200984.53	52.4492	267783.38
19	2203068-1 10X	8.1862	90529.50	918.2481	7663416.92	20332.8171	2.33045E+08	3.7303	72485.49	9.6634	49095.51
20	2203068-1 100X	0.7789	9531.76	94.2622	793850.70	1934.9492	22373897.17	0.3664	6931.56	0.9009	4790.76
21	2203068-2 10X	7.9239	92754.89	1039.7565	9181121.30	22515.8076	2.73035E+08	3.4924	72885.24	9.0609	48720.06
22	2203068-2 100X	0.7709	9425.02	109.1648	917559.24	2201.6230	25410455.46	0.3473	6629.20	0.8745	4648.50
23	2203068-3 10X	8.0779	89839.25	631.0305	5295193.40	12348.1068	1.42304E+08	3.3685	66656.72	9.4519	48288.68
24	2203068-3 100X	0.7621	9735.22	65.0937	571068.16	1202.8129	14489605.20	0.3372	6698.12	0.9239	5113.10
25	CCV	48.9106	551432.34	19.1561	164703.44	469.1995	5535135.75	10.3865	200572.29	50.1796	261313.92
26	CCB	0.0084	930.04	0.0078	391.12	0.0829	6551.68	-0.0003	64.44	-0.0049	152.23
27	2203068-4 10X	6.9887	78830.33	652.5125	5544576.03	12931.3009	1.50901E+08	2.9804	58936.66	8.1350	42117.50
28	2203068-4 100X	0.6916	8697.96	68.4242	585177.32	1280.4817	15037019.36	0.3015	5803.33	0.7582	4125.03
29	2203068-5 10X	10.5514	113707.79	1083.9266	8834601.59	16088.3963	1.80090E+08	4.6626	88110.97	11.3037	56057.43
30	2203068-5 100X	1.0149	11486.36	113.7315	906363.05	1582.5946	17319602.24	0.4899	8639.05	1.1307	5645.51
31	2203068-6 10X	6.4498	70980.39	1082.3641	8963984.92	15328.4169	1.74344E+08	2.7543	53104.58	6.6914	33796.05

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.6294	8291.09	110.0416	974932.53	1450.5805	17649687.65	0.2776	5532.12	0.6278	3575.99
33	2203068-7 10X	11.0365	127422.75	1214.2516	10605945.69	17602.2797	2.11152E+08	4.9281	102427.51	12.4372	66064.03
34	2203068-7 100X	1.0255	12309.12	123.6552	1045857.81	1665.9878	19350999.71	0.5021	9469.52	1.1746	6215.71
35	2203068-8 10X	5.8250	61091.46	1069.4660	8428309.39	14466.4903	1.56579E+08	2.5562	45370.38	6.1186	29422.02
36	2203068-8 100X	0.5625	7200.56	110.7510	940205.28	1396.7533	16284795.18	0.2458	4662.95	0.5775	3165.91
37	CCV	47.6675	519464.08	18.7075	155509.46	463.2487	5282316.07	10.4561	189274.61	49.9525	251413.83
38	CCB	0.0005	934.49	0.0145	485.57	0.1372	7826.24	-0.0009	60.00	-0.0165	107.78
39	2203068-9 10X	6.8180	81529.90	1176.9054	10598349.30	15849.3267	1.96010E+08	2.8411	60311.76	7.2618	39861.95
40	2203068-9 100X	0.6566	8811.34	121.6755	1103593.08	1536.6191	19141870.13	0.2966	6145.69	0.6976	4043.90
41	2203068-10 10X	7.4511	80317.22	1087.8839	8839850.76	15422.5960	1.72107E+08	3.0410	59302.43	7.9688	39450.95
42	2203068-10 100X	0.6965	8626.81	110.5154	931190.21	1467.2967	16978929.75	0.3013	5853.36	0.7102	3820.51
43	CCV	50.3661	592022.61	19.7174	176778.68	489.4242	6019502.20	10.4845	214451.77	51.8937	281744.69
44	CCB	0.0053	1091.16	0.0119	513.35	0.1776	9166.68	-0.0015	56.67	-0.0109	151.11
45	IP220307-1MB ...	0.0999	2219.07	0.2130	2353.54	96.3568	1221900.71	0.0028	145.56	0.0139	287.79
46	IM220307-1LCS...	53.5047	647158.55	10.2808	95045.48	495.9875	6278121.37	10.8905	231787.43	55.2974	308942.38
47	IM220307-1LCS...	54.1730	682033.25	10.3836	99918.93	489.5404	6449688.45	10.6418	239780.98	55.3741	322018.55
48	2202268-1 10X	1.0849	13787.00	3.9820	36180.98	432.2283	5342422.84	0.0499	1150.06	0.6822	3924.97
49	2202268-2 10X	0.4942	4412.88	6.3500	37170.91	171.8342	1376378.83	0.0784	1398.97	0.5007	1897.92
50	2202268-3 10X	0.4428	6801.49	25.5495	251736.59	2164.5926	29247366.23	0.3014	7248.38	0.4160	2705.82
51	CCV	52.4862	666149.97	20.3914	197406.56	499.6281	6635967.40	10.5908	239644.42	53.1562	311634.52
52	CCB	0.0051	1185.61	0.0261	702.25	0.1850	10072.02	-0.0011	72.22	-0.0120	157.78
53	IP220309-4MB ...	0.0349	1553.43	0.0347	775.58	0.6722	16553.34	-0.0004	87.78	-0.0084	176.67
54	IM220309-4LCS...	55.0967	702648.95	10.4691	102049.25	491.5160	6560254.69	11.1339	250126.31	56.2663	331473.63
55	IM220309-4LCS...	54.2964	701421.47	10.3614	102315.97	487.1873	6586684.28	10.8693	246736.92	55.3290	330171.11
56	2203118-1 10X	0.0633	1869.02	25.0164	241908.10	85.2631	1137599.38	0.1501	3484.87	0.7088	4370.64
57	2203118-1 100X	0.0151	1314.51	2.4107	24727.57	8.1387	120132.31	0.0142	428.90	0.0499	535.57
58	2203118-1 1000X	0.0243	1417.86	0.2503	2920.31	1.5323	28325.78	0.0005	107.78	-0.0090	173.34
59	2203118-2 10X	1.6522	21850.25	0.5847	6024.52	12.0775	166222.16	0.0378	947.82	113.8123	662269.91
60	2203118-2 100X	0.1743	3392.64	0.0867	1300.07	2.8725	46865.57	0.0027	160.00	11.4386	69551.19
61	2203118-2 1000X	0.0428	1645.67	0.0070	496.68	0.1778	9746.80	-0.0020	51.11	1.1348	7016.04
62	CCV	51.7977	650151.31	19.9879	191363.28	489.5805	6430700.32	10.4688	230312.11	51.7238	299896.61

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0092	1178.95	0.0087	500.01	-0.0914	5935.25	-0.0014	61.11	-0.0142	136.67
64	2203118-3 10X	0.1113	2514.67	0.1394	1790.12	2.9520	46987.06	0.0012	122.23	0.0882	747.81
65	2203118-3 100X	0.0219	1290.07	0.0108	501.13	0.3853	11778.16	-0.0008	73.34	-0.0078	167.78
66	2203118-3 1000X	0.0401	1591.21	0.0285	700.03	2.1326	35725.00	-0.0014	62.22	0.0044	248.89
67	CCV	51.6599	661380.72	19.9989	195303.95	492.3568	6596053.86	10.4920	237315.55	52.1028	308130.68
68	CCB	0.0070	1097.84	-0.0006	392.24	-0.1329	5137.93	-0.0014	57.78	-0.0161	120.00
69	IP220310-4MB ...	0.0390	1554.54	-0.0035	382.23	0.0042	7195.35	-0.0001	88.89	-0.0032	201.11
70	IM220310-4RVS...	0.5353	7730.83	0.2388	2683.59	5.2413	75532.08	0.2453	5319.83	0.9387	5634.39
71	IM220310-4LCS...	50.7218	657377.34	9.7150	96266.01	456.0345	6185637.20	10.4345	233228.36	52.2089	312549.27
72	IM220310-4LCS...	52.2848	674195.88	9.9986	98555.67	470.2964	6346222.82	10.6426	240079.90	53.6613	319606.53
73	2203029-1	0.3373	4717.41	0.4717	4394.00	5.7803	74071.48	0.0022	137.78	0.0385	394.46
74	2203029-1 10X	0.0506	1760.20	0.0475	902.26	0.4668	13760.46	0.0005	107.78	-0.0137	144.45
75	2203029-1 100X	0.0226	1420.08	-0.0046	391.12	0.1657	9844.60	-0.0011	72.22	-0.0204	106.67
76	2203149-1 10X	0.1590	3185.97	6.6499	66779.02	39.8108	552915.90	0.0116	356.68	0.3283	2214.63
77	CCV	50.9507	642797.72	19.8058	190593.56	486.4044	6421450.94	10.4172	231376.70	51.9858	302937.22
78	CCB	0.0013	1061.16	-0.0017	393.34	-0.1405	5202.33	-0.0014	60.00	0.0002	217.89
79	CCV	50.3624	633189.06	19.3835	185881.80	476.7633	6272033.86	10.4691	227985.75	51.2417	297560.70
80	CCB	0.0054	1173.39	-0.0011	421.12	-0.1417	5467.98	-0.0019	52.22	-0.0184	116.67
81	IP220302-4MB ...	0.0362	1455.64	0.0004	402.23	0.0501	7485.86	-0.0014	60.00	-0.0020	198.90
82	IM220302-4LCS...	53.0404	668545.83	10.0649	96972.22	477.3562	6296543.03	10.8325	237639.61	54.3454	316418.93
83	IM220302-4LCS...	52.5784	673368.10	10.0018	97911.99	471.0661	6313719.49	10.8004	238566.66	53.6457	317345.01
84	2202321-1 10X	0.1223	2440.21	3.7256	33920.60	0.2501	9783.46	0.0213	541.13	0.6875	3957.21
85	2202321-1 100X	0.0271	1420.09	0.3569	3889.40	0.3556	11977.07	0.0024	147.78	0.0700	634.47
86	2202321-2 10X	0.0360	1444.53	0.1767	2012.38	0.4473	12418.67	0.0011	114.45	0.0396	428.90
87	2202321-3 10X	0.0494	1643.43	0.0096	496.68	0.5094	13519.62	-0.0010	71.11	-0.0137	136.67
88	2202321-4 10X	0.0654	1358.97	44.4076	307303.10	74.7684	715026.63	0.5735	10466.80	0.0675	441.13
89	2202321-5 10X	0.0887	1170.06	54.3345	280152.80	132.6935	942617.36	0.0655	1032.27	0.1621	624.46
90	2202321-6 10X	0.0784	1115.61	243.0660	1269683.18	244.6679	1758555.91	0.0763	1226.73	0.0388	242.23
91	CCV	50.0167	615625.98	19.4791	182871.16	473.5501	6099397.82	10.0268	218727.12	50.0172	284371.66
92	CCB	0.0151	1313.41	-0.0014	422.24	-0.1249	5761.48	-0.0013	70.00	-0.0192	113.33
93	2202321-7 10X	0.0923	1416.75	187.6421	1147265.48	41.6534	354209.07	0.1413	2500.23	0.7299	2845.85

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.1887	3247.04	0.0535	878.92	1.5399	25925.42	-0.0008	75.56	0.0110	267.78
95	2202321-9 10X	0.0417	1514.55	64.2848	589216.42	16.3697	212716.70	0.0041	182.23	-0.0115	145.56
96	2202321-10 10X	0.0274	1361.21	43.2163	401659.00	33.3118	431680.74	0.0098	301.12	-0.0083	165.56
97	2202321-11 10X	0.0407	1264.51	780.9757	6017658.23	0.8832	15074.42	0.3873	7457.36	1.3482	6474.70
98	2202321-11 100X	0.0078	1116.72	77.0863	712057.23	-0.1024	5568.21	0.0374	887.81	0.0940	736.69
99	2202321-12 10X	0.0440	1377.86	1.2153	10303.37	1.9864	28422.51	0.0020	121.11	0.1475	920.04
100	2202321-12 100X	0.0197	1207.84	0.1241	1481.21	0.1880	8857.40	-0.0017	51.11	-0.0054	173.34
101	2202321-13 10X	0.0820	1280.07	1092.4683	6408376.41	1.4868	16332.64	0.5588	9020.36	1.0336	3810.50
102	CCV	47.8759	579156.28	18.7384	172897.81	456.0501	5772659.50	9.9947	208305.86	48.5373	271179.23
103	CCB	-0.0020	1011.16	-0.0014	392.23	-0.0646	6123.88	-0.0013	60.00	-0.0281	54.44
104	2202321-14 10X	0.0367	1215.62	612.7554	4691912.59	0.4616	10547.23	0.2187	4179.48	0.9942	4790.77
105	2202321-14 100X	0.0243	1220.06	60.9296	521965.59	0.1325	7923.03	0.0205	491.13	0.0729	574.46
106	2202321-15 10X	0.0299	1366.74	58.1861	531329.30	2.3151	35796.75	0.1400	2982.54	0.2132	1388.97
107	2202321-16 10X	0.0222	1262.29	5.3640	48814.37	0.1769	8906.21	0.0129	352.23	0.0922	711.14
108	2202321-16 100X	0.0076	1121.17	0.5345	5370.97	0.0385	7402.33	-0.0007	74.45	-0.0192	104.45
109	CCV	48.3123	580715.36	18.9018	173299.10	459.8855	5784595.54	10.0031	207222.74	48.6585	270137.15
110	CCB	0.0064	1127.83	0.0029	437.79	-0.1745	4774.25	-0.0016	57.78	-0.0234	82.22
111	RINSE	0.0834	1935.70	0.0159	521.13	0.3269	10490.74	-0.0011	61.11	-0.0161	115.56
112	RINSE	0.0711	1841.24	0.0060	445.57	0.3214	10694.70	-0.0011	63.33	-0.0178	108.89
113	RINSE	0.0598	1744.56	0.0082	475.57	0.3034	10707.49	-0.0001	85.56	-0.0093	158.89
114	RINSE	0.0643	1681.22	0.0114	472.24	0.3363	10387.10	-0.0003	76.67	-0.0145	121.11

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0046	1263.40	-0.3157	916.74	0.0058	13.67	-0.0031	0.53	-0.0103	110.01
2	BLANK	0.0000	1217.84	0.0000	1723.50	0.0000	7.67	0.0000	1.07	0.0000	183.34
3	H/1000	1.0936	13960.56	1.7224	6578.26	0.1044	117.00	0.0865	16.93	0.0757	793.39
4	H/100	10.5527	119901.22	19.7640	54452.42	1.0474	1086.37	0.9678	173.07	0.9624	7695.53
5	H/10	105.9984	1221360.75	200.0264	547357.41	10.0007	10725.88	9.9688	1813.84	9.8539	80130.86
6	HIGH	999.3945	11243182.05	1825.7411	4867018.99	99.9994	114295.72	100.0035	17767.65	100.0150	865299.39
7	RINSE	0.0268	1667.89	-0.3944	796.73	0.0021	11.00	0.0086	2.80	-0.0029	183.34
8	ICV	209.1996	2370526.85	394.1227	1059347.30	19.4927	20845.99	19.6050	3508.65	19.5068	158035.88
9	ICB	-0.0021	1291.18	-0.0770	1650.16	0.0033	12.00	0.0163	4.13	-0.0077	140.01
10	LIV	2.1626	25687.04	9.7651	27921.84	0.1929	207.33	1.0394	186.40	0.4531	3737.28
11	ICSA	0.0333	1637.89	0.5607	3273.83	0.0172	26.67	0.0275	6.00	0.2865	2516.99
12	ICSAB	107.6950	1238245.92	221.7458	605327.66	10.0648	11450.72	10.0953	1833.04	10.1404	87452.64
13	CCV	106.4382	1249576.44	199.7757	556935.41	9.8888	11109.82	10.1427	1879.84	9.7576	83116.32
14	CCB	-0.0076	1241.17	-0.0432	1763.51	-0.0014	7.00	0.0080	2.67	0.0004	206.68
15	IP220310-1MB ...	-0.0021	1356.74	-0.5087	486.70	0.0008	9.67	0.0055	2.27	-0.0115	113.34
16	IM220310-1RVS...	0.9887	13256.62	4.2117	13929.89	0.1242	146.00	0.4098	79.07	0.2505	2303.62
17	IM220310-1LCS...	108.1981	1324344.01	200.3366	582326.79	10.0849	11558.80	10.0435	1941.32	9.8754	85813.61
18	IM220310-1LCS...	110.3031	1342919.81	204.1001	590132.60	10.1054	11731.92	9.9567	1914.38	9.9778	87835.06
19	2203068-1 10X	83.4026	1007547.01	1239.0174	3543417.86	711.9670	847279.73	1.1803	226.13	33.2255	299489.12
20	2203068-1 100X	8.0270	99058.09	128.1636	371468.08	71.0891	81558.79	0.1131	22.93	3.2520	28449.81
21	2203068-2 10X	75.8584	969744.37	1312.8205	3972451.40	761.8942	973762.00	1.2290	249.07	28.7257	278113.17
22	2203068-2 100X	7.5551	93139.61	138.7697	401298.93	77.5045	89629.07	0.1243	25.07	2.9052	25645.08
23	2203068-3 10X	39.1748	476554.39	673.7741	1938214.24	317.0707	384293.53	1.1613	223.73	67.9210	623259.65
24	2203068-3 100X	3.9266	51204.38	70.8193	214706.17	31.5581	37969.74	0.1263	26.53	6.7746	61901.24
25	CCV	105.2445	1306879.43	198.2797	584679.42	9.8700	11689.89	10.0786	1975.99	9.6703	86838.72
26	CCB	0.0022	1274.51	-0.0634	1606.82	0.0097	18.00	0.0021	1.47	0.0052	233.35
27	2203068-4 10X	37.0147	456056.63	702.8033	2047233.88	336.7046	407618.38	0.9339	182.53	47.0143	431062.75
28	2203068-4 100X	3.7170	47324.97	74.1522	219052.65	34.6305	40313.96	0.0941	19.60	4.6693	41347.98
29	2203068-5 10X	48.4884	572645.41	855.7602	2390789.13	377.8072	437354.51	1.1283	211.20	35.5704	311855.25
30	2203068-5 100X	4.7715	56251.78	88.7097	243868.69	38.7385	41532.34	0.1329	25.33	3.6804	30062.56
31	2203068-6 10X	59.9124	718621.74	1040.0712	2951876.00	471.4350	556243.85	0.8866	168.93	24.3743	217907.21

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	5.7217	74717.85	105.7072	322664.66	46.4703	55930.66	0.0867	18.80	2.3819	21915.94
33	2203068-7 10X	56.0032	708489.83	1034.5956	3096611.21	411.5178	523832.48	1.4472	290.00	38.8776	374780.79
34	2203068-7 100X	5.3734	67064.39	105.6173	307826.94	41.9223	48103.64	0.1457	29.33	3.9742	34718.82
35	2203068-8 10X	56.4147	644003.31	1152.1792	3112040.99	548.0862	595415.61	0.9629	174.40	34.5665	284417.57
36	2203068-8 100X	5.4407	68138.99	117.2119	342653.45	52.5248	60042.14	0.0825	17.20	3.3077	28820.61
37	CCV	102.9990	1236184.95	192.9631	550018.11	10.0768	11188.88	9.8683	1869.98	9.7413	81997.66
38	CCB	0.0082	1475.65	-0.0282	1866.86	0.0115	21.33	0.0062	2.40	0.0070	266.68
39	2203068-9 10X	52.1097	679839.99	1198.2366	3697779.32	568.3538	738731.79	1.2840	265.33	22.4668	221247.12
40	2203068-9 100X	5.1418	68876.47	123.9880	387168.90	56.3245	70540.27	0.1423	30.80	2.2370	21438.52
41	2203068-10 10X	51.8476	610310.27	1128.6193	3142881.83	518.4673	619093.23	1.2589	234.80	25.0895	226983.43
42	2203068-10 100X	4.8486	60418.65	111.4453	323450.59	50.9078	59825.47	0.1068	21.73	2.4293	21829.13
43	CCV	107.0891	1386438.80	204.3047	630635.99	10.0814	12647.61	10.2308	2091.74	9.7307	92564.91
44	CCB	0.0006	1528.98	-0.0020	2143.58	0.0170	31.67	0.0063	2.67	-0.0097	146.68
45	IP220307-1MB ...	0.0015	1525.65	-0.5000	556.70	0.0223	38.67	0.0014	1.60	-0.0053	190.01
46	IM220307-1LCS...	111.9916	1491824.77	211.6285	669428.53	10.1810	13291.44	10.5087	2210.82	9.8242	97244.99
47	IM220307-1LCS...	112.1337	1555079.77	211.0160	694794.99	10.0985	13956.34	10.4833	2295.77	9.8110	102802.78
48	2202268-1 10X	27.4664	358392.01	227.7334	703236.79	0.0634	92.67	1.6217	334.13	0.4912	5087.70
49	2202268-2 10X	1.7499	15662.12	721.9790	1439120.76	0.2027	218.33	0.4174	56.27	2268.1588	17822652.65
50	2202268-3 10X	46.3829	661149.54	245.6071	829741.73	0.1197	185.67	9.3974	2112.41	0.8777	9920.27
51	CCV	105.1680	1470281.95	210.3473	698225.80	10.0583	13961.01	10.5215	2322.57	9.7427	102517.23
52	CCB	0.0433	2286.87	0.0668	2573.65	0.0054	19.00	0.0053	2.67	0.0178	463.36
53	IP220309-4MB ...	0.0587	2470.23	-0.3624	1070.09	0.0032	15.67	0.0019	1.87	0.0280	566.71
54	IM220309-4LCS...	112.2492	1576839.94	216.0344	720545.30	10.4147	14351.34	10.6192	2355.51	10.1859	106444.15
55	IM220309-4LCS...	112.1457	1595842.71	212.6736	718553.29	10.2628	14290.30	10.3255	2320.30	9.9713	105272.72
56	2203118-1 10X	0.1586	3796.06	0.3488	3390.51	0.6569	921.03	0.0112	3.87	268.7629	2818182.04
57	2203118-1 100X	0.0476	2343.54	-0.4063	933.41	0.0687	109.33	0.0059	2.80	27.1348	293412.09
58	2203118-1 1000X	0.0637	2545.80	-0.5312	496.70	0.0093	24.33	0.0072	3.07	2.8038	30163.25
59	2203118-2 10X	0.1085	3075.89	-0.0651	2010.22	0.0111	26.33	0.1101	25.47	182.5696	1909877.42
60	2203118-2 100X	0.1222	3403.73	-0.3454	1136.76	0.0041	17.00	0.0183	5.60	19.0764	204271.22
61	2203118-2 1000X	0.0625	2509.12	-0.5212	526.70	0.0009	12.33	0.0038	2.27	1.9309	20740.88
62	CCV	101.4637	1402901.13	202.5066	664843.84	9.9079	13369.86	9.9094	2163.48	9.6275	98498.62

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0093	1702.33	-0.5716	346.69	0.0096	23.67	0.0126	4.13	0.0187	446.70
64	2203118-3 10X	0.0711	2612.48	0.0126	2313.60	0.2146	308.67	0.0891	21.33	59.5086	625204.47
65	2203118-3 100X	0.0911	2734.72	-0.3625	996.75	0.0181	34.00	0.0164	4.80	5.8249	57956.41
66	2203118-3 1000X	0.1933	4315.07	-0.4259	836.74	0.0004	11.33	0.0069	2.93	0.6332	6758.43
67	CCV	104.6145	1475370.50	202.6903	678781.19	9.7731	13558.34	10.1497	2260.03	9.6809	101839.97
68	CCB	-0.0044	1445.64	-0.5213	490.03	-0.0026	6.67	0.0071	2.80	0.0020	256.68
69	IP220310-4MB ...	0.0167	1805.68	-0.5088	553.37	0.0017	12.67	0.0065	2.80	0.0171	416.69
70	IM220310-4RVS...	1.0620	16164.82	3.9293	15007.53	0.0945	134.00	0.4213	92.93	0.2388	2610.37
71	IM220310-4LCS...	104.7575	1495480.43	196.4187	665951.23	9.6100	13175.35	9.2070	2075.34	9.4943	98714.34
72	IM220310-4LCS...	108.3303	1538555.70	201.8105	680665.04	9.7958	13553.68	9.5296	2137.34	9.6897	101653.11
73	2203029-1	0.1748	3553.77	-0.2255	1320.12	0.0728	105.67	0.0224	5.60	1124.7885	11131415.67
74	2203029-1 10X	0.0301	2061.27	-0.5113	563.37	0.0069	21.00	0.0049	2.53	120.8480	1294008.63
75	2203029-1 100X	-0.0044	1593.44	-0.5673	380.02	0.0036	16.33	0.0024	2.00	12.2138	131147.20
76	2203149-1 10X	1.5010	23285.60	1.3218	6831.74	-0.0002	10.67	0.0107	3.87	1.1760	12612.18
77	CCV	104.3444	1450076.82	203.7357	672271.19	9.7744	13316.48	10.0651	2208.29	9.5849	99012.31
78	CCB	-0.0045	1485.65	-0.5740	333.35	-0.0021	7.67	0.0079	3.07	0.0069	316.69
79	CCV	102.3185	1416585.05	198.9038	654055.13	9.8172	13113.31	9.7473	2131.21	9.4562	95783.97
80	CCB	-0.0051	1558.99	-0.5882	303.35	-0.0021	8.00	0.0072	3.07	0.0028	290.02
81	IP220302-4MB ...	0.0228	1814.58	-0.2669	1303.46	-0.0017	8.00	0.0077	2.93	0.0105	343.35
82	IM220302-4LCS...	110.2732	1531003.69	212.1912	699472.07	10.1362	13639.06	10.1884	2233.89	9.7585	99555.65
83	IM220302-4LCS...	110.0607	1552666.26	207.7579	695967.02	10.0313	13590.69	10.2682	2287.90	9.8313	100995.22
84	2202321-1 10X	0.1799	3816.06	-0.2324	1370.13	3.0544	3979.83	7.2242	1486.20	699.9922	6886728.85
85	2202321-1 100X	0.0902	2859.19	-0.5178	530.04	0.3087	434.68	0.7687	172.00	75.2751	782842.75
86	2202321-2 10X	0.0516	2180.17	-0.4438	730.05	0.0118	26.00	0.0998	22.13	431.5301	4309929.00
87	2202321-3 10X	0.0764	2570.24	-0.2710	1303.45	0.0186	35.67	0.1639	36.40	249.2306	2540641.89
88	2202321-4 10X	0.0415	1547.88	-0.5294	350.02	0.0735	90.67	0.0317	6.00	1307.3010	10992526.50
89	2202321-5 10X	0.1448	1922.36	-0.3181	633.37	0.0859	85.00	0.0970	12.13	3430.5888	23600517.15
90	2202321-6 10X	0.2243	2550.23	0.0914	1373.46	0.2267	219.00	0.0877	11.20	3330.6182	23540047.98
91	CCV	104.0202	1410166.12	199.4677	642139.68	9.5204	12739.36	9.8949	2118.01	9.4926	96322.50
92	CCB	0.0448	2302.42	-0.5321	500.03	0.0038	17.00	0.0053	2.67	0.0271	573.37
93	2202321-7 10X	0.1202	2064.61	-0.2980	793.39	0.0747	86.67	1.9927	279.07	2478.1030	19745847.21

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.1530	3490.42	-0.0854	1836.85	0.0571	87.67	1.5735	327.07	239.5464	2447475.69
95	2202321-9 10X	0.0782	2536.90	-0.4794	620.04	0.6008	813.02	0.0148	4.40	194.9855	1971702.11
96	2202321-10 10X	0.0748	2525.79	-0.1317	1733.52	0.2364	322.33	0.0056	2.53	230.9869	2308196.63
97	2202321-11 10X	0.3018	4622.95	0.4053	2857.05	0.1034	130.00	0.3846	68.80	984.8272	8707743.83
98	2202321-11 100X	0.0958	2790.28	-0.4895	593.37	0.0107	24.33	0.0532	12.53	103.0042	1022583.79
99	2202321-12 10X	0.2385	4163.94	-0.2709	1140.09	0.6071	738.69	12.3861	2316.70	781.0870	7101709.69
100	2202321-12 100X	0.0722	2374.65	-0.5484	390.02	0.0650	90.33	1.2875	261.33	81.6890	767279.70
101	2202321-13 10X	0.3604	4017.21	0.0644	1490.14	0.0880	94.33	0.2216	30.53	2725.3742	20261990.11
102	CCV	100.9273	1344713.59	194.4960	615410.51	9.6235	12302.33	9.7776	2056.93	9.4043	91166.01
103	CCB	0.0499	2206.85	-0.5013	563.37	-0.0025	7.00	0.0043	2.27	0.0125	363.35
104	2202321-14 10X	0.3081	4665.18	-0.0048	1763.50	0.2279	271.00	0.5541	98.00	968.2545	8422386.75
105	2202321-14 100X	0.1050	2702.49	-0.4770	586.71	0.0290	45.00	0.0592	12.80	101.6394	937534.02
106	2202321-15 10X	0.2347	4590.71	-0.3443	1040.09	0.2902	378.01	0.3977	84.13	159.4516	1530926.85
107	2202321-16 10X	0.1319	3199.25	-0.5413	420.03	0.3257	420.68	3.0856	637.48	180.3721	1721597.68
108	2202321-16 100X	0.0799	2595.80	-0.5722	333.35	0.0291	48.00	0.2801	60.80	18.4437	181576.97
109	CCV	101.4901	1343639.01	194.9315	612845.06	9.5030	12075.17	9.7680	2041.87	9.5093	91622.64
110	CCB	0.0520	2264.64	-0.5024	566.70	-0.0019	8.00	0.0005	1.47	-0.0019	233.34
111	RINSE	0.0888	2570.24	-0.2773	1203.44	-0.0005	9.00	0.0056	2.40	0.0273	476.70
112	RINSE	0.0774	2486.89	-0.2738	1246.77	-0.0015	8.00	0.0098	3.33	0.0260	480.03
113	RINSE	0.0663	2397.99	-0.2254	1426.80	-0.0022	7.33	0.0076	2.93	0.0297	533.37
114	RINSE	0.0597	2155.73	-0.2760	1183.45	-0.0021	7.00	-0.0022	0.80	0.0282	480.03

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0006	40.00	0.0032	72.22	0.0022	75.55	-0.0015	5.32	0.1390	28493.54
2	BLANK	0.0000	46.67	0.0000	40.00	0.0000	36.67	0.0000	10.67	0.0000	20754.52
3	H/1000	0.0149	283.35	0.0948	1016.72	0.0120	264.45	0.0300	127.90	0.3257	35370.96
4	H/100	0.2049	3247.15	1.0114	10309.04	0.1076	1994.60	0.2931	1119.03	5.3192	234943.55
5	H/10	2.0790	33930.31	10.0631	106344.50	1.0128	18883.68	3.0248	11717.92	54.5734	2272150.28
6	HIGH	19.9921	363536.19	99.9936	1126696.52	9.9986	181801.77	29.9976	113449.70	499.5396	22699033.83
7	RINSE	-0.0013	33.33	0.0129	185.56	0.0024	86.67	-0.0023	2.65	0.2726	38170.77
8	ICV	4.1362	66958.16	20.1392	212283.30	2.0242	37093.49	5.9096	22513.11	104.6260	4384500.25
9	ICB	-0.0015	26.67	0.0043	90.00	0.0001	41.11	-0.0023	2.66	0.0017	22443.67
10	LIV	0.0581	976.73	0.2071	2151.29	0.0574	1085.61	0.2064	794.48	0.9505	60621.62
11	ICSA	-0.0007	40.00	195.2434	2053645.89	0.0050	128.89	-0.0006	8.69	-0.0860	19012.25
12	ICSAB	2.0842	36038.62	200.8260	2250208.80	1.0057	18704.57	3.0787	11899.95	51.1252	2475443.40
13	CCV	2.0545	35266.81	9.8805	109386.34	1.0231	19433.21	3.0207	11921.73	53.1029	2336029.65
14	CCB	-0.0013	30.00	0.0095	145.56	-0.0008	24.44	-0.0019	3.99	-0.0282	21746.24
15	IP220310-1MB ...	-0.0012	33.33	0.0091	145.56	0.0005	51.11	-0.0023	2.66	0.1647	30936.16
16	IM220310-1RVS...	0.0217	423.36	0.0976	1108.94	0.0676	1354.53	0.0981	408.56	0.6622	51874.90
17	IM220310-1LCS...	2.0096	34925.81	9.9339	112182.74	1.0085	19971.65	2.9037	11948.17	54.0279	2413654.13
18	IM220310-1LCS...	2.0323	36285.57	9.9228	113513.52	1.0266	20224.23	2.9832	12212.90	53.3871	2460118.19
19	2203068-1 10X	6.5380	119168.23	0.7445	8783.67	5.5991	109227.65	9.2493	37531.57	2.9529	160878.18
20	2203068-1 100X	0.6782	11731.56	0.0752	897.82	0.5487	10834.99	0.8815	3619.02	0.1590	30912.02
21	2203068-2 10X	5.6500	110634.33	1.1705	14800.36	6.5005	134162.41	9.8455	42267.48	3.4618	197702.87
22	2203068-2 100X	0.5624	9916.85	0.1166	1376.75	0.6306	12420.60	0.9431	3863.04	0.2085	34195.09
23	2203068-3 10X	6.6182	121256.98	0.5311	6393.61	2.7001	52972.85	4.5318	18492.25	1.4761	90162.63
24	2203068-3 100X	0.6414	11774.79	0.0522	668.91	0.2683	5541.06	0.4241	1820.06	-0.0235	23969.21
25	CCV	1.9475	35143.23	9.6855	113050.12	1.0078	20247.68	2.9714	12401.11	52.2380	2446306.52
26	CCB	-0.0008	36.67	0.0022	64.44	-0.0004	30.00	-0.0015	5.32	-0.0638	20320.72
27	2203068-4 10X	5.6075	102725.21	0.4393	5292.08	2.8298	56215.05	5.1581	21317.27	1.1888	83469.57
28	2203068-4 100X	0.5912	10423.83	0.0434	545.58	0.2850	5733.36	0.5180	2164.12	-0.0494	22169.81
29	2203068-5 10X	8.5907	149249.75	0.7507	8613.54	3.8221	72831.14	6.7482	26745.11	1.2888	81927.65
30	2203068-5 100X	0.8333	13589.59	0.0709	793.37	0.3728	6979.42	0.6581	2560.15	0.0099	23074.72
31	2203068-6 10X	4.8296	86414.67	0.6214	7272.87	4.6781	90560.51	8.5832	34559.00	1.6436	104323.77

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.4786	8742.82	0.0605	765.58	0.4459	9270.62	0.7973	3444.33	-0.0352	25672.10
33	2203068-7 10X	8.8059	167378.72	0.7035	8868.17	4.7632	97194.32	8.0811	34294.34	1.4200	98361.40
34	2203068-7 100X	0.8650	15174.66	0.0662	796.70	0.4593	9116.07	0.7987	3294.29	-0.0468	22229.94
35	2203068-8 10X	4.1876	68915.56	0.6109	6587.01	4.9546	91280.13	9.1226	34957.30	1.4612	84739.80
36	2203068-8 100X	0.4183	7265.33	0.0606	728.92	0.4862	9683.08	0.8903	3684.39	-0.0416	22226.54
37	CCV	2.0472	34945.93	9.9021	108335.10	0.9861	19148.41	2.9804	12024.58	51.6890	2315513.40
38	CCB	0.0002	56.67	-0.0007	37.78	0.0003	46.67	-0.0018	4.67	-0.0717	20511.01
39	2203068-9 10X	4.8849	95742.80	0.7711	9934.34	4.9082	103321.33	9.1244	39948.69	1.8625	121338.86
40	2203068-9 100X	0.4698	9122.97	0.0789	1025.61	0.4851	10323.54	0.8662	3831.06	-0.0067	26470.13
41	2203068-10 10X	5.5940	101394.49	0.7079	8381.20	4.5776	86951.85	8.3259	32893.43	1.7778	107389.70
42	2203068-10 100X	0.5691	10126.96	0.0743	908.93	0.4353	8608.03	0.7900	3246.27	-0.0029	24747.10
43	CCV	1.9871	38397.26	9.5738	118366.48	1.0033	21016.39	2.9708	12931.01	49.7001	2520102.10
44	CCB	-0.0006	50.00	-0.0003	48.89	0.0000	45.56	-0.0016	6.00	-0.0989	22253.44
45	IP220307-1MB ...	-0.0026	10.00	0.0003	56.67	-0.0002	41.11	-0.0019	4.66	0.1140	33631.54
46	IM220307-1LCS...	1.9908	39864.44	9.8121	126228.60	1.0493	22614.13	3.0154	13506.01	52.8153	2752188.81
47	IM220307-1LCS...	2.0368	42839.04	9.5904	130618.67	1.0016	22476.19	2.9821	13904.62	50.9087	2702327.25
48	2202268-1 10X	0.0157	400.03	0.0335	483.35	0.0051	151.11	0.0094	53.95	1.1653	92607.50
49	2202268-2 10X	0.0300	550.04	0.1824	1909.03	0.0028	66.67	0.0180	59.14	1.1582	64510.33
50	2202268-3 10X	0.0408	1036.75	5.4476	78157.14	0.0014	80.00	0.2332	1128.98	1.1640	101253.83
51	CCV	1.9531	42129.89	9.3358	127689.61	0.9815	22203.61	2.9599	13912.25	49.4006	2677445.80
52	CCB	0.0006	83.34	-0.0002	56.67	-0.0001	47.78	-0.0019	5.33	-0.1042	24186.17
53	IP220309-4MB ...	-0.0021	23.33	-0.0003	53.34	0.0005	60.00	-0.0020	4.66	-0.1057	23932.32
54	IM220309-4LCS...	2.0497	43834.76	9.9549	135195.72	1.0414	23667.90	3.0060	14198.41	54.3724	2881609.02
55	IM220309-4LCS...	1.9750	42798.75	9.7759	134140.24	1.0095	23245.13	2.9551	14138.47	52.8510	2821869.02
56	2203118-1 10X	0.0013	96.67	0.6782	9318.39	0.0003	54.45	-0.0010	9.08	-0.0715	24887.45
57	2203118-1 100X	-0.0016	33.33	0.0626	940.04	-0.0004	40.00	-0.0020	4.57	-0.2110	18011.06
58	2203118-1 1000X	-0.0021	23.33	0.0073	158.89	-0.0002	45.56	-0.0023	3.32	-0.2280	16776.38
59	2203118-2 10X	-0.0003	60.00	1.2400	16949.17	0.0005	58.89	-0.0005	11.66	-0.1028	22924.52
60	2203118-2 100X	-0.0013	40.00	0.1189	1715.68	0.0003	55.56	-0.0020	4.50	-0.2331	16722.94
61	2203118-2 1000X	-0.0016	33.33	0.0117	218.89	-0.0004	40.00	-0.0025	1.98	-0.2421	16162.22
62	CCV	1.9649	41117.55	9.3931	124906.78	0.9610	21501.48	2.8375	13190.56	50.0128	2630692.98

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.0019	26.67	0.0008	65.55	0.0001	48.89	-0.0017	5.99	-0.1090	22346.86
64	2203118-3 10X	0.0024	120.01	0.1616	2265.74	0.0000	47.78	-0.0016	6.44	-0.0860	23999.08
65	2203118-3 100X	-0.0015	33.33	0.0174	278.89	0.0006	58.89	-0.0009	9.31	-0.2050	16732.86
66	2203118-3 1000X	-0.0005	56.67	0.0013	73.33	0.0005	58.89	-0.0017	5.99	-0.2150	16856.51
67	CCV	1.9790	42444.41	9.3538	127895.75	0.9900	22588.63	2.9283	13884.22	50.5478	2677922.25
68	CCB	-0.0013	36.67	0.0019	75.56	-0.0009	26.67	-0.0025	1.99	-0.0998	19893.41
69	IP220310-4MB ...	-0.0009	46.67	-0.0013	36.67	0.0009	66.67	-0.0025	2.00	-0.0960	22233.32
70	IM220310-4RVS...	0.0194	460.03	0.0956	1286.74	0.0613	1408.97	0.0925	441.22	0.4420	47667.13
71	IM220310-4LCS...	1.9651	41802.48	9.3994	126997.05	0.9680	22363.83	2.7759	13325.14	52.1114	2669142.98
72	IM220310-4LCS...	1.9597	42317.50	9.5870	130723.81	0.9956	22881.23	2.9435	14056.73	51.8978	2696854.33
73	2203029-1	0.0050	243.35	0.0087	165.56	0.0021	83.33	-0.0013	6.65	0.1085	44283.60
74	2203029-1 10X	-0.0019	26.67	-0.0008	47.78	0.0005	60.00	-0.0016	6.67	-0.0182	28347.08
75	2203029-1 100X	-0.0030	3.33	-0.0018	33.34	0.0000	50.00	-0.0025	2.00	-0.1922	18541.69
76	2203149-1 10X	-0.0010	46.67	0.0564	828.92	0.0001	51.11	-0.0019	5.25	-0.0076	28039.41
77	CCV	1.9204	39783.74	9.4164	126416.95	0.9849	22145.70	2.9496	13778.92	51.6063	2636336.94
78	CCB	-0.0018	26.67	0.0010	66.67	-0.0005	35.55	-0.0016	5.99	-0.1201	20407.32
79	CCV	1.9768	40552.58	9.4074	123834.94	0.9732	21808.61	2.9059	13528.97	52.6951	2613419.60
80	CCB	-0.0016	33.33	0.0009	68.89	-0.0007	33.33	-0.0016	6.66	-0.1106	22029.64
81	IP220302-4MB ...	-0.0016	30.00	-0.0011	38.89	0.0011	68.89	-0.0022	3.33	-0.0905	22607.19
82	IM220302-4LCS...	1.9561	40829.74	9.8649	130810.03	1.0141	22778.89	2.9444	13743.12	54.8316	2697968.50
83	IM220302-4LCS...	1.9258	40840.01	9.6992	129511.70	1.0127	23122.69	2.9318	13908.09	52.2139	2636523.71
84	2202321-1 10X	0.0052	170.01	83.5794	1070915.75	0.0005	54.44	0.0027	24.65	-0.0371	24386.56
85	2202321-1 100X	-0.0017	30.00	8.1886	110925.63	-0.0003	41.11	-0.0010	9.02	-0.2264	15975.43
86	2202321-2 10X	0.0029	126.67	0.2773	3661.59	0.0000	44.44	-0.0008	9.64	-0.1295	20591.30
87	2202321-3 10X	0.0010	86.67	0.1266	1735.67	0.0005	57.78	-0.0018	5.16	-0.1525	20040.22
88	2202321-4 10X	0.0082	196.68	0.3143	3488.22	0.0004	41.11	0.0003	10.99	-0.1552	15828.71
89	2202321-5 10X	0.0182	310.02	0.2483	2261.31	0.0016	44.45	0.0052	20.44	-0.1508	12879.23
90	2202321-6 10X	0.0279	463.36	0.2190	2053.50	0.0021	51.11	0.0043	18.46	-0.1169	14487.33
91	CCV	1.9294	39713.56	9.1996	121298.33	0.9637	21142.09	2.8538	13008.11	50.3199	2458967.41
92	CCB	-0.0021	23.33	0.0007	70.00	-0.0009	28.89	-0.0017	5.99	-0.2027	19119.24
93	2202321-7 10X	0.0240	443.36	13.9176	144424.23	0.0013	48.89	0.0331	107.04	-0.1266	16038.95

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	-0.0013	40.00	0.2952	3983.89	0.0007	58.89	0.0003	14.27	-0.1772	19829.97
95	2202321-9 10X	-0.0001	63.33	0.6929	9180.56	0.0002	50.00	-0.0018	5.09	-0.1667	18755.34
96	2202321-10 10X	0.0002	70.00	0.4900	6430.29	0.0017	82.22	-0.0010	8.70	-0.1641	18064.37
97	2202321-11 10X	0.0184	390.02	63.0913	726594.54	0.0008	52.22	0.0528	208.74	-0.1697	16476.03
98	2202321-11 100X	0.0003	70.00	6.3129	81664.22	-0.0001	44.44	0.0039	30.58	-0.2610	13343.01
99	2202321-12 10X	0.0174	383.36	66.2445	784477.71	0.0009	57.78	0.0147	70.34	-0.1317	18254.73
100	2202321-12 100X	0.0010	80.00	6.5059	79617.76	0.0001	46.67	-0.0001	12.12	-0.2566	12728.97
101	2202321-13 10X	0.0465	753.38	16.6986	161682.92	0.0468	670.02	2.0826	5945.83	-0.1876	12685.69
102	CCV	1.8979	37254.42	9.3446	117720.19	0.9498	20479.01	2.8528	12777.57	51.7144	2373764.76
103	CCB	-0.0013	36.67	0.0032	93.34	-0.0004	36.67	-0.0027	1.32	-0.1583	17817.46
104	2202321-14 10X	0.0480	906.74	67.8461	768704.69	0.0013	61.11	0.1115	425.91	-0.1414	17206.94
105	2202321-14 100X	0.0015	86.67	6.7920	81632.09	0.0003	48.89	0.0106	56.58	-0.2554	12682.39
106	2202321-15 10X	0.0027	116.67	12.6334	157968.55	0.0010	66.67	0.0067	43.03	-0.1638	17713.99
107	2202321-16 10X	0.0002	66.67	28.7796	357781.03	0.0006	56.67	0.0025	23.91	-0.1508	18211.37
108	2202321-16 100X	-0.0021	20.00	2.7876	35750.24	-0.0001	43.33	-0.0026	1.79	-0.2705	12839.16
109	CCV	1.9588	37956.21	9.2529	115857.55	0.9424	20189.77	2.7925	12430.15	51.5986	2429526.11
110	CCB	-0.0017	30.00	0.0040	107.78	-0.0006	34.45	-0.0027	1.32	-0.1449	19409.42
111	RINSE	-0.0012	36.67	0.0026	80.00	0.0020	84.44	-0.0026	1.32	-0.0175	23919.21
112	RINSE	-0.0021	20.00	0.0031	88.89	0.0018	82.22	-0.0028	0.66	-0.0465	23568.70
113	RINSE	-0.0019	26.67	0.0004	57.78	0.0027	103.34	-0.0021	3.99	-0.0576	23568.64
114	RINSE	-0.0009	43.33	0.0004	54.44	0.0018	78.89	-0.0023	2.66	-0.0219	23578.55

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0046	57.78	-0.0011	53.33	0.0004	46.67	0.0003	543.37	0.0000	56.67
2	BLANK	0.0000	15.56	0.0000	56.67	0.0000	33.33	0.0000	473.37	0.0000	56.67
3	H/1000	0.0335	334.45	0.1075	396.69	0.0304	1096.76	0.0331	6364.94	0.0271	6485.00
4	H/100	0.3122	2938.10	0.9396	2907.08	0.2799	9723.52	0.2926	52216.19	0.2717	64305.54
5	H/10	3.1535	30755.86	9.3300	29038.60	2.8442	100570.73	3.0007	529795.72	2.7465	647853.62
6	HIGH	29.9845	311677.54	100.0676	303709.27	30.0158	1024960.61	32.9541	5439709.92	30.0256	6624842.82
7	RINSE	0.0010	27.78	0.0095	93.34	0.0008	63.33	0.0003	570.04	0.0002	113.34
8	ICV	6.1071	59392.85	19.1098	58451.92	5.9446	209405.86	6.0603	1059145.22	5.6981	1330686.70
9	ICB	0.0014	31.11	-0.0004	60.00	0.0013	80.00	0.0000	493.37	0.0002	113.34
10	LIV	0.1062	1014.49	0.4808	1523.49	0.0462	1610.17	0.0507	9339.92	0.0445	10457.44
11	ICSA	0.0100	114.45	0.0236	130.01	0.0054	216.68	0.0032	1006.75	0.0007	203.34
12	ICSAB	3.0581	31629.84	9.7011	30134.00	3.0331	104037.37	3.2518	563588.08	2.9748	688704.37
13	CCV	2.9961	30606.75	9.3329	29592.76	2.8965	104656.79	3.0403	546987.39	2.7596	663270.66
14	CCB	0.0006	23.34	0.0014	66.67	0.0009	66.67	0.0000	510.03	0.0002	106.67
15	IP220310-1MB ...	0.0000	17.78	0.0008	66.67	0.0005	53.34	-0.0003	470.03	0.0000	56.67
16	IM220310-1RVS...	0.0427	446.68	0.2249	793.40	0.0229	846.73	0.0230	4740.96	0.0203	5061.07
17	IM220310-1LCS...	2.9241	30467.59	9.4746	31316.16	2.9423	106459.95	2.9867	550502.84	5.5928	1377001.96
18	IM220310-1LCS...	2.9930	31597.55	9.6287	31659.99	2.8963	106866.95	3.0187	562749.48	5.6383	1403797.12
19	2203068-1 10X	3.7501	40607.09	75.7152	246476.00	8.8383	321632.23	17.4827	3279062.03	1.9523	489585.03
20	2203068-1 100X	0.3879	4062.81	7.2355	23822.49	0.8204	30093.97	1.7213	319984.47	0.1961	48724.85
21	2203068-2 10X	3.7311	43388.92	65.9421	227165.08	7.8520	294118.44	15.9112	3074492.24	1.7555	453582.49
22	2203068-2 100X	0.3976	4199.51	6.5164	21419.10	0.7722	27485.59	1.5779	290812.50	0.1729	42566.68
23	2203068-3 10X	1.2948	14284.49	152.4295	498905.78	9.0768	330354.46	17.9987	3286942.87	2.0557	501896.57
24	2203068-3 100X	0.1474	1632.33	14.2174	48684.57	0.8982	33363.87	1.7877	338900.36	0.1987	50327.51
25	CCV	2.9835	32128.63	9.3554	31366.45	2.8873	107657.91	3.0211	564045.83	2.7679	690360.28
26	CCB	0.0007	23.33	0.0084	83.34	0.0006	53.33	0.0008	633.37	0.0001	93.34
27	2203068-4 10X	1.8710	20618.11	84.9392	281557.71	8.1224	297832.39	16.0134	3076158.39	1.7615	452407.92
28	2203068-4 100X	0.1779	1901.25	8.4836	28347.08	0.8067	29556.07	1.5720	296817.58	0.1757	44341.82
29	2203068-5 10X	2.2692	23908.41	111.4738	354437.68	11.9643	429169.34	24.5700	4530829.52	2.6323	648966.77
30	2203068-5 100X	0.2311	2270.20	10.8426	33747.86	1.1901	40888.84	2.4461	439519.46	0.2631	63213.81
31	2203068-6 10X	2.4246	26030.68	62.3198	201351.22	7.1824	261082.32	14.2250	2744789.54	1.5557	401309.60

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.2378	2620.25	5.8661	20317.70	0.7003	26390.24	1.4113	280920.05	0.1529	40685.40
33	2203068-7 10X	2.2989	26591.66	111.9682	381347.18	12.6114	467874.99	25.5176	4998233.68	2.7519	720698.09
34	2203068-7 100X	0.2437	2563.59	10.9934	36320.56	1.1714	43175.53	2.4997	476653.24	0.2686	68466.35
35	2203068-8 10X	2.8647	28316.78	52.2700	160724.19	6.1328	211236.32	12.0932	2170648.46	1.3176	316168.77
36	2203068-8 100X	0.2754	2880.30	4.9773	16539.63	0.5724	21061.91	1.1611	222380.99	0.1268	32465.43
37	CCV	3.0638	30931.76	9.1348	29606.07	2.8635	103588.01	2.9092	537265.39	2.6807	662423.16
38	CCB	0.0007	24.44	-0.0054	46.67	0.0008	66.67	0.0001	533.37	0.0001	93.34
39	2203068-9 10X	2.3162	27400.81	82.9166	291286.15	7.0672	268041.42	14.2501	2772158.29	1.5606	405843.43
40	2203068-9 100X	0.2377	2725.83	8.0488	28537.48	0.6862	26052.97	1.3971	272086.18	0.1533	39909.59
41	2203068-10 10X	2.0367	22134.70	94.1507	298428.73	7.9578	273420.77	15.8923	2833607.87	1.7561	418573.82
42	2203068-10 100X	0.1975	2127.96	8.4773	27916.34	0.7872	27575.72	1.5162	274068.88	0.1718	41496.98
43	CCV	2.9551	33713.13	9.5839	33507.43	2.9387	111545.74	3.0968	590729.75	2.8007	713658.01
44	CCB	0.0009	31.11	0.0108	110.01	0.0006	60.00	0.0012	783.40	0.0001	90.00
45	IP220307-1MB ...	0.0014	36.67	0.0606	286.68	0.0000	36.67	-0.0003	476.70	0.0001	90.00
46	IM220307-1LCS...	2.9968	35577.26	9.7794	35188.08	3.0619	117100.35	3.2027	624620.94	6.0815	1584476.90
47	IM220307-1LCS...	2.9118	36591.76	9.5917	35923.14	3.0978	119094.35	3.1865	619857.37	6.0540	1573007.63
48	2202268-1 10X	0.0278	350.01	0.9728	3480.56	0.0461	1776.84	0.1059	21175.51	0.0078	2086.91
49	2202268-2 10X	0.0240	242.23	6285.4596	14254150.62	0.0878	1840.21	0.0976	11778.38	0.0079	1276.79
50	2202268-3 10X	0.0601	817.81	2.5704	9937.07	2.8645	111180.08	5.0968	1046232.12	0.6226	170839.18
51	CCV	2.8779	36322.15	9.4342	35622.34	3.0893	118731.95	3.0378	611595.91	2.8093	755556.79
52	CCB	0.0050	88.89	0.0668	340.02	0.0013	90.00	0.0014	856.74	0.0002	133.34
53	IP220309-4MB ...	0.0059	98.89	0.1118	510.04	0.0006	63.33	0.0000	570.05	0.0000	73.34
54	IM220309-4LCS...	3.0316	37987.30	9.4068	35685.80	3.1977	123032.50	3.1865	649786.74	6.0712	1653901.38
55	IM220309-4LCS...	2.9983	37958.29	9.5309	36628.17	3.1583	122793.97	3.1246	638297.95	6.0246	1644143.62
56	2203118-1 10X	0.0167	232.23	61.4900	231598.62	0.0859	3320.54	0.1652	32929.73	0.0095	2563.68
57	2203118-1 100X	0.0027	57.78	6.0111	23699.27	0.0100	426.69	0.0161	3880.70	0.0009	306.68
58	2203118-1 1000X	0.0013	38.89	0.6038	2416.98	0.0015	96.67	0.0001	596.71	0.0000	76.67
59	2203118-2 10X	0.0403	528.91	6.7905	25482.24	0.1300	4911.06	0.1761	35131.25	0.0149	3970.71
60	2203118-2 100X	0.0036	68.89	0.6184	2487.00	0.0118	493.36	0.0176	4147.44	0.0013	433.36
61	2203118-2 1000X	0.0007	31.11	0.0887	416.69	0.0000	40.00	0.0001	583.38	0.0002	120.00
62	CCV	2.8683	35195.18	9.1177	34174.00	2.9849	112784.26	3.0218	596978.60	2.7792	733500.36

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0007	30.00	0.0686	330.02	-0.0008	6.67	-0.0007	406.69	0.0002	106.67
64	2203118-3 10X	0.0287	384.46	9.7393	37286.09	0.1638	6281.53	0.2030	41403.62	0.0182	4954.39
65	2203118-3 100X	0.0052	83.34	1.0695	3930.69	0.0165	623.37	0.0257	5470.77	0.0019	553.37
66	2203118-3 1000X	0.0004	26.67	0.1141	506.70	0.0015	93.34	0.0015	866.74	0.0001	96.67
67	CCV	2.8895	36451.45	9.0686	34540.21	3.0202	117427.45	2.9695	601497.78	2.7447	742798.19
68	CCB	0.0005	25.55	0.0243	156.68	0.0009	66.67	-0.0003	450.03	0.0001	93.34
69	IP220310-4MB ...	0.0011	34.44	0.0348	203.34	0.0013	86.67	-0.0003	506.80	-0.0001	50.00
70	IM220310-4RVS...	0.0449	555.57	0.2302	926.74	0.0232	886.74	0.0218	4911.04	0.0209	5647.98
71	IM220310-4LCS...	2.8427	35439.11	8.9231	34403.17	3.0112	115998.15	2.8785	598379.01	5.5824	1550183.73
72	IM220310-4LCS...	2.9315	36883.52	9.1838	35231.03	3.0575	119154.49	2.9689	610946.95	5.6655	1557320.71
73	2203029-1	0.0063	95.56	1.7629	5931.41	0.0021	103.34	0.0014	710.05	0.0007	216.68
74	2203029-1 10X	0.0007	31.11	0.1722	743.39	0.0000	40.00	-0.0006	450.04	0.0001	100.01
75	2203029-1 100X	-0.0001	21.11	0.0278	186.68	0.0002	46.67	-0.0006	460.05	0.0001	86.67
76	2203149-1 10X	0.0108	158.89	0.3340	1376.80	0.0015	100.01	0.0021	1020.08	0.0001	100.00
77	CCV	2.8694	35544.78	9.0143	33835.06	2.9944	115887.62	2.9305	588744.72	2.7124	727969.78
78	CCB	0.0003	24.45	-0.0033	60.00	0.0002	46.67	-0.0007	406.69	0.0002	110.01
79	CCV	2.9187	35450.24	8.8927	33260.54	2.9852	114981.65	2.9329	588279.44	2.7120	726760.12
80	CCB	0.0001	23.33	-0.0058	53.33	0.0007	66.67	-0.0008	416.69	0.0002	130.01
81	IP220302-4MB ...	-0.0001	18.89	0.0268	166.68	0.0002	43.33	-0.0012	326.69	0.0001	86.67
82	IM220302-4LCS...	3.0094	36823.36	9.3268	34974.09	3.0855	119098.29	3.0835	612782.49	5.9549	1580711.80
83	IM220302-4LCS...	2.9545	36401.28	9.2410	35204.58	3.0750	119236.08	2.9715	603553.98	5.7079	1548646.28
84	2202321-1 10X	0.0403	496.68	2.0655	7318.73	0.0017	96.67	0.0018	833.39	0.0005	176.68
85	2202321-1 100X	0.0047	81.11	0.2249	926.74	0.0008	70.00	-0.0008	390.02	0.0000	76.67
86	2202321-2 10X	0.0019	44.44	6.0197	21542.66	0.0024	123.34	0.0034	1133.44	0.0003	126.68
87	2202321-3 10X	0.0020	45.56	1.6850	6228.24	0.0005	56.67	0.0002	570.04	0.0002	103.34
88	2202321-4 10X	0.0007	24.44	3.7458	10153.89	0.0085	246.68	0.0448	6151.53	0.0009	190.01
89	2202321-5 10X	0.0034	43.33	4.2214	8519.36	0.0202	370.02	0.1298	11237.88	0.0035	426.70
90	2202321-6 10X	0.0067	72.22	4.3521	8906.32	0.0272	493.36	0.1034	8579.43	0.0047	530.06
91	CCV	2.8326	34465.79	9.1937	33660.91	2.9329	112227.24	3.0003	564000.58	2.7442	688993.51
92	CCB	-0.0009	11.11	0.0085	110.01	0.0005	56.67	-0.0006	436.70	0.0001	100.01
93	2202321-7 10X	0.0141	151.12	3.0222	7252.04	0.0111	256.68	0.0327	3727.35	0.0022	340.03

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.0088	130.01	1.8346	6555.02	0.0004	50.00	0.0000	473.37	0.0001	86.67
95	2202321-9 10X	0.0009	32.22	3.0021	10794.23	0.0018	103.34	0.0012	713.38	0.0003	130.01
96	2202321-10 10X	0.0000	21.11	4.4652	16245.89	0.0004	53.33	-0.0008	363.36	0.0000	63.33
97	2202321-11 10X	0.0334	373.34	1.6693	5077.76	0.0081	280.02	0.0107	2093.57	0.0010	253.35
98	2202321-11 100X	0.0023	47.78	0.1407	576.71	0.0001	43.33	-0.0004	436.69	0.0000	60.00
99	2202321-12 10X	0.0199	236.67	1.6760	5414.54	0.0089	333.35	0.0015	723.39	0.0009	270.02
100	2202321-12 100X	0.0007	27.78	0.1535	596.71	0.0005	56.67	-0.0011	313.36	0.0001	86.67
101	2202321-13 10X	0.0204	197.78	2.2721	5244.51	0.0269	586.71	0.0385	4340.83	0.0037	550.04
102	CCV	2.9088	33804.40	9.3003	33467.43	2.9199	111068.49	2.8545	545121.95	2.6489	675792.86
103	CCB	-0.0007	12.22	-0.0003	70.00	0.0001	43.33	-0.0004	463.36	0.0000	70.00
104	2202321-14 10X	0.0232	261.12	1.2086	3667.31	0.0178	570.04	0.0259	4447.51	0.0026	596.71
105	2202321-14 100X	0.0026	47.78	0.0873	356.69	0.0011	73.34	0.0016	766.73	0.0002	113.34
106	2202321-15 10X	0.0131	171.11	2.2016	7905.77	-0.0005	20.00	0.0005	623.38	0.0001	80.00
107	2202321-16 10X	0.0211	262.23	2.6361	9349.87	0.0005	56.67	-0.0002	476.70	0.0002	103.34
108	2202321-16 100X	0.0018	42.22	0.2426	950.07	-0.0001	36.67	-0.0010	350.05	0.0000	70.00
109	CCV	2.8983	33487.04	9.1883	32849.56	2.8521	107120.84	2.8449	556416.55	2.6189	684311.73
110	CCB	0.0002	23.33	-0.0106	33.33	0.0010	76.67	-0.0001	516.70	0.0003	150.01
111	RINSE	0.0002	21.11	0.0144	116.67	0.0009	66.67	0.0012	754.13	0.0001	100.01
112	RINSE	0.0007	27.78	0.0146	120.01	0.0000	36.67	0.0001	553.44	0.0001	80.00
113	RINSE	-0.0003	17.78	0.0128	116.67	0.0005	53.33	0.0005	646.71	0.0001	83.34
114	RINSE	0.0006	25.55	-0.0037	53.33	0.0016	86.67	0.0005	603.38	0.0001	93.34

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0007	26.67	0.0199	818.12	0.0014	923.40	0.1145	2722.54	0.0038	168.89
2	BLANK	0.0000	53.33	0.0000	268.57	0.0000	866.73	0.0084	202.23	0.0000	24.44
3	H/1000	0.0297	1236.78	-0.0023	221.43	0.0529	3203.65	0.0168	425.57	0.0095	411.12
4	H/100	0.2887	11328.19	0.0148	717.64	0.5239	23241.61	0.1280	3229.32	0.1001	4051.75
5	H/10	2.8406	113376.83	0.1999	6264.22	5.1002	222743.88	0.9970	26129.91	0.9871	40549.90
6	HIGH	30.0161	1164661.88	2.0001	58027.64	49.9897	2100798.29	10.0000	352485.95	10.0013	396612.33
7	RINSE	-0.0001	53.33	-0.0030	200.00	0.0007	976.74	0.1036	2665.84	0.0003	37.78
8	ICV	5.9580	235086.21	0.3997	12193.17	9.8152	426233.79	1.8631	51139.75	1.9818	81096.14
9	ICB	0.0006	80.00	-0.0059	114.28	-0.0004	913.40	0.0043	107.78	0.0000	26.67
10	LIV	0.0544	2164.18	0.0041	400.01	0.2156	9951.83	0.0315	786.70	0.0093	395.57
11	ICSA	0.0016	116.67	-0.0056	116.19	0.0098	1300.10	0.0233	555.58	0.0010	63.33
12	ICSAB	3.0100	118750.26	0.1994	6062.71	5.1722	219086.13	1.3027	33300.67	1.0148	40434.19
13	CCV	2.8190	115825.39	0.1953	6262.32	5.1079	227952.12	1.0570	28334.88	0.9716	40784.11
14	CCB	0.0016	123.34	-0.0068	86.19	0.0026	1033.41	0.0031	77.78	-0.0001	21.11
15	IP220310-1MB ...	-0.0002	50.00	-0.0066	96.19	0.0073	1286.76	0.0026	67.78	-0.0004	8.89
16	IM220310-1RVS...	0.0213	930.08	-0.0017	239.05	0.1707	8388.07	0.0227	580.03	0.0053	245.56
17	IM220310-1LCS...	2.7923	114952.80	0.1919	6165.12	5.0475	225578.07	0.9564	26113.89	0.9851	41411.70
18	IM220310-1LCS...	2.8019	118481.90	0.1930	6322.34	5.0331	229393.04	0.9647	26524.78	0.9809	42051.63
19	2203068-1 10X	8.0930	332266.95	1.7649	54608.73	1104.9059	49465307.59	2.8456	86322.05	0.4592	19429.92
20	2203068-1 100X	0.7843	32495.41	0.1686	5522.97	114.1045	5143774.04	0.2844	7568.76	0.0461	1987.95
21	2203068-2 10X	7.2370	310108.31	2.4175	76883.02	1330.8471	61329944.50	2.7997	86273.70	0.4820	20999.68
22	2203068-2 100X	0.7056	28807.97	0.2441	7630.10	139.6953	6109849.52	0.2791	7266.39	0.0465	1945.72
23	2203068-3 10X	8.2635	337120.34	0.5419	16977.36	595.3886	26658550.64	3.4099	105110.97	0.4853	20535.65
24	2203068-3 100X	0.8270	34803.71	0.0469	1777.26	62.6864	2861993.09	0.3298	9039.62	0.0466	2034.62
25	CCV	2.8608	120125.01	0.1931	6391.89	5.0911	234441.26	1.0474	29045.06	0.9556	41394.75
26	CCB	-0.0001	53.33	-0.0066	86.67	0.0308	2096.84	0.0037	85.56	-0.0002	16.67
27	2203068-4 10X	7.1703	305284.46	1.0065	31501.05	595.8975	26876667.72	2.6999	81296.46	0.4406	18785.53
28	2203068-4 100X	0.7442	30992.29	0.0935	3195.13	64.1820	2890616.14	0.2759	7415.33	0.0466	2006.84
29	2203068-5 10X	10.7778	438565.96	2.0011	60986.02	730.8104	32248339.93	3.5051	107446.91	0.5088	21220.02
30	2203068-5 100X	1.0581	42246.29	0.1911	5828.33	77.4870	3273071.98	0.3666	9462.20	0.0514	2075.74
31	2203068-6 10X	6.3292	268794.96	2.1336	65876.37	862.9107	38591000.05	2.3675	70434.99	0.4309	18215.98

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.6102	27188.45	0.2002	6678.21	88.1514	4080551.39	0.2215	6072.49	0.0411	1822.36
33	2203068-7 10X	11.3314	487232.75	1.5644	49375.30	832.7436	38002635.47	4.0822	132805.44	0.5502	23726.17
34	2203068-7 100X	1.1016	46648.79	0.1519	5035.64	86.7520	3932273.51	0.4211	11449.12	0.0535	2318.00
35	2203068-8 10X	5.4055	212533.97	2.3763	69477.54	925.6066	39215145.25	2.0429	56907.03	0.4332	17350.48
36	2203068-8 100X	0.5334	22620.92	0.2268	7346.15	95.8181	4331550.24	0.1943	5287.73	0.0393	1702.35
37	CCV	2.6766	112513.48	0.1930	6200.39	5.1524	230217.47	1.0669	28769.11	0.9741	40941.09
38	CCB	0.0005	76.67	-0.0065	97.62	0.0581	3540.37	0.0045	118.89	-0.0003	15.56
39	2203068-9 10X	6.3625	274643.97	1.6603	53553.82	965.8232	45059148.91	2.7079	84190.61	0.4190	18484.10
40	2203068-9 100X	0.6035	26063.08	0.1625	5519.64	101.3372	4727346.31	0.2670	7396.44	0.0413	1849.04
41	2203068-10 10X	6.9838	279167.03	1.7907	52302.25	950.3438	40167748.99	3.0459	87526.83	0.4196	16767.60
42	2203068-10 100X	0.6733	27282.11	0.1688	5280.96	97.0881	4179827.39	0.2899	7410.90	0.0406	1674.57
43	CCV	2.8210	122827.10	0.1921	6476.69	5.0662	237524.22	1.0286	28829.43	0.9557	42155.86
44	CCB	0.0007	93.34	-0.0066	101.90	0.0585	3777.07	0.0037	100.00	-0.0002	20.00
45	IP220307-1MB ...	0.0000	60.00	-0.0073	76.19	0.0526	3463.71	0.0021	58.89	-0.0003	15.56
46	IM220307-1LCS...	2.9396	129900.62	0.1989	6741.58	5.1060	241162.34	0.9541	27431.96	0.9809	43586.90
47	IM220307-1LCS...	2.9379	129997.47	0.1952	6660.58	5.1032	242308.39	0.9603	27487.85	0.9688	43264.90
48	2202268-1 10X	0.0287	1346.79	-0.0003	300.96	0.4958	23972.31	0.0324	864.49	0.0024	132.23
49	2202268-2 10X	0.0441	1276.79	0.0048	254.77	5.4394	139243.66	0.0480	663.36	0.0289	713.36
50	2202268-3 10X	1.7898	82932.75	0.0204	989.56	0.8070	39556.32	0.0880	2373.57	0.0198	923.38
51	CCV	2.8875	130999.51	0.1884	6437.15	4.9561	235329.78	0.9703	27363.24	0.9148	41039.69
52	CCB	0.0013	126.67	-0.0073	78.10	0.0310	2500.25	0.0034	94.45	-0.0004	8.89
53	IP220309-4MB ...	-0.0004	46.67	-0.0075	73.81	0.0287	2376.89	0.0030	82.22	-0.0002	20.00
54	IM220309-4LCS...	3.0044	137475.22	0.1992	6795.41	5.1538	244886.07	0.9683	27951.71	0.9877	44147.57
55	IM220309-4LCS...	2.9339	134648.22	0.1950	6727.76	5.0383	241943.65	0.9616	27601.31	0.9622	43460.31
56	2203118-1 10X	0.0277	1300.11	-0.0070	89.05	0.0773	4653.90	0.0055	145.56	0.5187	23062.76
57	2203118-1 100X	0.0041	253.35	-0.0074	76.19	0.0228	2110.19	0.0030	83.33	0.0514	2332.45
58	2203118-1 1000X	0.0006	93.34	-0.0073	79.52	0.0191	1940.16	0.0020	55.56	0.0058	287.79
59	2203118-2 10X	0.0414	1903.55	-0.0073	77.14	0.0713	4280.49	0.0053	138.89	0.6467	28142.79
60	2203118-2 100X	0.0046	280.02	-0.0078	62.38	0.0268	2283.53	0.0027	74.45	0.0647	2911.45
61	2203118-2 1000X	0.0003	80.00	-0.0075	70.95	0.0213	2003.49	0.0021	56.67	0.0064	308.90
62	CCV	2.8145	126729.14	0.1857	6241.83	4.8796	227750.44	0.9330	25788.11	0.8985	39338.51

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0007	96.67	-0.0077	62.38	0.0201	1913.50	0.0036	97.78	-0.0003	14.44
64	2203118-3 10X	0.0570	2643.69	-0.0077	65.24	0.0459	3163.66	0.0042	115.56	1.1533	51080.22
65	2203118-3 100X	0.0059	313.35	-0.0080	51.90	0.0307	2290.22	0.0017	44.45	0.1128	4693.05
66	2203118-3 1000X	0.0008	96.67	-0.0075	70.48	0.0201	1923.49	0.0017	45.55	0.0114	522.24
67	CCV	2.7818	127363.05	0.1852	6406.18	4.9404	237272.79	0.9356	26904.49	0.9221	41652.23
68	CCB	0.0003	70.00	-0.0073	73.81	0.0200	1820.16	0.0031	81.11	-0.0003	13.33
69	IP220310-4MB ...	-0.0002	56.67	-0.0079	57.14	0.0088	1396.77	0.0020	54.44	-0.0001	22.22
70	IM220310-4RVS...	0.0238	1120.11	-0.0017	248.10	0.1252	6607.63	0.0196	520.02	0.0050	241.12
71	IM220310-4LCS...	2.7544	126091.98	0.1963	6710.60	4.8956	232961.45	0.8950	26042.62	0.9358	41880.10
72	IM220310-4LCS...	2.8356	130449.76	0.1944	6724.90	5.0092	241106.48	0.9127	26585.99	0.9509	43051.99
73	2203029-1	0.0010	96.67	-0.0062	97.62	0.1251	5957.50	0.0659	1482.32	0.0607	2355.78
74	2203029-1 10X	-0.0001	60.00	-0.0075	73.33	0.0212	2040.17	0.0032	88.89	0.0049	250.01
75	2203029-1 100X	0.0003	80.00	-0.0075	73.34	0.0112	1590.13	0.0019	55.55	0.0004	47.78
76	2203149-1 10X	0.0013	126.67	-0.0075	71.91	0.0907	5394.00	0.0027	75.56	-0.0003	17.78
77	CCV	2.7684	125443.15	0.1926	6617.70	4.9481	236509.56	0.9302	26687.33	0.9238	41533.86
78	CCB	0.0004	80.00	-0.0075	69.05	0.0114	1506.78	0.0029	78.89	-0.0001	22.22
79	CCV	2.7612	124527.09	0.1898	6496.70	4.9640	236184.40	0.9362	26676.46	0.9050	40503.50
80	CCB	-0.0003	53.33	-0.0077	68.57	0.0125	1646.80	0.0038	105.56	-0.0004	13.33
81	IP220302-4MB ...	0.0000	63.34	-0.0079	56.19	0.0077	1313.43	0.0029	74.45	-0.0003	14.44
82	IM220302-4LCS...	2.9065	128636.42	0.1955	6697.75	5.0020	238465.87	0.9140	26403.48	0.9651	43281.88
83	IM220302-4LCS...	2.8287	128501.00	0.1971	6778.73	4.9818	238603.89	0.8987	26177.32	0.9644	43446.72
84	2202321-1 10X	0.0016	130.01	0.0037	412.87	0.0160	1683.47	0.0058	143.34	190.4142	8058056.92
85	2202321-1 100X	-0.0004	43.33	-0.0070	89.52	0.0168	1826.82	0.0043	116.67	19.6543	882971.26
86	2202321-2 10X	0.0018	140.01	-0.0050	144.76	0.0076	1306.76	0.0025	62.22	1.1046	46827.17
87	2202321-3 10X	0.0005	86.67	-0.0085	38.10	0.0147	1670.13	0.0037	95.56	0.1906	8302.49
88	2202321-4 10X	0.0034	153.34	0.0384	1057.19	0.0127	1096.75	0.0039	65.56	2.4397	73604.49
89	2202321-5 10X	0.0112	260.01	0.0153	368.58	0.0547	1633.45	0.0074	83.34	2.7035	54641.46
90	2202321-6 10X	0.0188	403.36	0.0209	451.44	0.0488	1510.12	0.0064	72.22	1.4379	29147.95
91	CCV	2.7780	119160.72	0.1861	6335.68	4.9055	231885.67	0.9592	27185.32	0.9206	40927.94
92	CCB	0.0010	110.01	-0.0084	44.29	0.0151	1740.14	0.0030	82.22	0.0006	55.56
93	2202321-7 10X	0.0108	320.02	0.0137	417.63	0.0330	1416.79	0.0058	78.89	105.0986	2575788.83

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.0002	63.33	-0.0057	123.81	0.0181	1766.82	0.0021	50.00	2.6725	112113.21
95	2202321-9 10X	0.0010	100.01	-0.0083	42.86	0.0156	1676.82	0.0029	71.11	0.2255	9631.09
96	2202321-10 10X	0.0005	83.34	-0.0084	42.38	0.0111	1533.46	0.0021	55.56	0.2363	10510.59
97	2202321-11 10X	0.0039	193.34	-0.0062	92.38	0.0214	1623.48	0.0048	96.67	262.3417	9362906.25
98	2202321-11 100X	-0.0006	36.67	-0.0084	42.38	0.0120	1546.80	0.0017	43.33	27.0082	1173961.08
99	2202321-12 10X	0.0031	180.01	0.0068	471.44	0.0135	1453.46	0.0025	56.67	153.9947	6032410.56
100	2202321-12 100X	0.0003	70.00	-0.0070	84.76	0.0108	1453.45	0.0015	37.78	15.2685	647990.09
101	2202321-13 10X	0.0147	416.69	0.0292	691.93	0.0751	2503.56	0.0047	63.33	135.0849	3300271.72
102	CCV	2.6533	114359.12	0.1887	6381.42	4.8525	228023.22	0.9191	26034.07	0.9270	40968.01
103	CCB	-0.0002	53.33	-0.0082	49.05	0.0088	1416.77	0.0036	96.67	0.0046	231.12
104	2202321-14 10X	0.0111	460.04	0.0009	272.38	0.0120	1253.43	0.0049	98.89	259.0102	9125329.86
105	2202321-14 100X	0.0000	56.67	-0.0071	79.53	0.0083	1296.76	0.0023	56.67	26.0271	1068257.07
106	2202321-15 10X	0.0015	126.68	-0.0039	182.86	0.0189	1860.16	0.0026	66.67	12.2660	532478.06
107	2202321-16 10X	0.0003	73.34	-0.0053	138.57	0.0091	1403.45	0.0014	34.45	250.6662	10813967.57
108	2202321-16 100X	-0.0003	50.00	-0.0081	52.86	0.0044	1226.76	0.0019	52.22	25.2367	1126741.65
109	CCV	2.7098	118962.04	0.1892	6315.20	4.9216	228345.64	0.9598	26781.24	0.9180	40055.42
110	CCB	-0.0001	56.67	-0.0077	62.86	0.0081	1370.10	0.0037	97.78	0.0050	246.67
111	RINSE	-0.0001	56.67	-0.0081	48.10	0.0076	1246.76	0.0390	1001.16	0.0048	221.12
112	RINSE	0.0006	86.67	-0.0079	55.71	0.0078	1296.77	0.0286	751.14	0.0041	197.78
113	RINSE	0.0011	110.01	-0.0080	53.81	0.0074	1283.43	0.0220	584.47	0.0028	145.56
114	RINSE	0.0008	90.00	-0.0080	49.53	0.0061	1140.08	0.0194	480.02	0.0024	116.67

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	7555581.56		4264714.73	100.0	321389.44	100.0	1926861.12	100.0	133686.55	100.0
2	BLANK	7273208.02		4104386.61	100.0	313440.35	100.0	1763775.75	100.0	125506.38	100.0
3	H/1000	7795908.84		4374581.19	106.6	336116.81	107.2	1878131.17	106.5	133190.64	106.1
4	H/100	7674599.47		4315933.68	105.2	332255.16	106.0	1849762.42	104.9	132415.28	105.5
5	H/10	7938039.26		4389782.75	107.0	346030.70	110.4	1903913.51	107.9	138230.47	110.1
6	HIGH	9471326.32		4762281.60	116.0	368862.03	117.7	2095520.65	118.8	154247.18	122.9
7	RINSE	8863480.29		4808996.91	117.2	355284.70	113.4	2158578.98	122.4	150549.44	120.0
8	ICV	8116458.84		4389328.27	106.9	345037.66	110.1	1924200.75	109.1	137208.87	109.3
9	ICB	7884553.63		4411216.29	107.5	347109.29	110.7	1902561.53	107.9	137918.45	109.9
10	LIV	7812475.93		4280103.89	104.3	333495.93	106.4	1873702.63	106.2	135358.56	107.8
11	ICSA	8011880.51		4310295.46	105.0	344471.05	109.9	1918628.20	108.8	136772.65	109.0
12	ICSAB	9604695.27		4919508.36	119.9	366841.13	117.0	2211510.70	125.4	146461.55	116.7
13	CCV	8493563.00		4604231.08	112.2	362326.04	115.6	2009528.61	113.9	145464.09	115.9
14	CCB	8181751.54		4514610.87	110.0	348339.23	111.1	1947957.57	110.4	139199.69	110.9
15	IP220310-1MB ...	8477983.21		4644585.24	113.2	359532.44	114.7	2016649.92	114.3	144075.30	114.8
16	IM220310-1RVS...	8343145.29		4575149.00	111.5	356700.33	113.8	1985274.81	112.6	144646.63	115.3
17	IM220310-1LCS...	8625393.62		4715724.62	114.9	369685.82	117.9	2041724.40	115.8	147241.39	117.3
18	IM220310-1LCS...	8868480.49		4810771.80	117.2	374569.54	119.5	2105379.71	119.4	151215.98	120.5
19	2203068-1 10X	8994053.20		4911041.49	119.7	384094.45	122.5	2123538.87	120.4	154577.01	123.2
20	2203068-1 100X	8685186.75		4689815.35	114.3	370289.26	118.1	2030832.47	115.1	146158.93	116.5
21	2203068-2 10X	10056171.10		5276322.32	128.6	412499.14	131.6	2278048.30	129.2	166022.74	132.3
22	2203068-2 100X	9182165.70		4853185.03	118.2	373214.23	119.1	2099047.21	119.0	148754.58	118.5
23	2203068-3 10X	8908021.12		4728681.08	115.2	391225.57	124.8	2060263.31	116.8	155377.77	123.8
24	2203068-3 100X	9252414.24		4967538.68	121.0	388223.82	123.9	2128360.33	120.7	154974.66	123.5
25	CCV	9317661.11		4944837.84	120.5	381983.17	121.9	2140367.00	121.4	152840.22	121.8
26	CCB	8273173.21		4494131.08	109.5	329603.65	105.2	1955828.72	110.9	132636.41	105.7
27	2203068-4 10X	9829455.06		5188363.78	126.4	390746.69	124.7	2223870.59	126.1	155325.74	123.8
28	2203068-4 100X	8919939.45		4768656.80	116.2	375665.10	119.9	2071212.83	117.4	148713.42	118.5
29	2203068-5 10X	8917023.83		4812773.06	117.3	373628.48	119.2	2063527.21	117.0	147317.48	117.4
30	2203068-5 100X	8252654.25		4501357.95	109.7	345973.33	110.4	1923962.31	109.1	137801.97	109.8
31	2203068-6 10X	9645345.48		5108856.38	124.5	380980.67	121.5	2201674.14	124.8	151670.70	120.8

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2203068-6 100X	10473689.22		5394420.96	131.4	388452.34	123.9	2331554.39	132.2	154044.22	122.7
33	2203068-7 10X	10380008.81		5487851.17	133.7	410745.53	131.0	2311938.66	131.1	161463.88	128.6
34	2203068-7 100X	8896860.07		4867074.30	118.6	370349.21	118.2	2065929.29	117.1	148261.42	118.1
35	2203068-8 10X	8326483.62		4534765.97	110.5	350625.76	111.9	1951396.38	110.6	139491.37	111.1
36	2203068-8 100X	8782946.74		4767800.55	116.2	368915.18	117.7	2043954.30	115.9	146312.14	116.6
37	CCV	8659418.83		4683383.26	114.1	358100.67	114.2	2045888.30	116.0	144606.68	115.2
38	CCB	8450553.62		4655387.12	113.4	355578.29	113.4	2007031.48	113.8	144975.88	115.5
39	2203068-9 10X	10442769.01		5425235.75	132.2	419555.77	133.9	2327788.45	132.0	166147.05	132.4
40	2203068-9 100X	10033678.39		5300767.11	129.1	404216.74	129.0	2277239.13	129.1	163590.61	130.3
41	2203068-10 10X	9415244.23		4910974.82	119.7	385396.46	123.0	2136037.94	121.1	153678.03	122.4
42	2203068-10 100X	9214683.61		4880231.18	118.9	379261.17	121.0	2113984.76	119.9	150132.41	119.6
43	CCV	10144595.26		5286685.44	128.8	404598.73	129.1	2315141.69	131.3	163681.22	130.4
44	CCB	10050631.31		5310277.11	129.4	411127.53	131.2	2310906.11	131.0	165396.66	131.8
45	IP220307-1MB ...	10373203.59		5397422.53	131.5	413443.00	131.9	2360685.74	133.8	166833.51	132.9
46	IM220307-1LCS...	10583889.22		5485242.42	133.6	421077.71	134.3	2380664.29	135.0	169593.15	135.1
47	IM220307-1LCS...	10608290.26		5505967.21	134.1	445705.19	142.2	2423871.21	137.4	178178.14	142.0
48	2202268-1 10X	10328983.80		5477316.58	133.5	420442.23	134.1	2501467.78	141.8	180338.31	143.7
49	2202268-2 10X	7322840.52		4014306.61	97.8	335052.96	106.9	1749549.35	99.2	140487.39	111.9
50	2202268-3 10X	11393787.33		5991313.45	146.0	469414.30	149.8	2737062.04	155.2	200100.56	159.4
51	CCV	10802339.63		5652103.67	137.7	447674.89	142.8	2475256.63	140.3	182685.25	145.6
52	CCB	11205718.17		5894087.83	143.6	462568.38	147.6	2544780.17	144.3	187326.67	149.3
53	IP220309-4MB ...	11100751.50		5907974.50	143.9	455956.67	145.5	2522832.41	143.0	185495.60	147.8
54	IM220309-4LCS...	10584874.22		5567084.50	135.6	444511.96	141.8	2422609.75	137.4	181131.80	144.3
55	IM220309-4LCS...	10654074.22		5612755.12	136.8	449091.07	143.3	2438927.05	138.3	183632.09	146.3
56	2203118-1 10X	10606865.88		5543885.13	135.1	447110.07	142.6	2432608.40	137.9	185300.50	147.6
57	2203118-1 100X	10770927.34		5701289.08	138.9	460726.89	147.0	2499498.35	141.7	185475.48	147.8
58	2203118-1 1000X	10845931.92		5700369.29	138.9	454829.82	145.1	2457137.15	139.3	180759.95	144.0
59	2203118-2 10X	10577437.55		5537293.46	134.9	446069.59	142.3	2400915.17	136.1	182090.12	145.1
60	2203118-2 100X	10758239.21		5658312.41	137.9	456045.92	145.5	2486607.93	141.0	184642.27	147.1
61	2203118-2 1000X	10727767.55		5702557.42	138.9	452203.68	144.3	2475208.77	140.3	182021.38	145.0
62	CCV	10514847.97		5473793.46	133.4	435174.12	138.8	2401679.81	136.2	177252.14	141.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	10334815.68		5441141.38	132.6	435853.12	139.1	2373090.69	134.5	177922.90	141.8
64	2203118-3 10X	10528338.18		5533111.17	134.8	447864.86	142.9	2420850.95	137.3	183909.74	146.5
65	2203118-3 100X	9993374.22		5263184.09	128.2	422504.97	134.8	2283731.89	129.5	171285.29	136.5
66	2203118-3 1000X	10410139.64		5507145.13	134.2	437918.65	139.7	2368743.87	134.3	179286.07	142.9
67	CCV	10447312.14		5519708.88	134.5	447433.44	142.7	2420774.29	137.2	181650.74	144.7
68	CCB	8802504.04		4763783.89	116.1	406805.45	129.8	2070340.33	117.4	163792.76	130.5
69	IP220310-4MB ...	9755616.52		5259455.86	128.1	423404.64	135.1	2292583.40	130.0	173189.00	138.0
70	IM220310-4RVS...	9726712.35		5252821.69	128.0	422098.29	134.7	2233435.12	126.6	173048.57	137.9
71	IM220310-4LCS...	10082057.77		5426570.75	132.2	442193.52	141.1	2339545.54	132.6	180155.37	143.5
72	IM220310-4LCS...	10088151.93		5387533.46	131.3	446225.20	142.4	2373967.88	134.6	182880.15	145.7
73	2203029-1	9601559.65		5053311.49	123.1	422056.74	134.7	3134913.29	177.7	256374.56	204.3
74	2203029-1 10X	10747907.55		5669967.42	138.1	456550.68	145.7	2490245.33	141.2	185108.25	147.5
75	2203029-1 100X	10599282.55		5649677.63	137.6	457008.85	145.8	2436207.31	138.1	184129.21	146.7
76	2203149-1 10X	10394286.93		5604407.83	136.5	448053.78	142.9	2415230.17	136.9	183217.24	146.0
77	CCV	10073028.81		5352732.00	130.4	439386.45	140.2	2334550.90	132.4	175453.84	139.8
78	CCB	9511910.69		5104674.40	124.4	424389.38	135.4	2224204.97	126.1	171057.54	136.3
79	CCV	9828636.11		5274340.34	128.5	430799.68	137.4	2265846.74	128.5	173741.44	138.4
80	CCB	10107124.64		5389280.13	131.3	445038.64	142.0	2348463.35	133.1	180028.42	143.4
81	IP220302-4MB ...	9741434.64		5286076.80	128.8	412587.77	131.6	2302914.70	130.6	167080.86	133.1
82	IM220302-4LCS...	9524730.27		5110494.09	124.5	433983.21	138.5	2249762.05	127.6	176771.75	140.8
83	IM220302-4LCS...	9806559.02		5292375.96	128.9	436987.04	139.4	2306504.24	130.8	179571.40	143.1
84	2202321-1 10X	9834216.94		5089060.65	124.0	419543.77	133.9	2222470.38	126.0	173276.87	138.1
85	2202321-1 100X	10034099.22		5380784.92	131.1	443403.65	141.5	2324252.78	131.8	179260.60	142.8
86	2202321-2 10X	10108781.10		5238141.38	127.6	425917.12	135.9	2296483.66	130.2	176484.08	140.6
87	2202321-3 10X	10106148.19		5284961.90	128.8	434663.38	138.7	2364906.16	134.1	177299.31	141.3
88	2202321-4 10X	9267310.90		4354257.96	106.1	358618.40	114.4	1883012.58	106.8	146891.01	117.0
89	2202321-5 10X	7884084.88		3505823.17	85.4	293623.08	93.7	1513432.68	85.8	122795.23	97.8
90	2202321-6 10X	8228588.63		3613722.13	88.0	301614.57	96.2	1567356.17	88.9	126878.73	101.1
91	CCV	9479338.40		5089835.86	124.0	431533.87	137.7	2231685.23	126.5	174337.02	138.9
92	CCB	11527399.00		5938941.16	144.7	469931.01	149.9	2587973.35	146.7	187849.57	149.7
93	2202321-7 10X	9204060.07		4108574.63	100.1	340015.75	108.5	1775740.08	100.7	138718.33	110.5

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2202321-8 10X	11587386.49		5567644.50	135.7	435633.56	139.0	2498848.56	141.7	180792.26	144.1
95	2202321-9 10X	10232382.55		5220915.55	127.2	431161.32	137.6	2297746.16	130.3	178054.03	141.9
96	2202321-10 10X	9448499.65		5062989.40	123.4	426070.85	135.9	2199882.21	124.7	174426.55	139.0
97	2202321-11 10X	9412067.57		4682502.12	114.1	377055.55	120.3	2034385.39	115.3	153368.55	122.2
98	2202321-11 100X	9455725.69		5072183.88	123.6	423357.86	135.1	2180046.95	123.6	171036.76	136.3
99	2202321-12 10X	9041722.57		4684464.62	114.1	387692.61	123.7	2045656.43	116.0	158486.99	126.3
100	2202321-12 100X	8651279.04		4731103.89	115.3	400434.14	127.8	2049276.06	116.2	162889.77	129.8
101	2202321-13 10X	8393263.83		3823833.90	93.2	317131.99	101.2	1645028.00	93.3	128764.21	102.6
102	CCV	8787187.16		4834565.86	117.8	412333.12	131.6	2096780.33	118.9	166314.48	132.5
103	CCB	8813614.24		4866643.89	118.6	413690.72	132.0	2131476.63	120.8	167953.00	133.8
104	2202321-14 10X	9147450.91		4596247.43	112.0	370929.14	118.3	1976553.61	112.1	150284.84	119.7
105	2202321-14 100X	8642011.12		4634781.91	112.9	393254.46	125.5	2031354.97	115.2	158457.59	126.3
106	2202321-15 10X	8913427.16		4860611.91	118.4	409327.58	130.6	2153817.10	122.1	167514.24	133.5
107	2202321-16 10X	9011773.62		4814984.20	117.3	406959.80	129.8	2140777.00	121.4	168103.80	133.9
108	2202321-16 100X	8998940.28		4949264.93	120.6	419265.01	133.8	2170413.51	123.1	168789.87	134.5
109	CCV	8980907.16		4933102.11	120.2	409783.96	130.7	2150416.37	121.9	164136.54	130.8
110	CCB	9397245.69		5133726.90	125.1	431525.77	137.7	2247233.25	127.4	176505.86	140.6
111	RINSE	8515541.33		4752702.95	115.8	389282.58	124.2	2099613.09	119.0	162369.44	129.4
112	RINSE	8790252.58		4899722.22	119.4	402522.25	128.4	2188180.60	124.1	166843.54	132.9
113	RINSE	9040490.91		4994329.51	121.7	415900.72	132.7	2237849.55	126.9	172625.13	137.5
114	RINSE	8394295.29		4664027.22	113.6	385897.22	123.1	2086133.20	118.3	161662.48	128.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	12093993.57	100.0	3052143.08	100.0	12342222.99	100.0	1793972.88	100.0	2664942.77	100.0
2	BLANK	11571263.16	100.0	3062520.37	100.0	11892986.76	100.0	1790289.76	100.0	2637635.22	100.0
3	H/1000	12349458.98	106.7	3298392.35	107.7	12644568.79	106.3	1926450.26	107.6	2757135.17	104.5
4	H/100	12207437.32	105.5	3205451.72	104.7	12530145.60	105.4	1894315.67	105.8	2708898.24	102.7
5	H/10	12192546.90	105.4	3281645.47	107.2	12802761.37	107.6	1950858.96	109.0	2769369.85	105.0
6	HIGH	12553208.15	108.5	3206865.89	104.7	13182350.82	110.8	1973593.13	110.2	2693367.30	102.1
7	RINSE	13555168.96	117.1	3391666.10	110.7	13888125.40	116.8	1985939.65	110.9	2849525.58	108.0
8	ICV	12257516.07	105.9	3228955.68	105.4	12795937.64	107.6	1939511.82	108.3	2739804.13	103.9
9	ICB	12411939.40	107.3	3308560.37	108.0	12650815.60	106.4	1944032.74	108.6	2777890.37	105.3
10	LIV	12185859.40	105.3	3217522.04	105.1	12544314.45	105.5	1923190.17	107.4	2689697.15	102.0
11	ICSA	11712391.91	101.2	3183511.10	104.0	12501346.56	105.1	1938224.37	108.3	2648384.91	100.4
12	ICSAB	13107770.64	113.3	3274713.49	106.9	13671348.17	115.0	2020653.28	112.9	2737625.27	103.8
13	CCV	12879118.97	111.3	3343702.24	109.2	13492414.55	113.4	2019029.90	112.8	2851692.98	108.1
14	CCB	12751346.06	110.2	3348174.01	109.3	13072463.27	109.9	1961155.84	109.5	2806638.81	106.4
15	IP220310-1MB ...	13129415.64	113.5	3478153.28	113.6	13523491.69	113.7	2070427.11	115.6	2894750.06	109.7
16	IM220310-1RVS...	12994405.22	112.3	3429307.76	112.0	13209796.47	111.1	2021340.85	112.9	2847440.58	108.0
17	IM220310-1LCS...	13150917.30	113.7	3486264.84	113.8	13534241.97	113.8	2052712.72	114.7	2855615.90	108.3
18	IM220310-1LCS...	13478250.22	116.5	3467890.89	113.2	13838091.06	116.4	2087040.36	116.6	2932776.00	111.2
19	2203068-1 10X	13176613.14	113.9	3439471.41	112.3	13785220.00	115.9	2092538.83	116.9	2849207.46	108.0
20	2203068-1 100X	13218080.22	114.2	3469956.62	113.3	13579681.61	114.2	2070669.56	115.7	2870774.54	108.8
21	2203068-2 10X	14061124.37	121.5	3639075.89	118.8	14650884.86	123.2	2201610.63	123.0	2974472.25	112.8
22	2203068-2 100X	13459016.47	116.3	3462596.83	113.1	13772671.48	115.8	2067540.55	115.5	2829182.35	107.3
23	2203068-3 10X	12841720.64	111.0	3458090.05	112.9	13491266.69	113.4	2103213.86	117.5	2831656.83	107.4
24	2203068-3 100X	13636082.71	117.8	3613645.05	118.0	14069038.38	118.3	2149398.05	120.1	2916410.17	110.6
25	CCV	13610321.46	117.6	3536186.30	115.5	14155082.33	119.0	2122880.14	118.6	2913925.27	110.5
26	CCB	12552949.81	108.5	3149331.00	102.8	12992790.32	109.2	1882920.36	105.2	2734723.40	103.7
27	2203068-4 10X	13765404.38	119.0	3502005.99	114.4	14337506.22	120.6	2115755.19	118.2	2953892.98	112.0
28	2203068-4 100X	13496741.88	116.6	3522472.14	115.0	13889639.00	116.8	2105437.08	117.6	2883897.98	109.3
29	2203068-5 10X	12906059.39	111.5	3359114.43	109.7	13564805.31	114.1	2022005.62	112.9	2823091.83	107.0
30	2203068-5 100X	12593781.90	108.8	3283498.39	107.2	13096321.34	110.1	1939521.73	108.3	2767109.44	104.9
31	2203068-6 10X	13866938.96	119.8	3413004.53	111.4	14378661.75	120.9	2083955.60	116.4	2946003.39	111.7

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2203068-6 100X	14996286.86	129.6	3650150.78	119.2	15157768.70	127.5	2161175.96	120.7	3084698.70	116.9
33	2203068-7 10X	14510872.70	125.4	3597357.45	117.5	14932592.72	125.6	2184978.61	122.0	2983294.43	113.1
34	2203068-7 100X	13573467.72	117.3	3484592.66	113.8	13955116.49	117.3	2059228.31	115.0	2935787.87	111.3
35	2203068-8 10X	12513121.90	108.1	3248231.93	106.1	13087139.28	110.0	1968098.08	109.9	2727547.15	103.4
36	2203068-8 100X	13438119.80	116.1	3497538.80	114.2	13948629.45	117.3	2067890.65	115.5	2935365.37	111.3
37	CCV	13163580.22	113.8	3417959.53	111.6	13646312.61	114.7	2042704.30	114.1	2915109.85	110.5
38	CCB	13284431.47	114.8	3460863.49	113.0	13500356.40	113.5	2062987.08	115.2	2883766.21	109.3
39	2203068-9 10X	14494283.53	125.3	3711336.19	121.2	15092331.86	126.9	2244870.70	125.4	2994996.21	113.5
40	2203068-9 100X	14516486.03	125.5	3737195.78	122.0	14859093.37	124.9	2227720.31	124.4	2992610.37	113.5
41	2203068-10 10X	13266959.39	114.7	3348701.62	109.3	13667715.09	114.9	2029356.41	113.4	2774249.54	105.2
42	2203068-10 100X	13386311.89	115.7	3471345.47	113.3	13704578.33	115.2	2055484.08	114.8	2809327.77	106.5
43	CCV	14368388.95	124.2	3687255.36	120.4	14826821.68	124.7	2244581.83	125.4	3020140.99	114.5
44	CCB	14823434.36	128.1	3824041.19	124.9	15110216.56	127.1	2293193.70	128.1	3059889.75	116.0
45	IP220307-1MB ...	15044829.36	130.0	3784532.96	123.6	15172694.76	127.6	2299866.67	128.5	3051166.20	115.7
46	IM220307-1LCS...	15004434.36	129.7	3794496.82	123.9	15329680.79	128.9	2301157.58	128.5	3065929.95	116.2
47	IM220307-1LCS...	15061959.36	130.2	3949772.34	129.0	15477703.02	130.1	2356832.92	131.6	3068887.04	116.3
48	2202268-1 10X	14635264.36	126.5	3704350.15	121.0	15116978.27	127.1	2243722.22	125.3	3103555.48	117.7
49	2202268-2 10X	9442788.19	81.6	2396380.28	78.2	10597216.70	89.1	1645088.27	91.9	1948169.45	73.9
50	2202268-3 10X	15672848.93	135.4	4054156.19	132.4	16491109.70	138.7	2415506.13	134.9	3213068.91	121.8
51	CCV	15507178.10	134.0	3981498.38	130.0	15933580.52	134.0	2406481.20	134.4	3148280.06	119.4
52	CCB	16088441.84	139.0	4162663.58	135.9	16541899.06	139.1	2451516.71	136.9	3208449.85	121.6
53	IP220309-4MB ...	15981734.76	138.1	4093500.77	133.7	16460283.45	138.4	2441914.06	136.4	3220118.91	122.1
54	IM220309-4LCS...	15298591.44	132.2	4001127.44	130.6	15863137.65	133.4	2398541.55	134.0	3174757.87	120.4
55	IM220309-4LCS...	15437672.69	133.4	4052856.61	132.3	15860346.93	133.4	2388199.32	133.4	3182981.41	120.7
56	2203118-1 10X	15047091.03	130.0	3978649.42	129.9	15629423.43	131.4	2405274.66	134.4	3106737.35	117.8
57	2203118-1 100X	15616919.76	135.0	4153266.61	135.6	16116654.68	135.5	2467808.79	137.8	3200186.93	121.3
58	2203118-1 1000X	15710214.76	135.8	4099176.71	133.8	16172814.06	136.0	2476598.20	138.3	3242053.49	122.9
59	2203118-2 10X	14803794.36	127.9	3953517.75	129.1	15622547.99	131.4	2372684.84	132.5	3085911.41	117.0
60	2203118-2 100X	15502163.52	134.0	4119111.40	134.5	16138112.30	135.7	2434951.42	136.0	3218824.43	122.0
61	2203118-2 1000X	15539372.69	134.3	4066550.67	132.8	16123293.49	135.6	2397509.62	133.9	3209200.68	121.7
62	CCV	14979839.36	129.5	3937547.44	128.6	15461128.40	130.0	2330086.15	130.2	3126230.68	118.5

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	15109112.69	130.6	3957157.03	129.2	15535771.08	130.6	2362058.04	131.9	3109009.43	117.9
64	2203118-3 10X	15097548.11	130.5	4037225.56	131.8	15655367.95	131.6	2419533.41	135.1	3149937.04	119.4
65	2203118-3 100X	14457016.03	124.9	3813956.71	124.5	14896342.60	125.3	2293000.48	128.1	2980869.54	113.0
66	2203118-3 1000X	15103545.19	130.5	4014314.21	131.1	15634322.94	131.5	2405003.46	134.3	3096044.95	117.4
67	CCV	15099391.86	130.5	4016116.09	131.1	15812086.35	133.0	2437526.18	136.2	3176984.95	120.4
68	CCB	13373976.05	115.6	3780498.90	123.4	13819704.62	116.2	2215063.16	123.7	2889164.64	109.5
69	IP220310-4MB ...	14781040.20	127.7	3957550.05	129.2	15262117.68	128.3	2335040.00	130.4	3146217.04	119.3
70	IM220310-4RVS...	14633878.11	126.5	3920850.67	128.0	15038614.94	126.4	2308733.85	129.0	3074104.44	116.5
71	IM220310-4LCS...	15163910.19	131.0	4065689.52	132.8	15747025.10	132.4	2396656.09	133.9	3175750.37	120.4
72	IM220310-4LCS...	15138598.52	130.8	4044954.00	132.1	15677257.97	131.8	2405298.61	134.4	3191573.39	121.0
73	2203029-1	12952383.14	111.9	3516232.76	114.8	13921680.65	117.1	2179907.84	121.8	2767373.29	104.9
74	2203029-1 10X	15396617.27	133.1	4094849.84	133.7	16078817.48	135.2	2467237.42	137.8	3222801.83	122.2
75	2203029-1 100X	15491391.02	133.9	4169176.71	136.1	16217823.51	136.4	2489243.55	139.0	3231244.74	122.5
76	2203149-1 10X	15497965.60	133.9	4112120.36	134.3	16030020.96	134.8	2434754.60	136.0	3223125.16	122.2
77	CCV	14857758.53	128.4	3957570.46	129.2	15463426.89	130.0	2384233.69	133.2	3144807.35	119.2
78	CCB	14431482.28	124.7	3893741.19	127.1	14892278.66	125.2	2293827.89	128.1	3033906.62	115.0
79	CCV	14416863.95	124.6	3943871.40	128.8	15150042.73	127.4	2322616.57	129.7	3128332.56	118.6
80	CCB	15069442.69	130.2	4104894.00	134.0	15652317.60	131.6	2431539.16	135.8	3191754.12	121.0
81	IP220302-4MB ...	14522283.53	125.5	3799381.40	124.1	15212126.19	127.9	2258966.26	126.2	3127261.62	118.6
82	IM220302-4LCS...	14302998.54	123.6	3954448.90	129.1	14804043.64	124.5	2352462.16	131.4	3073002.14	116.5
83	IM220302-4LCS...	14759876.86	127.6	4018322.44	131.2	15220175.11	128.0	2368475.92	132.3	3151226.83	119.5
84	2202321-1 10X	13643408.13	117.9	3709259.84	121.1	14483422.54	121.8	2249153.74	125.6	2966951.00	112.5
85	2202321-1 100X	14619930.62	126.3	4004733.38	130.8	15339517.78	129.0	2385389.65	133.2	3109920.06	117.9
86	2202321-2 10X	14076452.29	121.7	3769264.11	123.1	14829170.67	124.7	2275518.61	127.1	3066868.08	116.3
87	2202321-3 10X	14423132.28	124.6	3861303.49	126.1	15116330.88	127.1	2339552.03	130.7	3118708.81	118.2
88	2202321-4 10X	10861626.50	93.9	2849490.58	93.0	11654294.47	98.0	1830251.86	102.2	2197851.84	83.3
89	2202321-5 10X	8089210.30	69.9	2123950.39	69.4	8808300.39	74.1	1472355.27	82.2	1430313.52	54.2
90	2202321-6 10X	8156835.71	70.5	2153050.59	70.3	8805119.34	74.0	1478738.00	82.6	1381985.14	52.4
91	CCV	14040555.21	121.3	3861129.42	126.1	14700162.16	123.6	2342280.74	130.8	2976079.85	112.8
92	CCB	15967087.26	138.0	4150618.06	135.5	16374005.00	137.7	2480989.35	138.6	3126960.58	118.6
93	2202321-7 10X	9743192.56	84.2	2519442.77	82.3	10520345.30	88.5	1670082.24	93.3	1823845.34	69.1

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2202321-8 10X	14373306.03	124.2	3736189.95	122.0	15088900.49	126.9	2285096.69	127.6	2784117.25	105.6
95	2202321-9 10X	14089814.79	121.8	3775130.36	123.3	14861948.87	125.0	2330785.45	130.2	2902562.25	110.0
96	2202321-10 10X	14092918.12	121.8	3826884.95	125.0	14876401.04	125.1	2325504.39	129.9	3011905.68	114.2
97	2202321-11 10X	12099784.82	104.6	3175737.56	103.7	13163492.06	110.7	2001236.67	111.8	2531991.11	96.0
98	2202321-11 100X	13901063.13	120.1	3805152.97	124.2	14669455.06	123.3	2287202.08	127.8	2983672.87	113.1
99	2202321-12 10X	12561097.31	108.6	3374177.97	110.2	13497177.98	113.5	2097081.58	117.1	2770800.58	105.0
100	2202321-12 100X	13313553.97	115.1	3646151.93	119.1	14050025.75	118.1	2202943.17	123.0	2886899.44	109.5
101	2202321-13 10X	9239439.03	79.8	2417603.61	78.9	10154188.29	85.4	1581400.48	88.3	1791830.81	67.9
102	CCV	13548629.38	117.1	3794530.99	123.9	14328293.33	120.5	2264551.88	126.5	2989938.50	113.4
103	CCB	13982954.79	120.8	3855815.78	125.9	14558510.75	122.4	2295394.35	128.2	2999627.56	113.7
104	2202321-14 10X	12035586.90	104.0	3155749.22	103.0	13059319.74	109.8	1982256.10	110.7	2555256.78	96.9
105	2202321-14 100X	12930934.81	111.8	3528188.70	115.2	13645631.83	114.7	2161761.51	120.7	2808586.63	106.5
106	2202321-15 10X	13689321.88	118.3	3760818.49	122.8	14332593.04	120.5	2268431.94	126.7	2971663.39	112.7
107	2202321-16 10X	13479442.30	116.5	3720817.55	121.5	14401387.33	121.1	2243670.04	125.3	2978246.62	112.9
108	2202321-16 100X	14110464.79	121.9	3830524.32	125.1	14758736.70	124.1	2320391.03	129.6	3045547.77	115.5
109	CCV	13827948.13	119.5	3770803.17	123.1	14664298.92	123.3	2259010.38	126.2	3045668.81	115.5
110	CCB	14421968.12	124.6	3904955.15	127.5	14830390.55	124.7	2350847.43	131.3	3062659.75	116.1
111	RINSE	13418137.30	116.0	3626194.22	118.4	14106856.17	118.6	2176018.35	121.5	2936451.62	111.3
112	RINSE	13809139.79	119.3	3718851.09	121.4	14518934.82	122.1	2179286.38	121.7	3013985.27	114.3
113	RINSE	14094260.62	121.8	3804505.36	124.2	14722101.90	123.8	2269689.87	126.8	3043727.14	115.4
114	RINSE	13254555.22	114.5	3552300.68	116.0	13586243.03	114.2	2104547.40	117.6	2793735.07	105.9

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	465147.43	100.0	9925333.60	100.0	2642211.32	100.0
2	BLANK	464851.15	100.0	9666697.56	100.0	2683678.19	100.0
3	H/1000	497518.52	107.0	10051689.64	104.0	2832672.56	105.6
4	H/100	492348.04	105.9	10009640.48	103.5	2800608.39	104.4
5	H/10	502653.47	108.1	9986774.23	103.3	2775450.17	103.4
6	HIGH	485523.87	104.4	9343047.15	96.7	2525984.60	94.1
7	RINSE	504271.01	108.5	10707568.59	110.8	2860016.94	106.6
8	ICV	500860.18	107.7	9888410.89	102.3	2779080.79	103.6
9	ICB	499127.51	107.4	10029984.01	103.8	2823657.56	105.2
10	LIV	485084.43	104.4	9902450.06	102.4	2788399.65	103.9
11	ICSA	478887.57	103.0	9553989.86	98.8	2665310.69	99.3
12	ICSAB	487549.00	104.9	9800754.86	101.4	2664928.81	99.3
13	CCV	513604.43	110.5	10173799.64	105.2	2830852.67	105.5
14	CCB	494323.98	106.3	10363994.43	107.2	2844992.15	106.0
15	IP220310-1MB ...	515752.73	111.0	10660174.63	110.3	2915269.64	108.6
16	IM220310-1RVS...	504250.82	108.5	10414405.26	107.7	2858893.29	106.5
17	IM220310-1LCS...	514428.59	110.7	10421788.60	107.8	2898179.12	108.0
18	IM220310-1LCS...	524520.80	112.8	10539620.05	109.0	2917897.87	108.7
19	2203068-1 10X	517460.10	111.3	10612757.97	109.8	2926287.77	109.0
20	2203068-1 100X	520913.70	112.1	10504129.43	108.7	2930764.64	109.2
21	2203068-2 10X	532634.59	114.6	10939342.34	113.2	2978989.02	111.0
22	2203068-2 100X	505432.49	108.7	10413459.01	107.7	2868484.02	106.9
23	2203068-3 10X	517488.83	111.3	10340690.89	107.0	2894621.52	107.9
24	2203068-3 100X	527506.50	113.5	10710760.67	110.8	3010483.71	112.2
25	CCV	529978.91	114.0	10561540.47	109.3	2929514.33	109.2
26	CCB	462721.22	99.5	9979257.97	103.2	2620611.78	97.7
27	2203068-4 10X	521317.61	112.1	10868051.92	112.4	2924909.64	109.0
28	2203068-4 100X	520426.89	112.0	10668630.05	110.4	2961495.68	110.4
29	2203068-5 10X	510016.80	109.7	10434333.18	107.9	2865650.69	106.8
30	2203068-5 100X	488122.69	105.0	10156565.06	105.1	2829286.10	105.4
31	2203068-6 10X	516883.06	111.2	10915052.34	112.9	2937704.54	109.5

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2203068-6 100X	534868.45	115.1	11241552.75	116.3	3028308.81	112.8
33	2203068-7 10X	527449.74	113.5	11084335.67	114.7	2961268.29	110.3
34	2203068-7 100X	523751.64	112.7	10778322.34	111.5	2970582.66	110.7
35	2203068-8 10X	489673.38	105.3	10154202.76	105.0	2795599.96	104.2
36	2203068-8 100X	522370.54	112.4	10812533.59	111.9	3012270.68	112.2
37	CCV	514257.77	110.6	10440060.47	108.0	2845512.15	106.0
38	CCB	513972.74	110.6	10510854.01	108.7	2942784.85	109.7
39	2203068-9 10X	539198.77	116.0	11007761.92	113.9	3019442.98	112.5
40	2203068-9 100X	539096.47	116.0	11000577.34	113.8	3053223.29	113.8
41	2203068-10 10X	488516.36	105.1	10088977.77	104.4	2745477.57	102.3
42	2203068-10 100X	497457.85	107.0	10213079.22	105.7	2813967.35	104.9
43	CCV	539758.51	116.1	10785360.67	111.6	2963515.68	110.4
44	CCB	545291.77	117.3	11085996.08	114.7	3045104.64	113.5
45	IP220307-1MB ...	539691.72	116.1	11160832.33	115.5	3067517.56	114.3
46	IM220307-1LCS...	543701.32	117.0	11030515.25	114.1	3052249.12	113.7
47	IM220307-1LCS...	546498.49	117.6	10997730.67	113.8	3039897.24	113.3
48	2202268-1 10X	535513.13	115.2	11029592.34	114.1	2977184.85	110.9
49	2202268-2 10X	294796.03	63.4	6638810.11	68.7	1543064.82	57.5
50	2202268-3 10X	551752.09	118.7	11608537.75	120.1	3001496.21	111.8
51	CCV	546489.28	117.6	11385682.33	117.8	2990887.25	111.4
52	CCB	548841.87	118.1	11682083.99	120.8	3123107.87	116.4
53	IP220309-4MB ...	546305.90	117.5	11713320.24	121.2	3069178.70	114.4
54	IM220309-4LCS...	546921.71	117.7	11529332.75	119.3	3061486.10	114.1
55	IM220309-4LCS...	552668.47	118.9	11551002.75	119.5	3044961.10	113.5
56	2203118-1 10X	543608.08	116.9	11096261.08	114.8	2951052.35	110.0
57	2203118-1 100X	549252.69	118.2	11700232.74	121.0	3081452.25	114.8
58	2203118-1 1000X	550777.41	118.5	11786639.41	121.9	3060378.91	114.0
59	2203118-2 10X	532480.45	114.5	11117479.42	115.0	2925850.58	109.0
60	2203118-2 100X	545731.78	117.4	11561170.66	119.6	3055785.68	113.9
61	2203118-2 1000X	539658.38	116.1	11687661.91	120.9	3054546.00	113.8
62	CCV	537091.48	115.5	11173711.50	115.6	2937328.08	109.5

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	530239.00	114.1	11252162.75	116.4	2997251.10	111.7
64	2203118-3 10X	541904.38	116.6	11392984.42	117.9	3044750.68	113.5
65	2203118-3 100X	506539.60	109.0	10927919.00	113.0	2857515.06	106.5
66	2203118-3 1000X	532956.44	114.7	11386936.08	117.8	3066493.81	114.3
67	CCV	552703.31	118.9	11454173.16	118.5	3056023.81	113.9
68	CCB	505349.19	108.7	10507389.01	108.7	2911506.10	108.5
69	IP220310-4MB ...	531786.61	114.4	11531817.33	119.3	3032464.64	113.0
70	IM220310-4RVS...	520224.64	111.9	11290009.41	116.8	2964069.23	110.4
71	IM220310-4LCS...	547597.18	117.8	11753666.91	121.6	3098469.95	115.5
72	IM220310-4LCS...	553969.43	119.2	11637573.16	120.4	3100406.93	115.5
73	2203029-1	470012.98	101.1	9629082.98	99.6	2509382.36	93.5
74	2203029-1 10X	551919.94	118.7	11616877.74	120.2	3072493.08	114.5
75	2203029-1 100X	559768.61	120.4	11887453.57	123.0	3231559.33	120.4
76	2203149-1 10X	555197.77	119.4	11923881.49	123.4	3148780.06	117.3
77	CCV	550130.66	118.3	11366213.58	117.6	3049050.48	113.6
78	CCB	528878.10	113.8	11198565.25	115.8	3031485.48	113.0
79	CCV	547548.04	117.8	11344914.83	117.4	3026842.25	112.8
80	CCB	559054.88	120.3	11715404.41	121.2	3139660.89	117.0
81	IP220302-4MB ...	518517.56	111.5	11444238.58	118.4	2933802.98	109.3
82	IM220302-4LCS...	548692.82	118.0	11238896.92	116.3	3073926.72	114.5
83	IM220302-4LCS...	551171.47	118.6	11481901.08	118.8	3102321.41	115.6
84	2202321-1 10X	518167.27	111.5	10413380.89	107.7	2765671.52	103.1
85	2202321-1 100X	550022.25	118.3	11362566.91	117.5	3031529.44	113.0
86	2202321-2 10X	518781.84	111.6	10470559.01	108.3	2758311.21	102.8
87	2202321-3 10X	531621.70	114.4	10795394.63	111.7	2875042.45	107.1
88	2202321-4 10X	369367.79	79.5	7315702.18	75.7	1894671.17	70.6
89	2202321-5 10X	247406.66	53.2	4796950.97	49.6	1260107.51	47.0
90	2202321-6 10X	248156.33	53.4	4569234.31	47.3	1253428.86	46.7
91	CCV	543962.90	117.0	10631685.47	110.0	3007290.16	112.1
92	CCB	547779.50	117.8	11173489.83	115.6	3053577.45	113.8
93	2202321-7 10X	300052.19	64.5	5956068.66	61.6	1515540.19	56.5

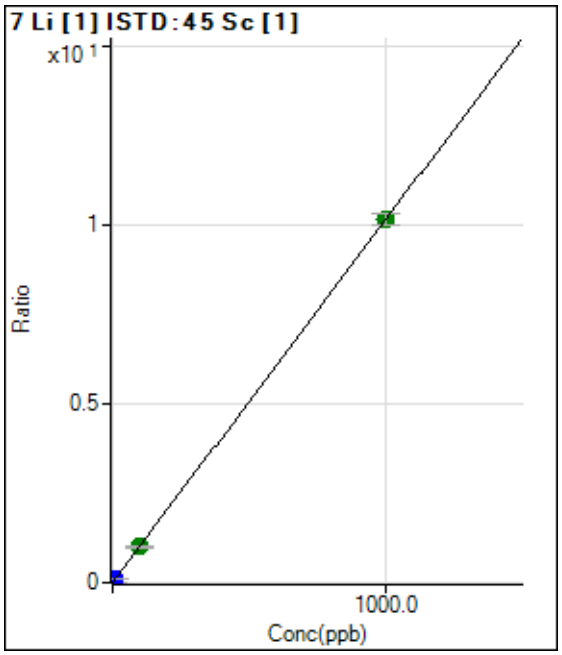
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2202321-8 10X	513547.84	110.5	9701663.81	100.4	2686589.23	100.1
95	2202321-9 10X	521496.62	112.2	10187878.39	105.4	2752168.19	102.6
96	2202321-10 10X	543065.14	116.8	10668944.42	110.4	2908982.77	108.4
97	2202321-11 10X	436975.00	94.0	8772586.95	90.8	2258470.17	84.2
98	2202321-11 100X	532214.08	114.5	10561622.76	109.3	2898811.31	108.0
99	2202321-12 10X	479610.73	103.2	9588422.77	99.2	2535275.59	94.5
100	2202321-12 100X	519669.85	111.8	10481927.76	108.4	2861749.02	106.6
101	2202321-13 10X	299067.76	64.3	5955625.75	61.6	1507860.66	56.2
102	CCV	540734.93	116.3	10800957.34	111.7	3013361.73	112.3
103	CCB	539187.18	116.0	11070356.92	114.5	3018607.66	112.5
104	2202321-14 10X	431359.41	92.8	8785022.37	90.9	2275777.73	84.8
105	2202321-14 100X	502565.95	108.1	10042462.35	103.9	2713335.69	101.1
106	2202321-15 10X	531527.05	114.3	10797316.51	111.7	2920266.83	108.8
107	2202321-16 10X	528234.90	113.6	10597478.59	109.6	2853984.13	106.3
108	2202321-16 100X	546694.63	117.6	11286356.92	116.8	3039703.71	113.3
109	CCV	533917.50	114.9	11062198.58	114.4	2960422.14	110.3
110	CCB	533533.30	114.8	11122298.17	115.1	2984423.39	111.2
111	RINSE	493961.49	106.3	10801612.76	111.7	2865274.33	106.8
112	RINSE	509073.51	109.5	11056785.67	114.4	2934246.21	109.3
113	RINSE	512347.19	110.2	11255190.25	116.4	2973438.50	110.8
114	RINSE	476034.24	102.4	10389250.68	107.5	2758615.48	102.8

Calibration for 006CALS_22C11m00.D

Batch Folder:	C:\ICPMH\1\DATA\22C11m01.B\
Analysis File:	22C11m01.batch.xml
DA Date-Time:	3/12/2022 09:06:27
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB_22C11m00.D	BLANK	3/11/2022 12:21:29
2	003CALS_22C11m00.D	H/1000	3/11/2022 12:27:25
3	004CALS_22C11m00.D	H/100	3/11/2022 12:33:21
4	005CALS_22C11m00.D	H/10	3/11/2022 12:39:16
5	006CALS_22C11m00.D	HIGH	3/11/2022 12:45:07
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1327.40	0.0002	P	9.0
2	☐	1.0000	0.9314	75119.34	0.0096	P	4.2
3	☐	10.0000	9.3702	731346.00	0.0954	P	3.4
4	☐	100.0000	99.0591	7981994.67	1.0065	A	3.7
5	☐	1000.0000	1000.1005	96160485.33	10.1603	A	3.3
6	☐	200.0000					

y = 0.0102 * x + 1.8287E-004

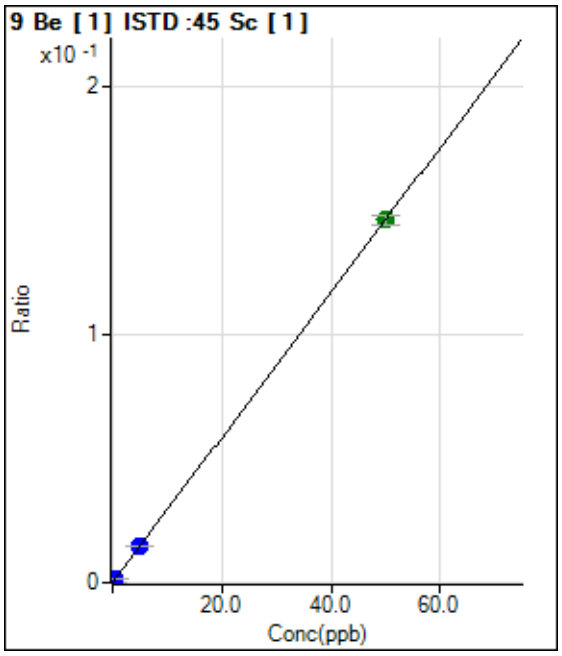
R = 1.0000

DL = 0.004863

BEC = 0.018

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	76.00	0.0000	P	6.3
2	☐	0.0500	0.0492	1203.39	0.0002	P	2.4
3	☐	0.5000	0.5049	11401.19	0.0015	P	4.4
4	☐	5.0000	5.0751	117804.10	0.0149	P	3.2
5	☐	50.0000	49.9924	1383973.42	0.1462	A	2.8
6	☐	10.0000					

y = 0.0029 * x + 1.0439E-005

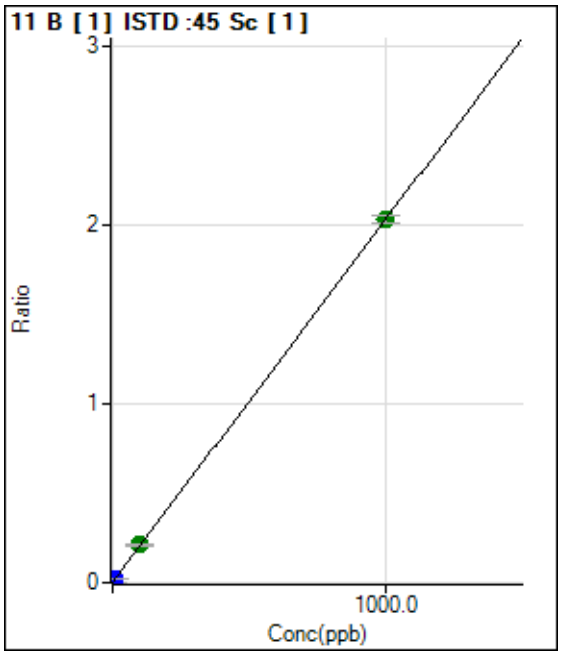
R = 1.0000

DL = 0.0006749

BEC = 0.003569

Weight: None

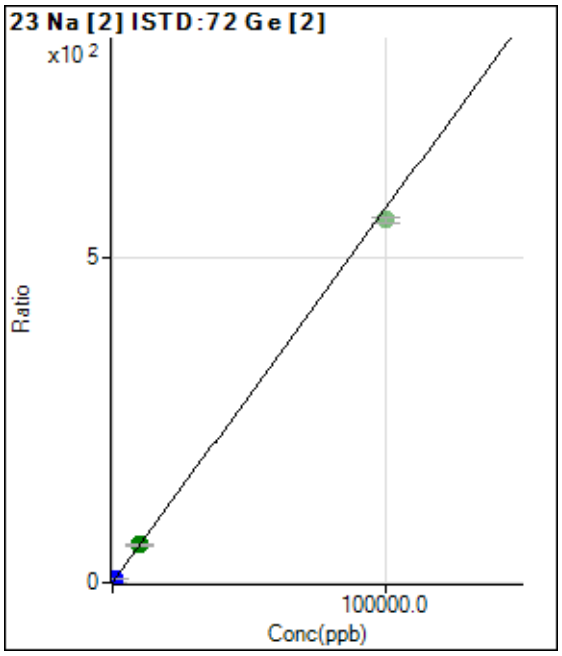
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10155.36	0.0014	P	2.3
2	☐	1.0000	0.8395	24167.28	0.0031	P	2.2
3	☐	10.0000	9.8083	163549.64	0.0213	P	1.9
4	☐	100.0000	102.9018	1669621.25	0.2104	A	1.8
5	☐	1000.0000	999.7119	19239460.35	2.0322	A	2.0
6	☐	200.0000					

y = 0.0020 * x + 0.0014
R = 1.0000
DL = 0.04783
BEC = 0.6872

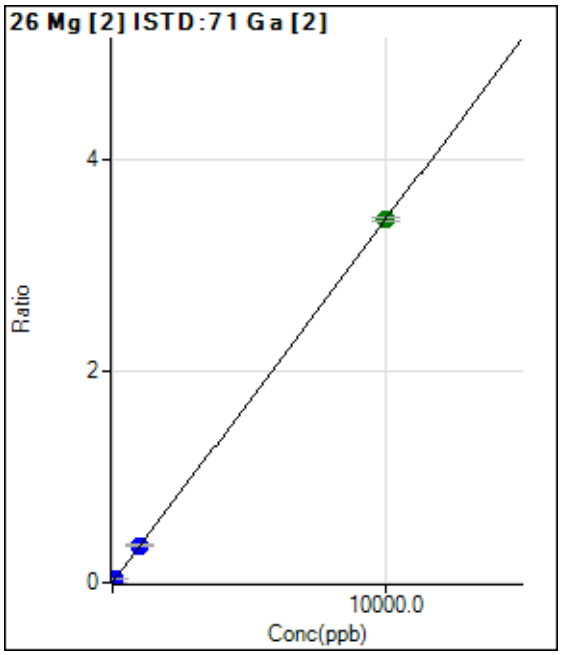
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	28158.02	0.2244	P	2.4
2	☐	100.0000	104.1500	109598.64	0.8229	P	1.2
3	☐	1000.0000	1006.0349	795268.06	6.0060	P	2.3
4	☐	10000.0000	9999.3550	7973858.63	57.6897	A	1.5
5	☑	100000.0000		86012638.72	557.6646	A	1.7
6	☐	20000.0000					

y = 0.0057 * x + 0.2244
R = 1.0000
DL = 2.777
BEC = 39.04

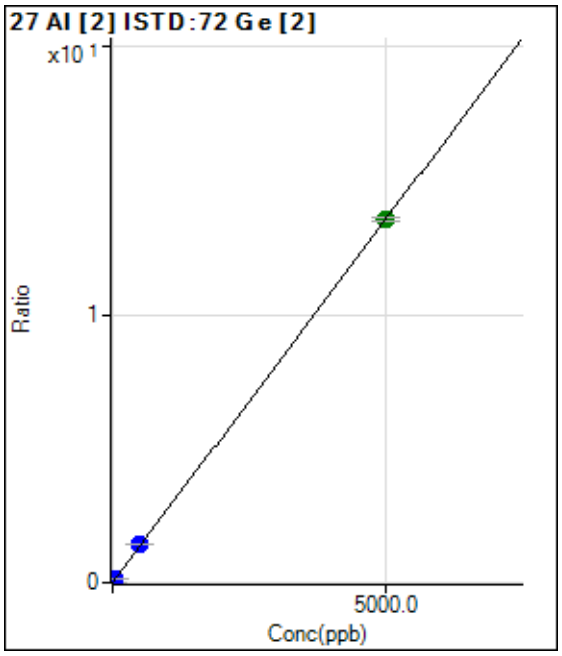
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	76.67	0.0002	P	39.0
2	☐	10.0000	10.1885	1260.11	0.0037	P	13.7
3	☐	100.0000	97.0326	11160.82	0.0336	P	6.2
4	☐	1000.0000	1026.8434	122191.87	0.3533	P	3.0
5	☐	10000.0000	9997.3451	1267919.95	3.4373	A	1.1
6	☐	2000.0000					

y = 3.4379E-004 * x + 2.4403E-004
R = 1.0000
DL = 0.8306
BEC = 0.7098

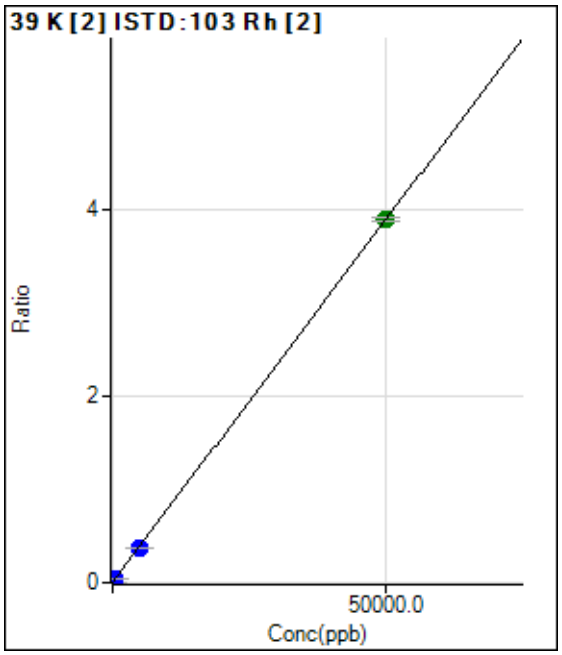
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	173.34	0.0014	P	9.3
2	☐	5.0000	5.1799	2053.57	0.0154	P	3.0
3	☐	50.0000	51.8372	18781.23	0.1418	P	3.0
4	☐	500.0000	523.0206	196080.68	1.4186	P	1.4
5	☐	5000.0000	4997.6794	2088896.01	13.5438	A	1.1
6	☐	1000.0000					

y = 0.0027 * x + 0.0014
R = 1.0000
DL = 0.1419
BEC = 0.5098

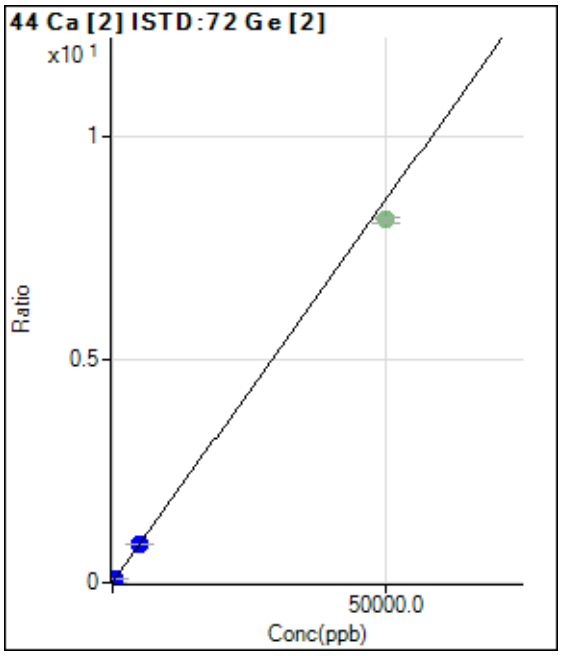
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8195.76	0.0027	P	9.0
2	☐	50.0000	44.9674	20346.70	0.0062	P	2.3
3	☐	500.0000	465.5537	124477.05	0.0388	P	1.1
4	☐	5000.0000	4787.1839	1229033.60	0.3745	P	0.5
5	☐	50000.0000	50021.6311	12469557.73	3.8880	A	0.9
6	☐	10000.0000					

y = 7.7673E-005 * x + 0.0027
R = 1.0000
DL = 9.268
BEC = 34.46

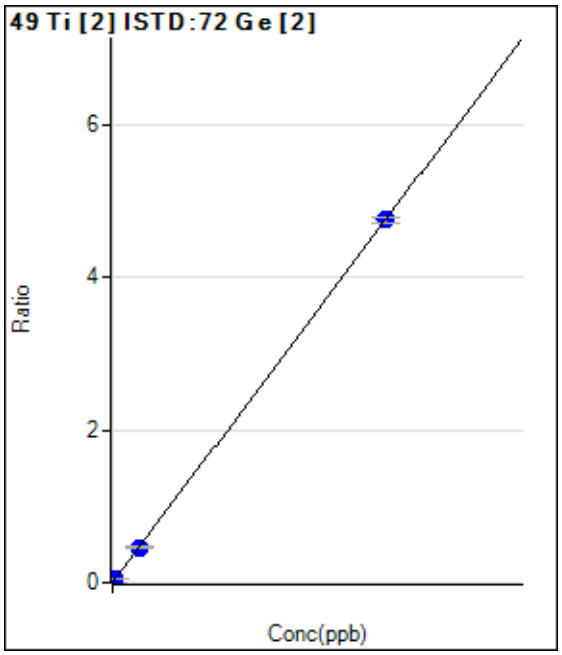
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	781.76	0.0062	P	13.2
2	☐	50.0000	20.0836	1288.66	0.0097	P	12.7
3	☐	500.0000	485.0813	11843.53	0.0894	P	3.0
4	☐	5000.0000	5001.7910	119467.61	0.8642	P	1.5
5	☑	50000.0000		1257050.50	8.1478	A	1.9
6	☐	10000.0000					

y = 1.7154E-004 * x + 0.0062
R = 1.0000
DL = 14.42
BEC = 36.32

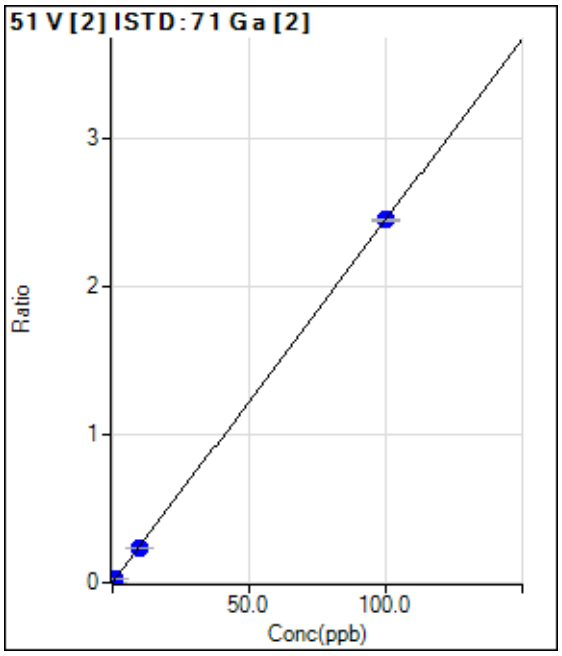
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	16.67	0.0001	P	34.8
2	☐	3.0000	3.1721	686.71	0.0052	P	22.2
3	☐	30.0000	30.6119	6438.25	0.0486	P	9.8
4	☐	300.0000	293.9696	64403.81	0.4659	P	1.3
5	☐	3000.0000	3000.5968	733339.68	4.7543	P	1.7
6	☐	400.0000					

y = 0.0016 * x + 1.3286E-004
R = 1.0000
DL = 0.08752
BEC = 0.08385

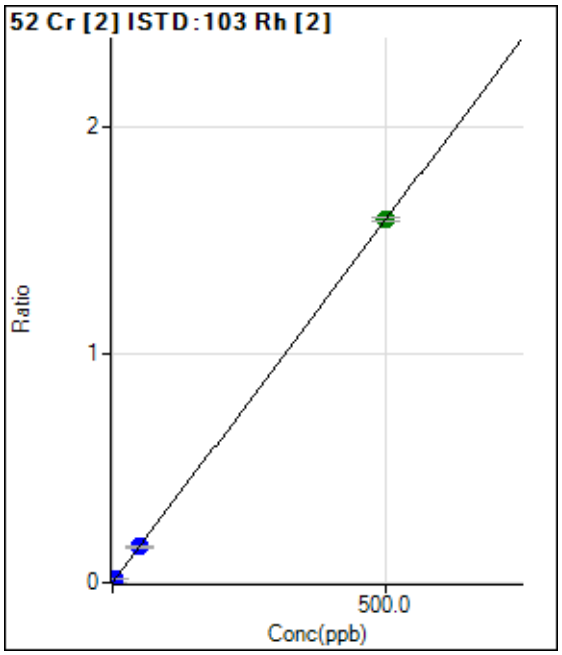
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	243.00	0.0008	P	4.8
2	☐	0.1000	0.0977	1063.37	0.0032	P	2.0
3	☐	1.0000	0.9457	7936.26	0.0239	P	2.1
4	☐	10.0000	9.5126	80677.50	0.2332	P	2.9
5	☐	100.0000	100.0493	902190.21	2.4457	P	0.6
6	☐	20.0000					

y = 0.0244 * x + 7.7503E-004
R = 1.0000
DL = 0.004593
BEC = 0.03171

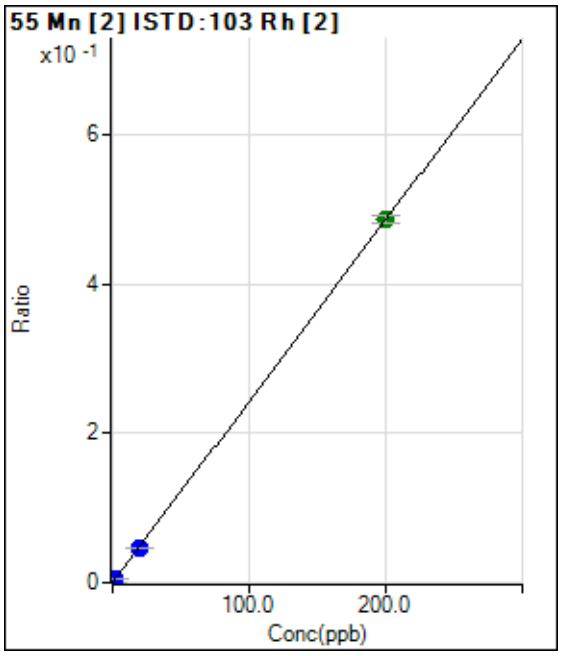
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	822.26	0.0003	P	7.8
2	☐	0.5000	0.4797	5920.03	0.0018	P	4.6
3	☐	5.0000	4.7400	49198.84	0.0154	P	4.5
4	☐	50.0000	48.9913	512558.38	0.1562	P	1.0
5	☐	500.0000	500.1035	5104803.69	1.5919	A	1.0
6	☐	100.0000					

y = 0.0032 * x + 2.6852E-004
R = 1.0000
DL = 0.01966
BEC = 0.08437

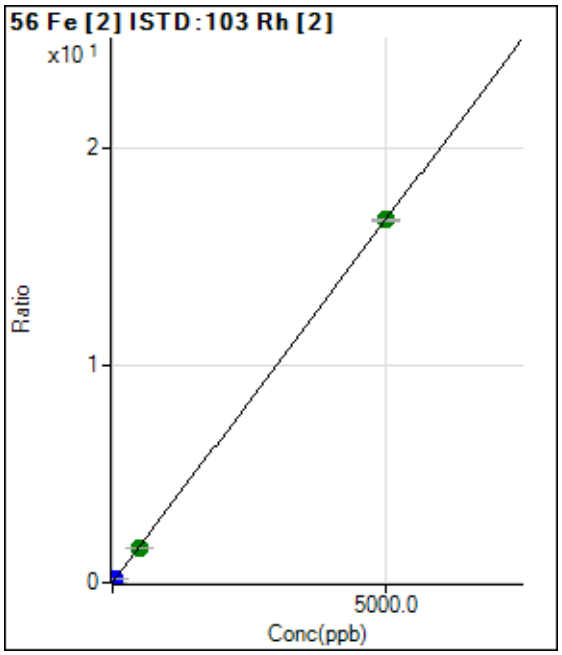
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	322.23	0.0001	P	4.7
2	☐	0.2000	0.2077	2009.04	0.0006	P	1.1
3	☐	2.0000	1.8582	14784.58	0.0046	P	4.1
4	☐	20.0000	19.0150	151755.10	0.0462	P	1.4
5	☐	200.0000	200.0999	1557166.75	0.4856	A	2.1
6	☐	40.0000					

y = 0.0024 * x + 1.0521E-004
R = 1.0000
DL = 0.006061
BEC = 0.04336

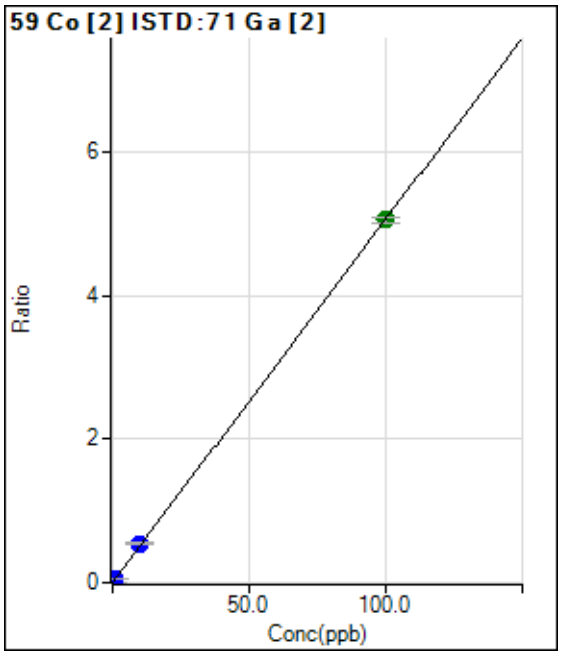
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5521.02	0.0018	P	42.8
2	☐	5.0000	5.1714	62790.96	0.0190	P	0.4
3	☐	50.0000	49.7451	537009.07	0.1676	P	3.7
4	☐	500.0000	474.8277	5198013.26	1.5841	A	1.5
5	☐	5000.0000	5002.5196	53463482.54	16.6715	A	0.2
6	☐	1000.0000					

y = 0.0033 * x + 0.0018
R = 1.0000
DL = 0.6954
BEC = 0.5414

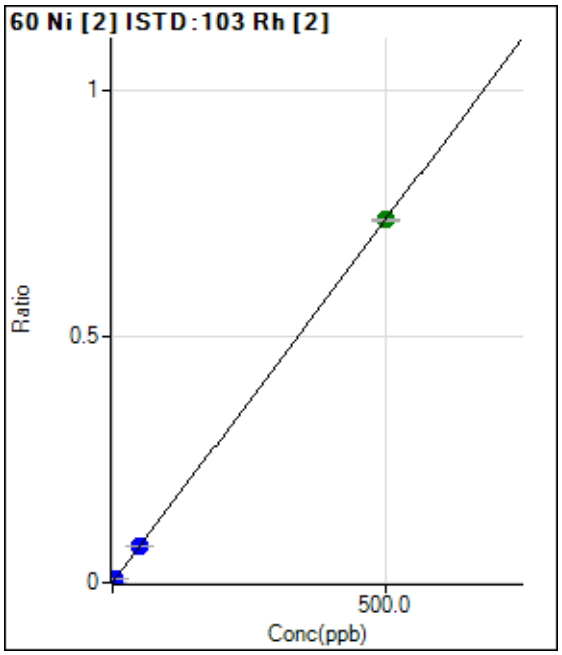
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	66.67	0.0002	P	22.3
2	☐	0.1000	0.1041	1840.13	0.0055	P	7.1
3	☐	1.0000	1.0665	17976.67	0.0541	P	5.0
4	☐	10.0000	10.7534	188047.22	0.5436	P	2.5
5	☐	100.0000	99.9240	1862607.43	5.0497	A	1.5
6	☐	20.0000					

y = 0.0505 * x + 2.1291E-004
R = 1.0000
DL = 0.002823
BEC = 0.004213

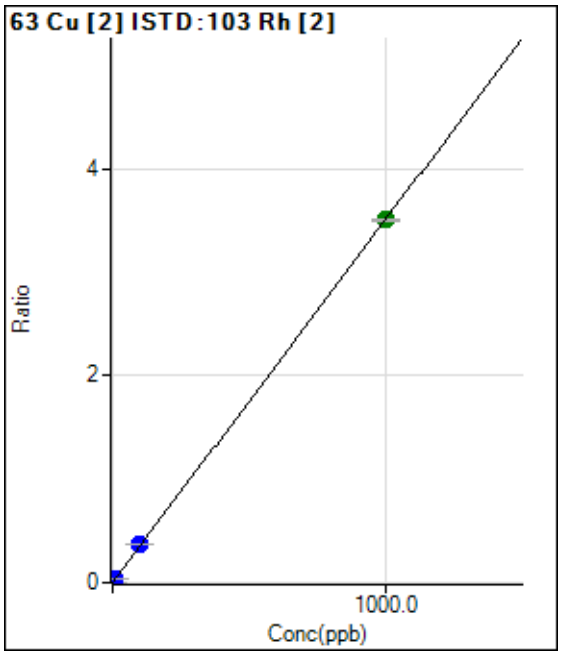
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	170.00	0.0001	P	15.5
2	☐	0.5000	0.5025	2621.36	0.0008	P	6.3
3	☐	5.0000	5.1079	24262.56	0.0076	P	4.9
4	☐	50.0000	51.1782	247299.93	0.0754	P	0.8
5	☐	500.0000	499.8811	2359076.02	0.7356	A	0.4
6	☐	100.0000					

y = 0.0015 * x + 5.5504E-005
R = 1.0000
DL = 0.01749
BEC = 0.03772

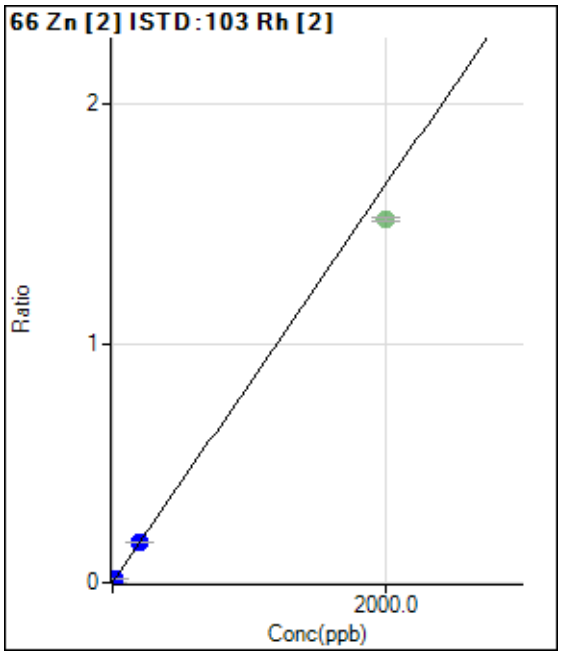
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1217.84	0.0004	P	6.6
2	☐	1.0000	1.0936	13960.56	0.0042	P	4.6
3	☐	10.0000	10.5527	119901.22	0.0374	P	4.0
4	☐	100.0000	105.9984	1221360.75	0.3722	P	1.6
5	☐	1000.0000	999.3945	11243182.05	3.5059	A	0.6
6	☐	200.0000					

y = 0.0035 * x + 3.9762E-004
R = 1.0000
DL = 0.02255
BEC = 0.1134

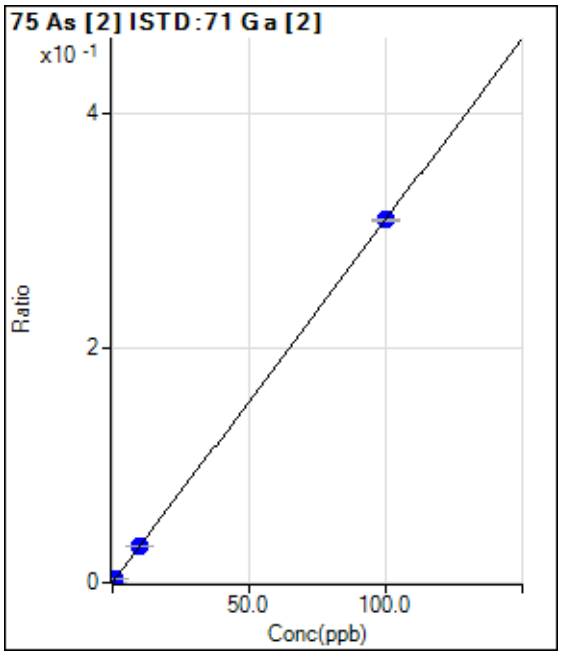
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1723.50	0.0006	P	8.8
2	☐	2.0000	1.7224	6578.26	0.0020	P	3.7
3	☐	20.0000	19.7640	54452.42	0.0170	P	2.1
4	☐	200.0000	200.0264	547357.41	0.1668	P	0.5
5	☑	2000.0000		4867018.99	1.5179	A	1.1
6	☐	400.0000					

y = 8.3106E-004 * x + 5.6268E-004
R = 1.0000
DL = 0.1782
BEC = 0.6771

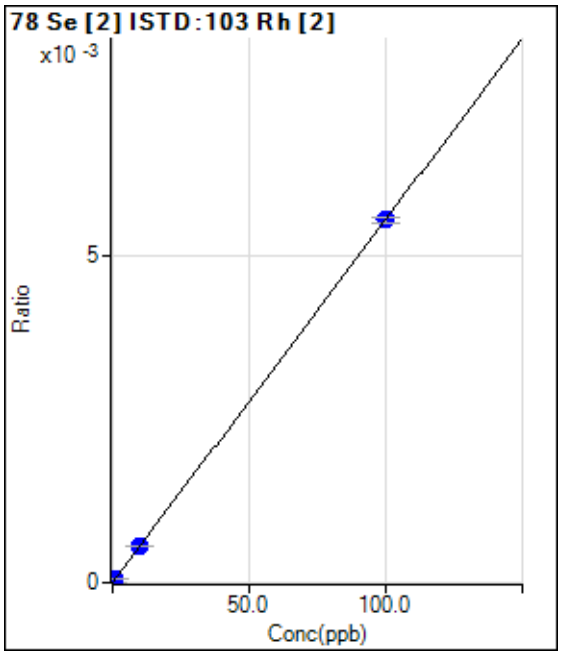
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7.67	0.0000	P	33.7
2	☐	0.1000	0.1044	117.00	0.0003	P	11.7
3	☐	1.0000	1.0474	1086.37	0.0033	P	1.9
4	☐	10.0000	10.0007	10725.88	0.0310	P	3.2
5	☐	100.0000	99.9994	114295.72	0.3099	P	0.5
6	☐	20.0000					

y = 0.0031 * x + 2.4510E-005
R = 1.0000
DL = 0.007991
BEC = 0.007911

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.07	0.0000	P	43.2
2	☐	0.1000	0.0865	16.93	0.0000	P	35.4
3	☐	1.0000	0.9678	173.07	0.0001	P	7.9
4	☐	10.0000	9.9688	1813.84	0.0006	P	2.1
5	☐	100.0000	100.0035	17767.65	0.0055	P	1.8
6	☐	20.0000					

y = 5.5411E-005 * x + 3.4823E-007

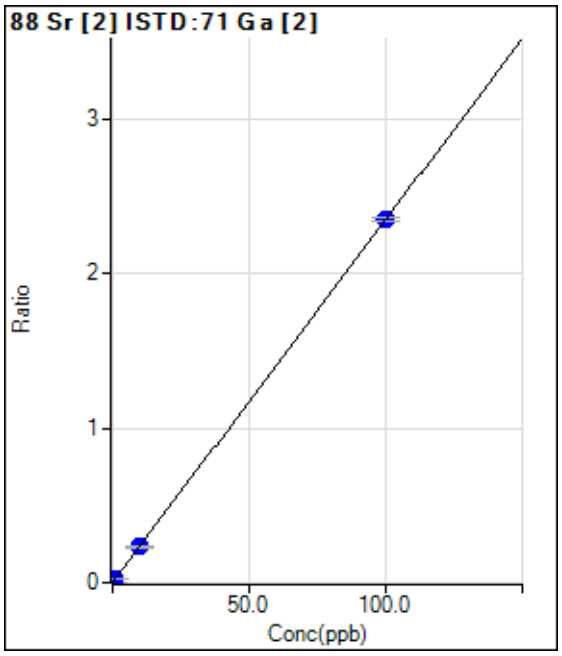
R = 1.0000

DL = 0.00815

BEC = 0.006285

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	183.34	0.0006	P	37.9
2	☐	0.1000	0.0757	793.39	0.0024	P	7.8
3	☐	1.0000	0.9624	7695.53	0.0232	P	4.4
4	☐	10.0000	9.8539	80130.86	0.2317	P	3.1
5	☐	100.0000	100.0150	865299.39	2.3460	P	1.2
6	☐	20.0000					

y = 0.0235 * x + 5.8459E-004

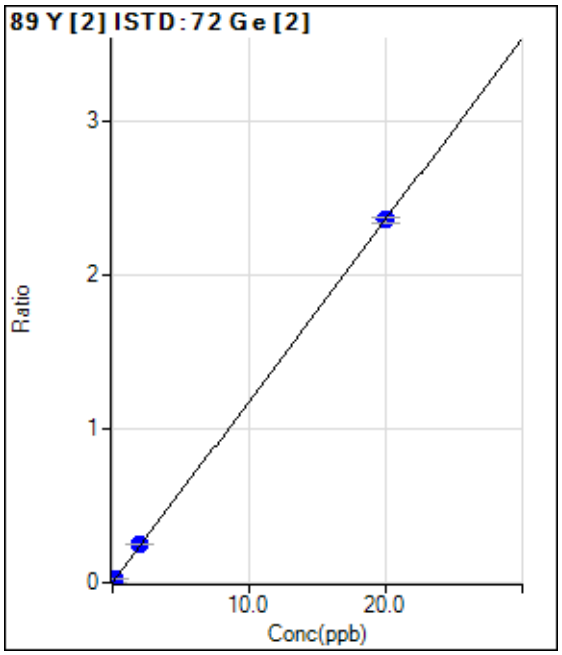
R = 1.0000

DL = 0.02836

BEC = 0.02493

Weight: None

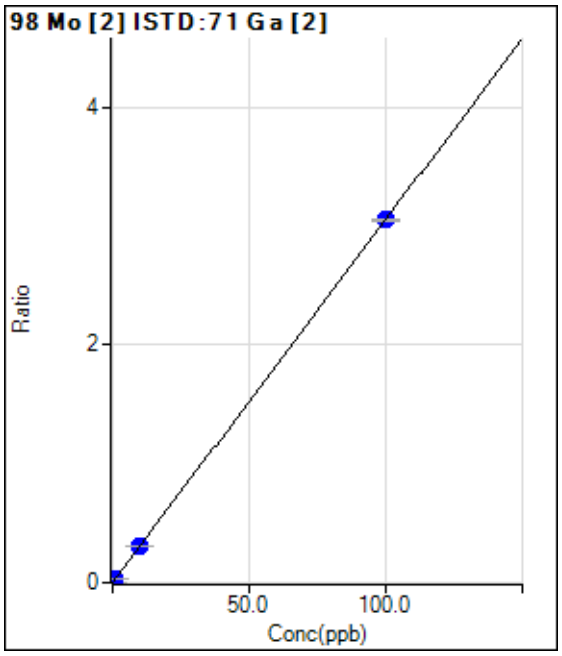
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	46.67	0.0004	P	24.4
2	☐	0.0200	0.0149	283.35	0.0021	P	27.6
3	☐	0.2000	0.2049	3247.15	0.0245	P	5.6
4	☐	2.0000	2.0790	33930.31	0.2455	P	1.4
5	☐	20.0000	19.9921	363536.19	2.3572	P	1.9
6	☐	6.0000					

y = 0.1179 * x + 3.7166E-004
R = 1.0000
DL = 0.00231
BEC = 0.003153

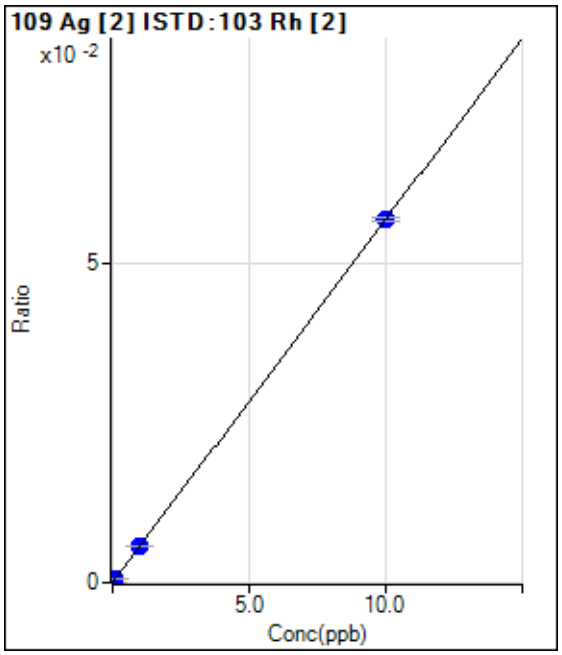
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	40.00	0.0001	P	7.8
2	☐	0.1000	0.0948	1016.72	0.0030	P	9.9
3	☐	1.0000	1.0114	10309.04	0.0310	P	6.0
4	☐	10.0000	10.0631	106344.50	0.3075	P	4.3
5	☐	100.0000	99.9936	1126696.52	3.0544	P	0.6
6	☐	20.0000					

y = 0.0305 * x + 1.2758E-004
R = 1.0000
DL = 0.0009742
BEC = 0.004177

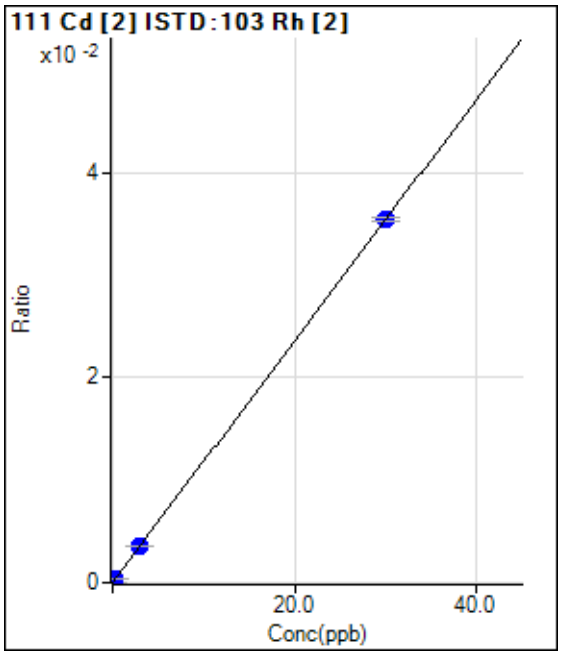
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	36.67	0.0000	P	59.9
2	☐	0.0100	0.0120	264.45	0.0001	P	11.6
3	☐	0.1000	0.1076	1994.60	0.0006	P	5.3
4	☐	1.0000	1.0128	18883.68	0.0058	P	0.3
5	☐	10.0000	9.9986	181801.77	0.0567	P	1.1
6	☐	2.0000					

y = 0.0057 * x + 1.1986E-005
R = 1.0000
DL = 0.003796
BEC = 0.002114

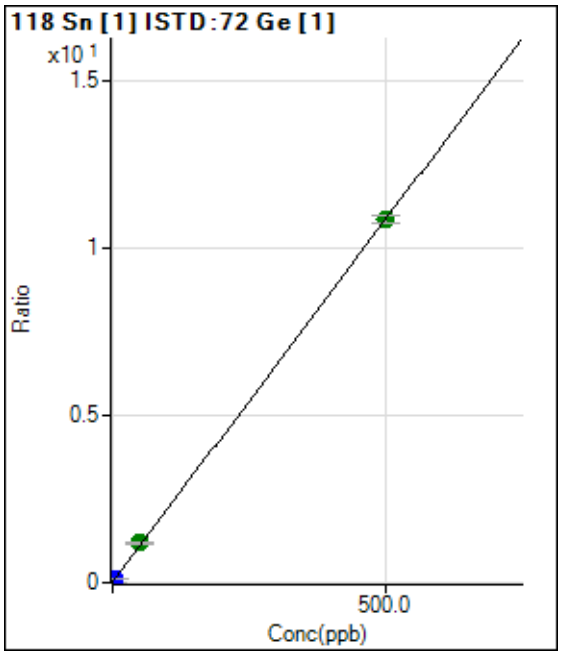
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.67	0.0000	P	10.6
2	☐	0.0300	0.0300	127.90	0.0000	P	25.8
3	☐	0.3000	0.2931	1119.03	0.0003	P	6.8
4	☐	3.0000	3.0248	11717.92	0.0036	P	0.2
5	☐	30.0000	29.9976	113449.70	0.0354	P	1.2
6	☐	6.0000					

y = 0.0012 * x + 3.4825E-006
R = 1.0000
DL = 0.000941
BEC = 0.002953

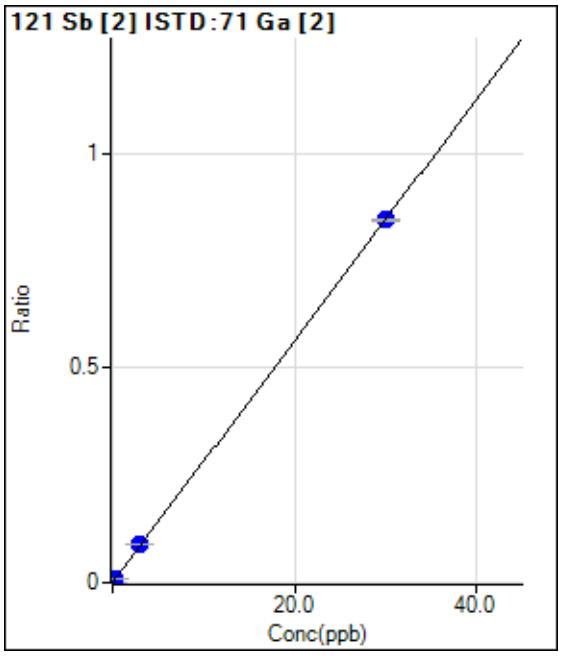
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20754.52	0.0118	P	4.4
2	☐	0.5000	0.3257	35370.96	0.0188	P	1.8
3	☐	5.0000	5.3192	234943.55	0.1270	P	1.1
4	☐	50.0000	54.5734	2272150.28	1.1943	A	3.2
5	☐	500.0000	499.5396	22699033.83	10.8359	A	2.2
6	☐	100.0000					

y = 0.0217 * x + 0.0118
R = 1.0000
DL = 0.07214
BEC = 0.5435

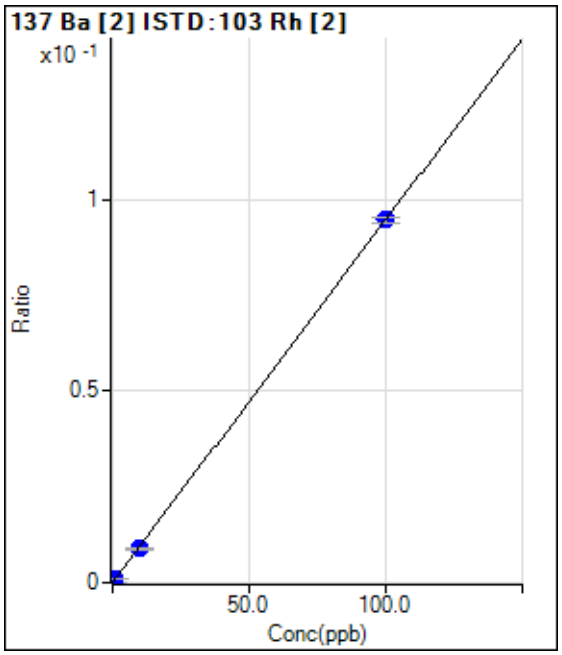
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	15.56	0.0000	P	49.9
2	☐	0.0300	0.0335	334.45	0.0010	P	4.3
3	☐	0.3000	0.3122	2938.10	0.0088	P	4.0
4	☐	3.0000	3.1535	30755.86	0.0889	P	2.7
5	☐	30.0000	29.9845	311677.54	0.8450	P	0.3
6	☐	6.0000					

y = 0.0282 * x + 4.9755E-005
R = 1.0000
DL = 0.002642
BEC = 0.001766

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	56.67	0.0000	P	36.7
2	☐	0.1000	0.1075	396.69	0.0001	P	20.1
3	☐	1.0000	0.9396	2907.08	0.0009	P	10.5
4	☐	10.0000	9.3300	29038.60	0.0088	P	1.7
5	☐	100.0000	100.0676	303709.27	0.0947	P	1.4
6	☐	20.0000					

y = 9.4638E-004 * x + 1.8503E-005

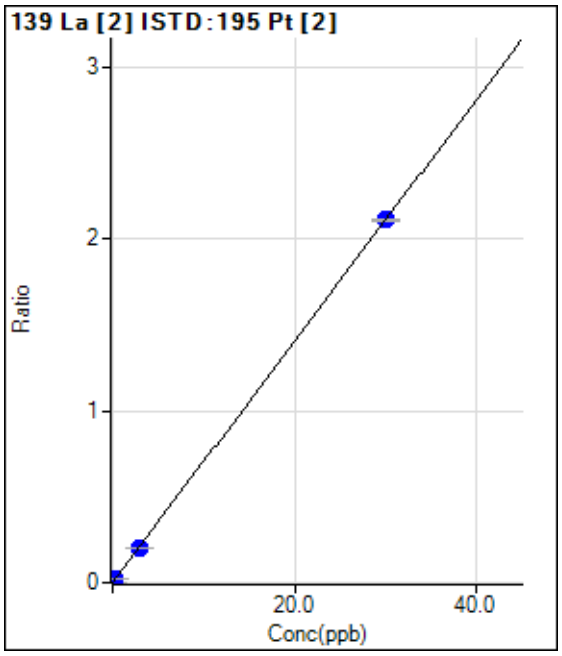
R = 1.0000

DL = 0.02152

BEC = 0.01955

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.33	0.0001	P	95.2
2	☐	0.0300	0.0304	1096.76	0.0022	P	12.5
3	☐	0.3000	0.2799	9723.52	0.0198	P	6.3
4	☐	3.0000	2.8442	100570.73	0.2001	P	2.6
5	☐	30.0000	30.0158	1024960.61	2.1110	P	0.5
6	☐	6.0000					

y = 0.0703 * x + 7.1096E-005

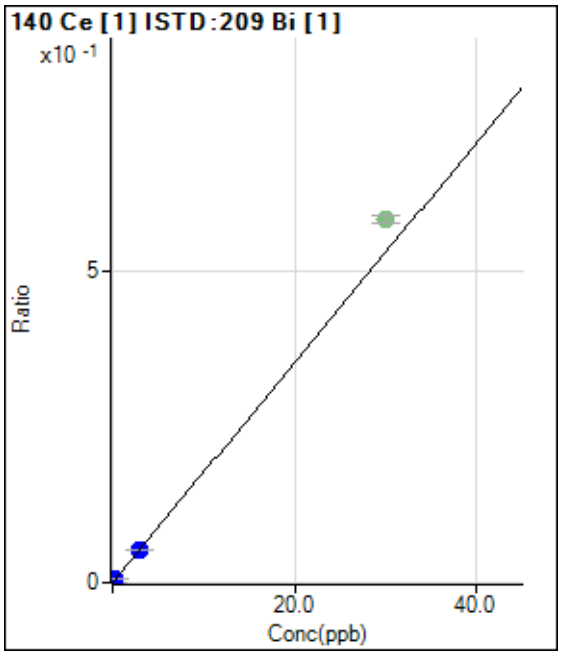
R = 1.0000

DL = 0.002888

BEC = 0.001011

Weight: None

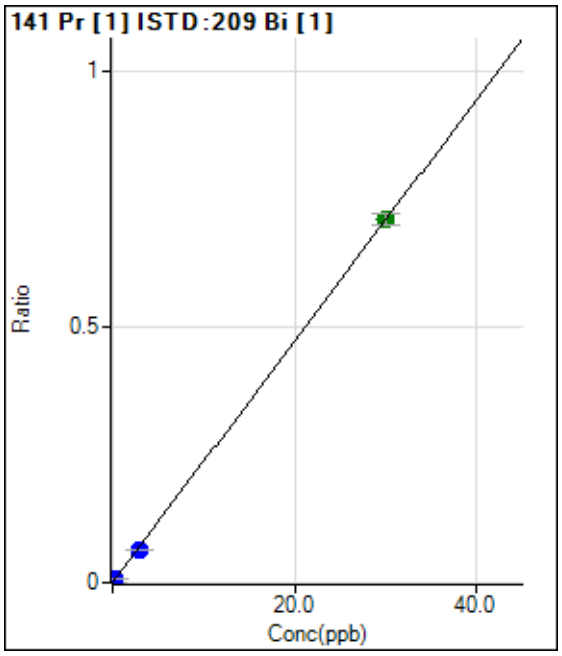
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	473.37	0.0000	P	13.3
2	☐	0.0300	0.0331	6364.94	0.0006	P	6.3
3	☐	0.3000	0.2926	52216.19	0.0052	P	3.5
4	☐	3.0000	3.0007	529795.72	0.0531	P	2.5
5	☑	30.0000		5439709.92	0.5824	A	2.0
6	☐	6.0000					

y = 0.0177 * x + 4.8855E-005
R = 1.0000
DL = 0.0011
BEC = 0.002764

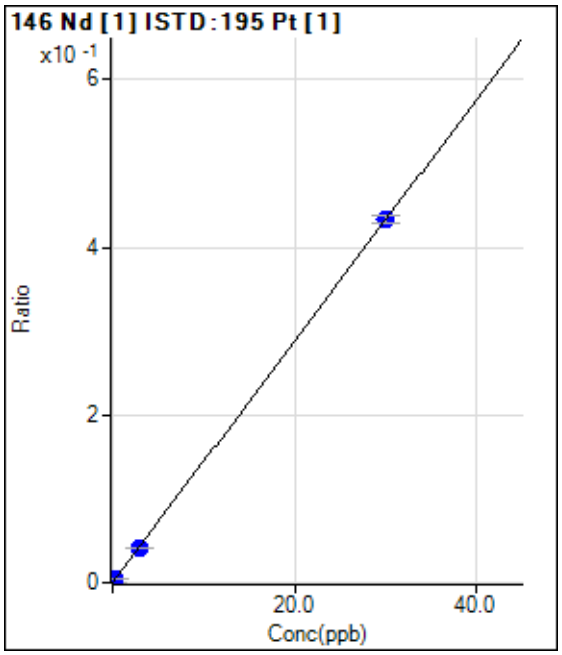
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	56.67	0.0000	P	71.5
2	☐	0.0300	0.0271	6485.00	0.0006	P	7.1
3	☐	0.3000	0.2717	64305.54	0.0064	P	2.5
4	☐	3.0000	2.7465	647853.62	0.0649	P	2.0
5	☐	30.0000	30.0256	6624842.82	0.7094	A	3.0
6	☐	6.0000					

y = 0.0236 * x + 5.8715E-006
R = 1.0000
DL = 0.0005328
BEC = 0.0002485

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0000	P	9.6
2	☐	0.0300	0.0297	1236.78	0.0004	P	9.3
3	☐	0.3000	0.2887	11328.19	0.0042	P	2.2
4	☐	3.0000	2.8406	113376.83	0.0410	P	1.9
5	☐	30.0000	30.0161	1164661.88	0.4326	P	2.2
6	☐	6.0000					

y = 0.0144 * x + 2.0207E-005

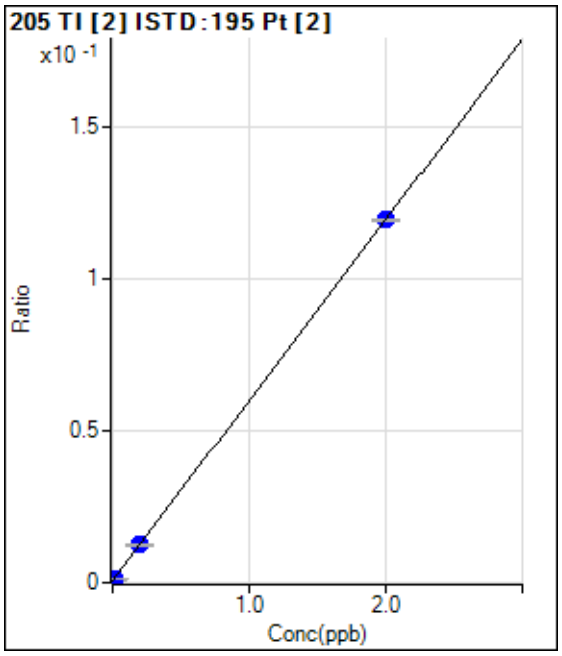
R = 1.0000

DL = 0.0004056

BEC = 0.001402

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	268.57	0.0006	P	9.6
2	☐	0.0020	-0.0023	221.43	0.0004	P	10.3
3	☐	0.0200	0.0148	717.64	0.0015	P	5.2
4	☐	0.2000	0.1999	6264.22	0.0125	P	2.0
5	☐	2.0000	2.0001	58027.64	0.1195	P	0.7
6	☐	0.4000					

y = 0.0595 * x + 5.7826E-004

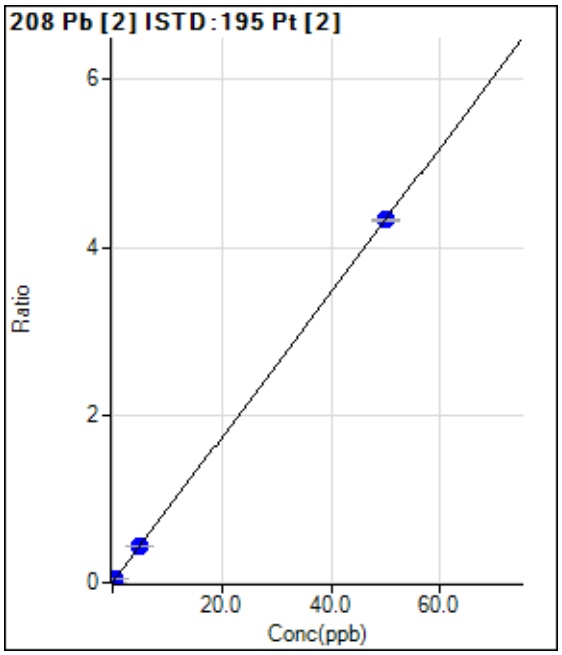
R = 1.0000

DL = 0.002791

BEC = 0.009724

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	866.73	0.0019	P	5.3
2	☐	0.0500	0.0529	3203.65	0.0064	P	3.0
3	☐	0.5000	0.5239	23241.61	0.0472	P	2.7
4	☐	5.0000	5.1002	222743.88	0.4431	P	0.9
5	☐	50.0000	49.9897	2100798.29	4.3270	P	0.8
6	☐	10.0000					

y = 0.0865 * x + 0.0019

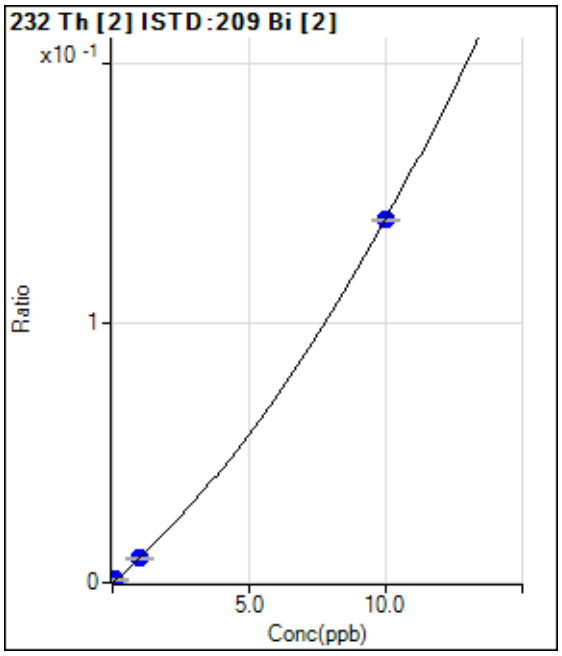
R = 1.0000

DL = 0.003434

BEC = 0.02156

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0084	202.23	0.0001	P	79.8
2	☐	0.0100	0.0168	425.57	0.0002	P	8.1
3	☐	0.1000	0.1280	3229.32	0.0012	P	11.8
4	☐	1.0000	0.9971	26129.91	0.0094	P	7.5
5	☐	10.0000	10.0000	352485.95	0.1396	P	0.5
6	☐	2.0000					

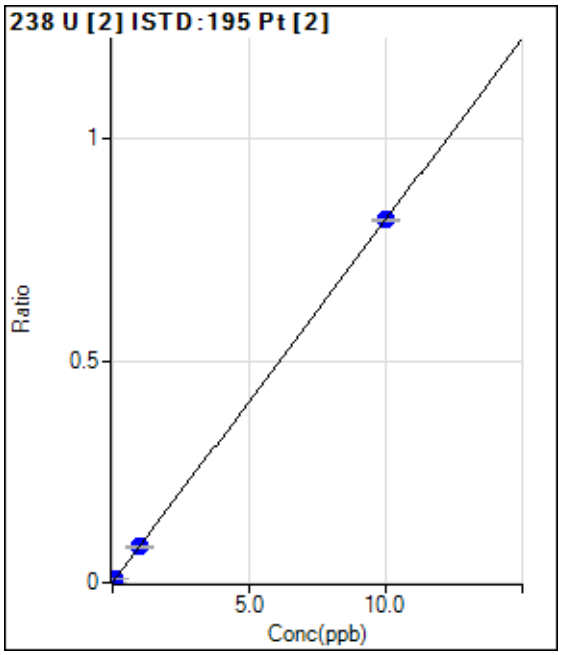
y = 5.0163E-004 * x ^ 2 + 0.0089 * x

DL = 0.02009

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	24.44	0.0001	P	67.9
2	☐	0.0100	0.0095	411.12	0.0008	P	8.4
3	☐	0.1000	0.1001	4051.75	0.0082	P	0.7
4	☐	1.0000	0.9871	40549.90	0.0807	P	3.6
5	☐	10.0000	10.0013	396612.33	0.8169	P	0.3
6	☐	2.0000					

y = 0.0817 * x + 5.2701E-005

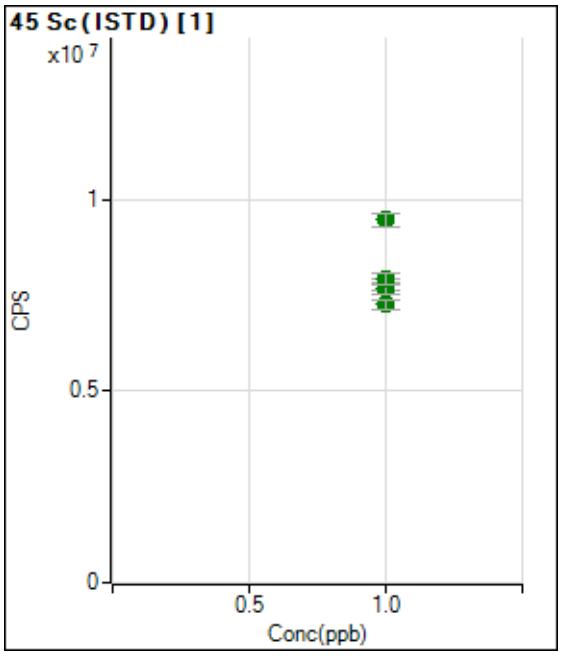
R = 1.0000

DL = 0.001315

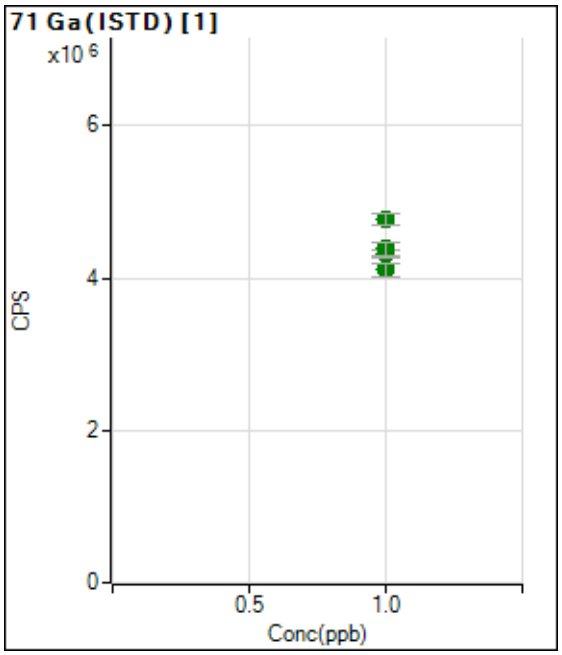
BEC = 0.0006453

Weight: None

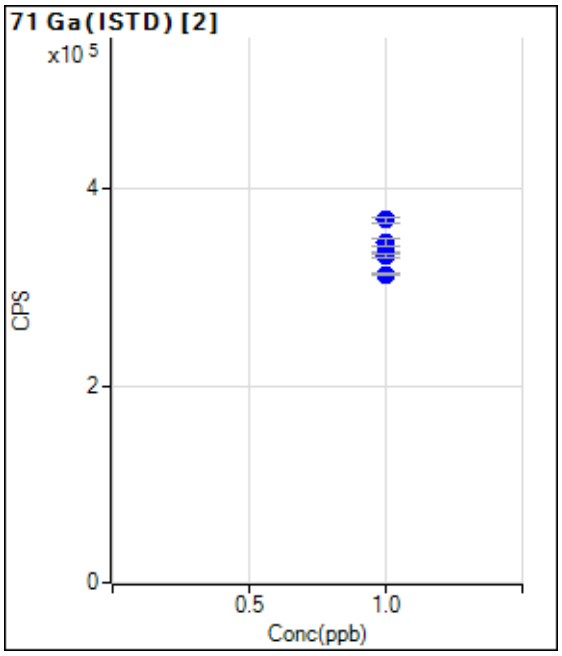
Min Conc: <None>



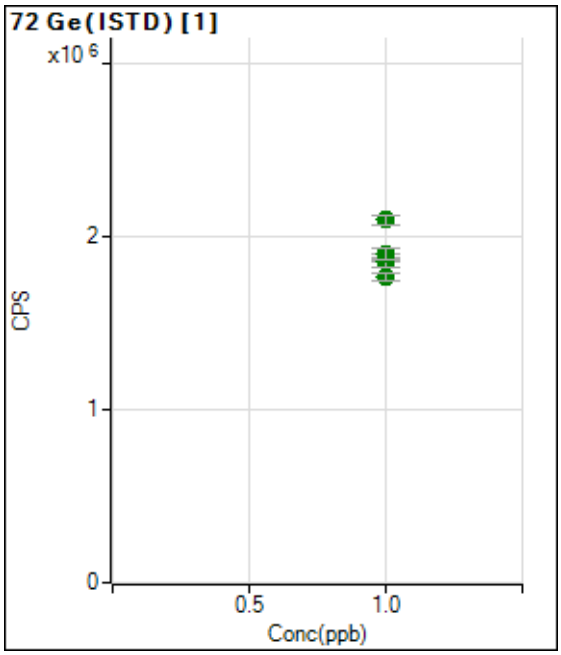
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7273208.02		A	3.4
2	☐	1.0000		7795908.84		A	3.7
3	☐	1.0000		7674599.47		A	3.7
4	☐	1.0000		7938039.26		A	4.0
5	☐	1.0000		9471326.32		A	3.5
6	☐	1.0000					



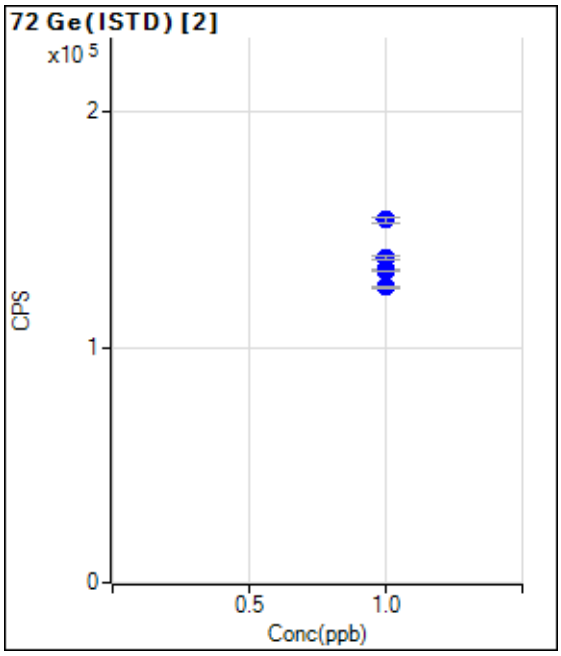
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4104386.61		A	3.9
2	☐	1.0000		4374581.19		A	3.7
3	☐	1.0000		4315933.68		A	2.7
4	☐	1.0000		4389782.75		A	4.0
5	☐	1.0000		4762281.60		A	3.3
6	☐	1.0000					



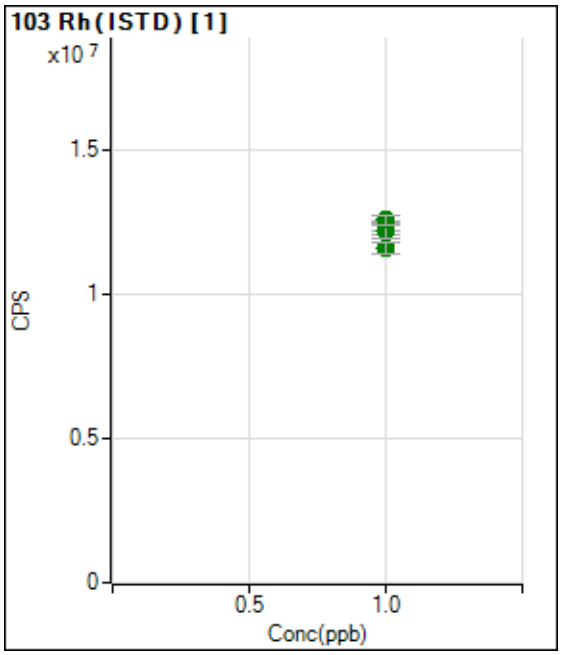
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		313440.35		P	1.0
2	☐	1.0000		336116.81		P	0.7
3	☐	1.0000		332255.16		P	1.4
4	☐	1.0000		346030.70		P	2.0
5	☐	1.0000		368862.03		P	1.4
6	☐	1.0000					



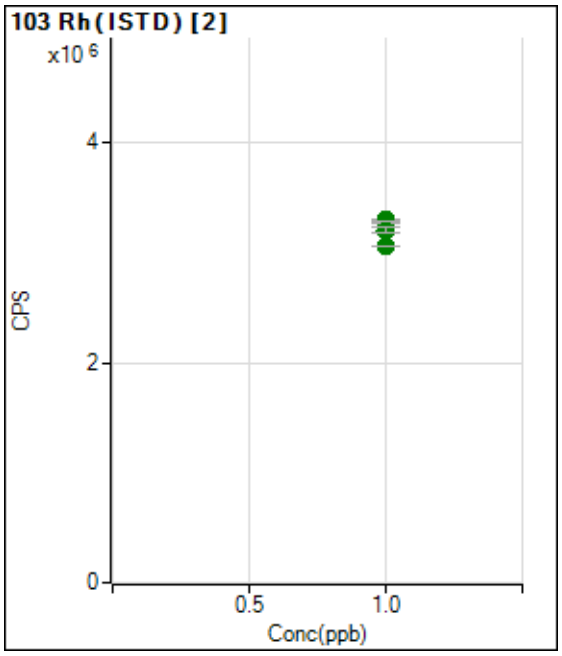
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1763775.75		A	2.8
2	☐	1.0000		1878131.17		A	2.5
3	☐	1.0000		1849762.42		A	2.5
4	☐	1.0000		1903913.51		A	3.4
5	☐	1.0000		2095520.65		A	2.8
6	☐	1.0000					



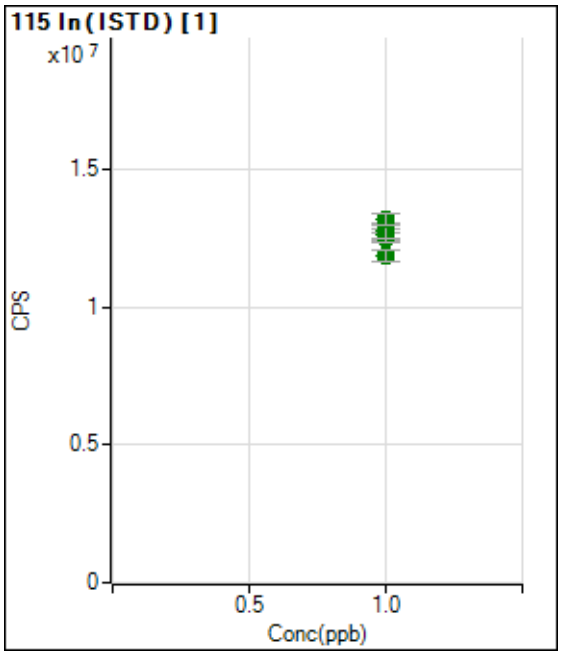
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		125506.38		P	0.5
2	☐	1.0000		133190.64		P	0.6
3	☐	1.0000		132415.28		P	0.4
4	☐	1.0000		138230.47		P	1.0
5	☐	1.0000		154247.18		P	1.8
6	☐	1.0000					



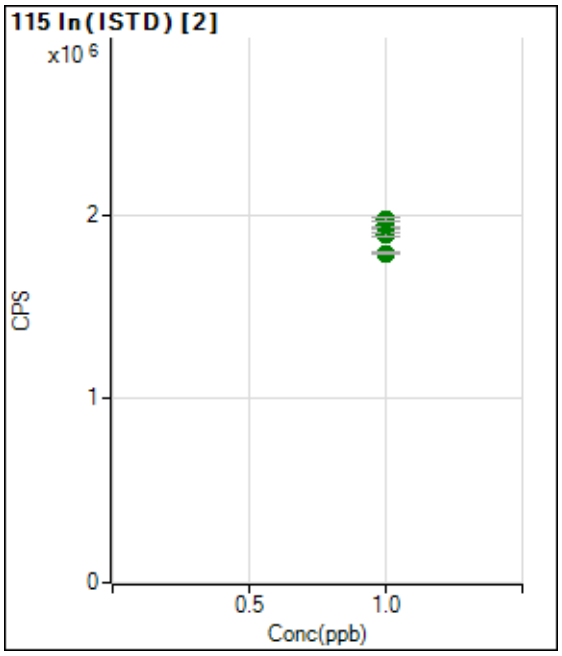
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		11571263.16		A	3.2
2	☐	1.0000		12349458.98		A	2.8
3	☐	1.0000		12207437.32		A	3.0
4	☐	1.0000		12192546.90		A	4.2
5	☐	1.0000		12553208.15		A	2.7
6	☐	1.0000					



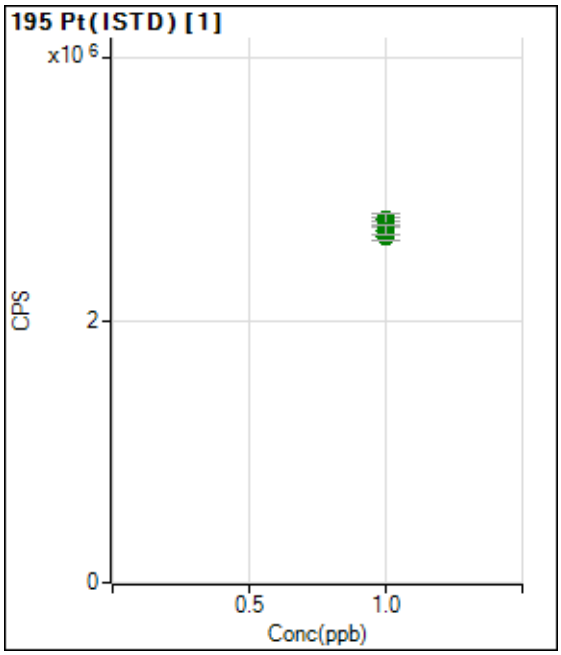
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3062520.37		A	0.3
2	☐	1.0000		3298392.35		A	0.9
3	☐	1.0000		3205451.72		A	1.5
4	☐	1.0000		3281645.47		A	0.6
5	☐	1.0000		3206865.89		A	2.0
6	☐	1.0000					



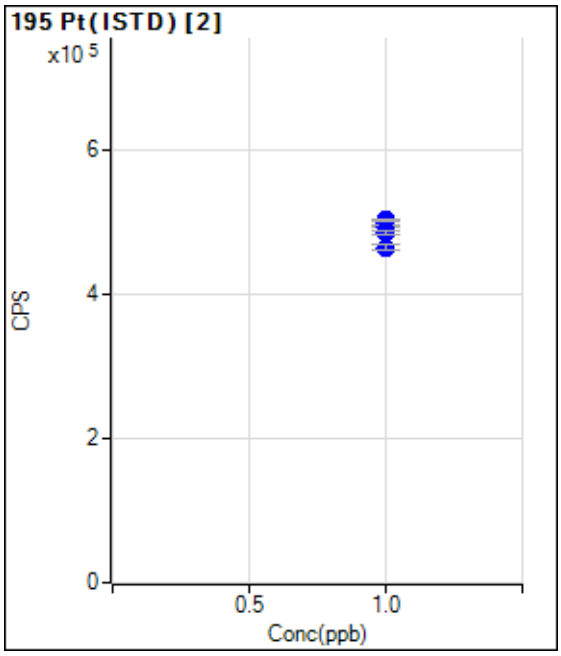
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		11892986.76		A	3.6
2	☐	1.0000		12644568.79		A	3.5
3	☐	1.0000		12530145.60		A	2.9
4	☐	1.0000		12802761.37		A	4.3
5	☐	1.0000		13182350.82		A	3.1
6	☐	1.0000					



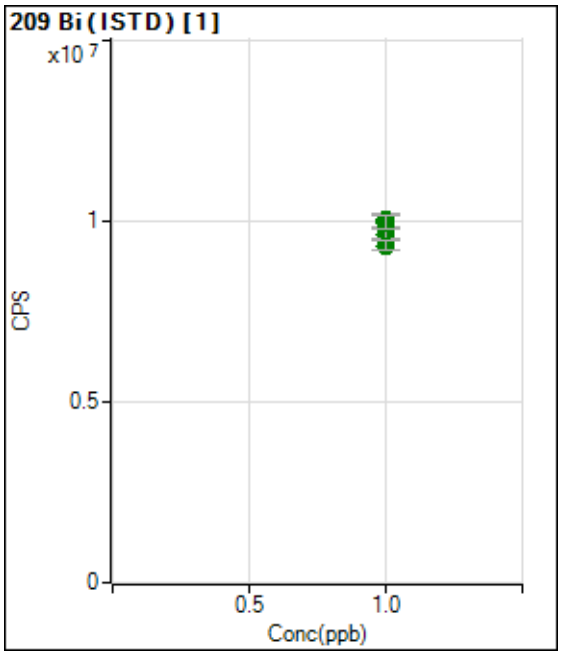
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1790289.76		A	0.5
2	☐	1.0000		1926450.26		A	0.6
3	☐	1.0000		1894315.67		A	0.7
4	☐	1.0000		1950858.96		A	1.7
5	☐	1.0000		1973593.13		A	0.9
6	☐	1.0000					



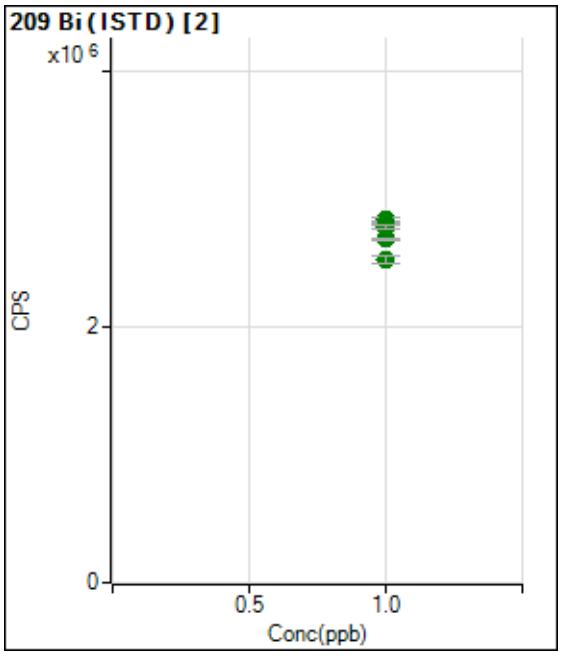
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2637635.22		A	1.7
2	☐	1.0000		2757135.17		A	2.2
3	☐	1.0000		2708898.24		A	3.4
4	☐	1.0000		2769369.85		A	3.6
5	☐	1.0000		2693367.30		A	3.2
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		464851.15		P	1.4
2	☐	1.0000		497518.52		P	2.3
3	☐	1.0000		492348.04		P	1.5
4	☐	1.0000		502653.47		P	0.7
5	☐	1.0000		485523.87		P	0.8
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9666697.56		A	2.6
2	☐	1.0000		10051689.64		A	3.6
3	☐	1.0000		10009640.48		A	2.9
4	☐	1.0000		9986774.23		A	3.4
5	☐	1.0000		9343047.15		A	2.8
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2683678.19		A	0.8
2	☐	1.0000		2832672.56		A	1.1
3	☐	1.0000		2800608.39		A	0.6
4	☐	1.0000		2775450.17		A	1.1
5	☐	1.0000		2525984.60		A	2.2
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 11 Mar 2022 12:10:53 pm
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

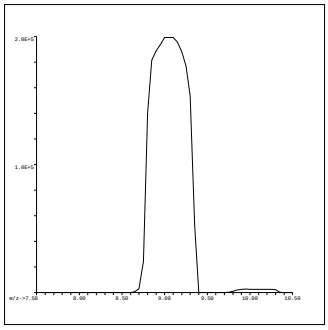
Element	Actual	Required	Flag
9 Be	0.95	5.00	
24 Mg	0.43	5.00	
25 Mg	0.82	5.00	
26 Mg	0.94	5.00	
59 Co	1.07	5.00	
115 In	0.57	5.00	
206 Pb	0.75	5.00	
207 Pb	0.91	5.00	
208 Pb	0.65	5.00	

Ion Ratio

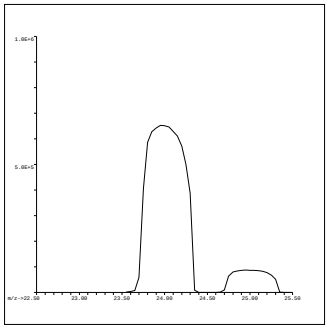
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

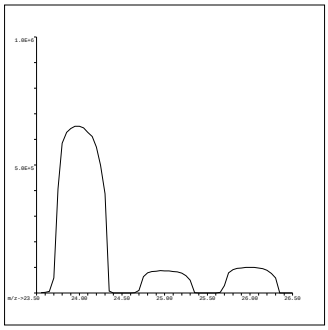
Element	Actual	Required	Flag



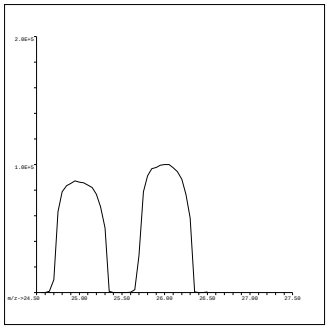
9 Be
Mass Calib.
Actual: 9.05
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



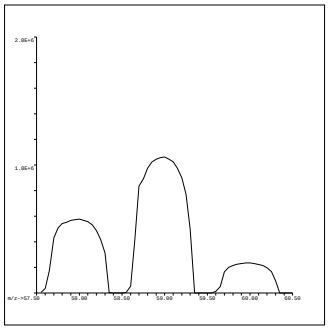
24 Mg
Mass Calib.
Actual: 24.00
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



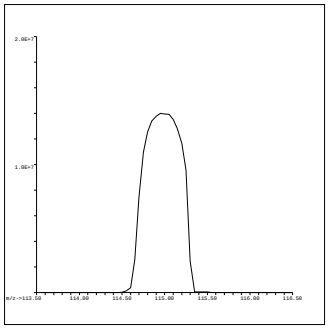
25 Mg
Mass Calib.
Actual: 25.00
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



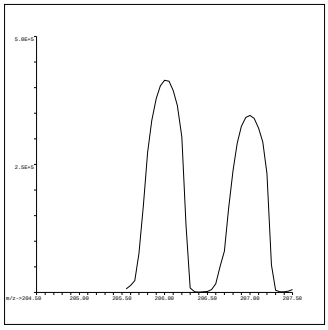
26 Mg
Mass Calib.
Actual: 26.00
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



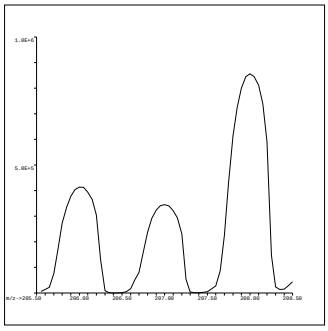
59 Co
Mass Calib.
Actual: 59.00
Required: 58.90-59.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:



115 In
Mass Calib.
Actual: 115.00
Required: 114.90-115.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:

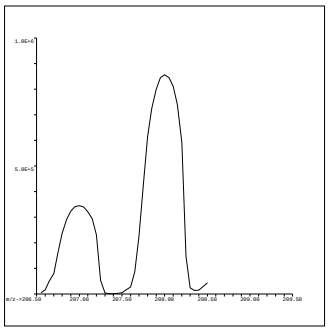


206 Pb
Mass Calib.
Actual: 206.00
Required: 205.90-206.10
Flag:
Peak Width
Actual: 0.55
Required: 0.80
Flag:



207 Pb
Mass Calib.
Actual: 207.00
Required: 206.90-207.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.00
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Run: HG220308-1A1

Analyst: JSD

Standards:

Stock A: 10ppm (ST211115-3)

Stock B: 10ppm (ST211115-4)

Reagents:

HNO_3: RG210726-1; **HCL:** RG220228-2; **SNCL:** RG210602-1; **$KMNO_4$:** RG220303-1; **HYDROXYLAMINE SULFATE:** RG220113-1; **H_2SO_4:** RG190906-5; **$K_2S_2O_8$:** RG211012-2

Pipettes Used:

M-80: 0.1 mL to 1.0 mL

M-81: 0.01 mL to 0.1 mL

M-85: 1.0 mL to 5.0 mL

Method of Dilution:

2X: Dilution made by diluting 2.5 mL of sample to a 5 mL final volume.

5X: Dilution made by diluting 1 mL of sample to a 5 mL final volume.

10x: Dilution made by diluting 0.5 mL of sample to a 5 mL final volume

20x: Dilution made by diluting 0.25 mL of sample to a 5 mL final volume

50x: Dilution made by diluting 0.1 mL of sample to a 5 mL final volume

100X: Dilution made by diluting 0.05 mL of sample to a 5 mL final volume

500X: Dilution made by diluting a 5X dilution 100X mL

1000X: Dilution made by diluting a 10X dilution 100X. Final/Sample

Daily Maintenance:

1. Check/change peristaltic pump tubing.
2. Check gas liquid separator for deposits, clean if necessary.
3. Check/refill rinse water and stannous chloride reservoirs.
4. Record Hg intensity/Hg lamp current.

Daily Maintenance done by: **JSD**

Monthly Maintenance:

1. Clean sample and reference cells.
2. Check/change Nafion drying cartridge.
3. Check/change GLS capillary inlet.

Monthly Maintenance done by: **JSD 2/23/2022**

Report Generated By Teledyne Leeman QuickTrace

Analyst: alfcl.nouser

Worksheet file: C:\Users\Public\Documents\Teledyne CETAC\QuickTrace\Worksheets\HG220308-1.wszf

Creation Date: 3/8/2022 11:28:29 AM

Comment:

Results

Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
Calibration Blank				STD	0.00	438	1.65			1.0000	N/A
Replicates	431.6	446.3	441.4	431.9							
Standard #1 (0.2 ppb)				STD	0.20	4293	0.70	1.89%		1.0000	N/A
Replicates	4260.0	4277.5	4305.1	4328.0							
Standard #2 (0.50 ppb)				STD	0.50	10132	0.33	-1.02%		1.0000	N/A
Replicates	10093.0	10116.5	10155.5	10163.3							
Standard #3 (1 ppb)				STD	1.00	20124	0.34	-0.62%		1.0000	N/A
Replicates	20027.8	20131.6	20150.3	20186.6							
Standard #4 (2 ppb)				STD	2.00	39955	0.33	-0.68%		1.0000	N/A
Replicates	39769.3	39959.7	40018.9	40073.5							
Standard #5 (5 ppb)				STD	5.00	99964	0.26	0.23%		1.0000	N/A
Replicates	99588.2	99976.0	100129.7	100162.7							
Standard #6 (10 ppb)				STD	10.00	197452	0.47	-0.02%		1.0000	N/A
Replicates	196198.0	197349.0	197974.7	198287.7							

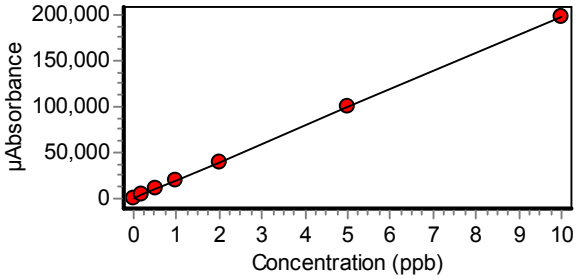
Calibration

Equation: Abs = -35.30533x*x + 20082.670x + 201.786

R2: 0.99999 RSE: 1.35%

SEE: 232.6340

Flags:



ICV				ICV	1.03	20885	0.36			1.0000	103.18
Replicates	20785.8	20875.6	20918.1	20959.5							
ICB				ICB	0.00	124	27.43			1.0000	N/A
Replicates	107.7	104.4	138.4	146.4							
CRA				UNK	0.21	4331	0.61			1.0000	N/A
Replicates	4297.9	4332.6	4332.6	4359.4							
RVS				UNK	0.12	2687	0.49			1.0000	N/A
Replicates	2678.2	2679.9	2685.1	2704.8							
HG220308-1MB				UNK	0.01	377	9.72			1.0000	N/A
Replicates	374.4	371.1	361.2	401.1							
HG220308-1LCS				UNK	1.04	21019	0.28			1.0000	N/A
Replicates	20948.3	20996.4	21057.0	21076.2							

Sample Name					Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
HG220308-1LCSD					UNK	1.04	21070	0.35			1.0000	N/A
	Replicates	20979.1	21054.7	21090.8	21156.0							
2203068-1					UNK	0.51	10413	0.50			1.0000	N/A
	Replicates	10345.1	10403.1	10444.1	10459.1							
2203068-1MS					UNK	2.46	49465	0.33			1.0000	N/A
	Replicates	49239.2	49468.4	49550.5	49600.4							
2203068-2					UNK	0.75	15151	0.32			1.0000	N/A
	Replicates	15081.9	15166.1	15160.1	15194.3							
2203068-3					UNK	0.35	7226	0.44			1.0000	N/A
	Replicates	7191.5	7208.4	7249.4	7253.5							
2203068-4					UNK	0.32	6564	0.45			1.0000	N/A
	Replicates	6527.2	6557.2	6578.4	6593.5							
CCV					CCV	1.98	39829	0.36			1.0000	99.01
	Replicates	39654.1	39782.9	39892.5	39988.0							
CCB					CCB	0.00	191	125.49			1.0000	N/A
	Replicates	207.2	182.3	196.8	178.8							
2203068-5					UNK	0.41	8477	0.42			1.0000	N/A
	Replicates	8441.9	8454.7	8516.5	8496.0							
2203068-6					UNK	0.42	8620	0.69			1.0000	N/A
	Replicates	8539.8	8616.6	8667.1	8657.0							
2203068-7					UNK	0.51	10393	0.67			1.0000	N/A
	Replicates	10303.7	10395.6	10404.4	10469.6							
2203068-8					UNK	0.51	10434	0.55			1.0000	N/A
	Replicates	10364.3	10416.8	10463.0	10492.3							
2203068-9					UNK	0.51	10456	0.55			1.0000	N/A
	Replicates	10384.2	10443.8	10478.6	10517.9							
2203068-10					UNK	0.51	10361	0.25			1.0000	N/A
	Replicates	10338.1	10341.1	10373.9	10390.9							
CCV					CCV	1.98	39859	0.44			1.0000	99.08
	Replicates	39628.6	39835.4	39936.4	40036.9							
CCB					CCB	0.00	299	13.84			1.0000	N/A
	Replicates	301.8	290.4	315.9	285.9							

Miscellaneous

Prep Batch: IP220310-1

Metals Prep Worksheet

Start Date: 3/10/2022 **End Date:** 3/10/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:32 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	IM220310-1RVS	1	100			T1
1	2203068-1	1.011	100			
1	2203068-2	1.013	100			
1	2203068-3	1.004	100			
1	2203068-4	1.003	100			
1	2203068-5	1.002	100			
1	2203068-6	1.005	100			
1	2203068-7	1.012	100			
1	2203068-8	1.006	100			
1	2203068-9	1	100			
1	2203068-10	1.016	100			
1	IM220310-1LCS	1	100			S1
1	IM220310-1LCSD	1	100			S1
1	IP220310-1MB	1	100			

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG211129-2	10	ml	
	RG220228-2	10	ml	
S1	ST210819-1	1	ml	M-18
T1	ST220214-7	1	ml	M-18

ALS -- Fort Collins

LIMS Version: 7.029

Date Printed: Tuesday, March 15, 2022

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 03/15/2022 **Oven ID:** 17 **Validated By:** jpe
Date Analyzed: 03/15/2022 **In Oven:** 3/14/2022 17:00 **Validation Date:** 03/15/2022
Analyst: Chris P. Casillas **Out of Oven:** 3/15/2022 9:00 **Validation Time:** 10:05:14 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220314-10A	EX220314-10	EX220314-10-1	2203068-1	SMP	1.247	10.032	10.22	8.97	10.6	89.4	
EX220314-10A	EX220314-10	EX220314-10-1	2203068-2	DUP	1.245	10.218	10.04	8.79	14.0	86.0	0
EX220314-10A	EX220314-10	EX220314-10-1	2203068-2	SMP	1.243	10.321	10.12	8.88	14.0	86.0	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-3	DUP	1.247	10.304	11.52	10.27	0.3	99.7	36
EX220314-11A	EX220314-11	EX220314-11-1	2203068-3	SMP	1.247	10.122	11.33	10.08	0.4	99.6	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-4	SMP	1.243	10.243	9.882	8.64	15.7	84.3	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-5	SMP	1.246	10.416	11.51	10.26	1.5	98.5	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-6	SMP	1.249	10.361	11.51	10.26	1.0	99.0	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-7	SMP	1.252	10.043	9.95	8.70	13.4	86.6	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-8	SMP	1.239	10.317	10.38	9.14	11.4	88.6	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-9	SMP	1.25	10.025	9.839	8.59	14.3	85.7	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-10	SMP	1.246	10.68	10.29	9.04	15.3	84.7	

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification
LOQV	Limit of Quantitation Verification	MB	Method Blank
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate
REP	Sample replicate	RVS	Reporting Level Verification Standar
SMP	Field Sample	SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate
Wet Wt = Sample Wet Wt - Dish Wt
Dry Wt = Sample Dry Wt + Dish Wt
Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt
All weight values shown above are expressed in grams.

$$RPD = \frac{|\text{Sample Value - Duplicate Value}|}{(\text{Sample Value + Duplicate Value})/2} \times 100$$

$$\%\ \text{Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\%\ \text{Moisture} = \frac{(\text{Wet Weight - Dry Weight})}{\text{Wet Weight}} \times 100$$

TETRA TECH

March 24, 2022

Mr. Ryan Dunham
Site Assessment Manager
U.S. Environmental Protection Agency, Region
8 Superfund and Emergency Management
Division 1595 Wynkoop Street
Denver, CO 80202

Subject: **Data Validation Report**
Bauer Tailings Site Reassessment
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 2083-2112-03
Document Tracking No. 0600d

Dear Mr. Dunham:
Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for ten soil samples (including a field duplicate sample) collected for the Bauer Tailings Site Reassessment project. The samples were collected on February 22, 2022 and were analyzed for metals by ALS-Ft. Collins. The final laboratory data package was received on March 16, 2022.

Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders* and the EPA *NFG for Inorganic Superfund Methods Data Review* (November 2020).

No rejection of results was required for this data package. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please call me at (609)-827-7168

Sincerely,

Maura McAleese

Environmental Chemist

Enclosure
cc: Didi Fung, Tetra Tech Program Manager
Kathleen Knox, Tetra Tech Project Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

Tetra Tech, Inc.
1560 Broadway, Suite 1400, Denver, CO 80202
Tel 303.312.8800
www.tetratech.com

ATTACHMENT

DATA VALIDATION REPORT
ALS LABROATORIES REPORT NO. 2203068

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT

Site Name	Bauer Tailings Site Reassessment	**TO/TD No.**	2083-2112-03
Document Tracking No.	0600d		
Data Reviewer (signature and date)	3/17/2022	**Technical Reviewer (signature and date)**	03/22/2022
Laboratory Report No.	2203068	**Laboratory**	ALS Fort Collins
Analyses	Metals by SW-846 Methods 6020B and 7471B		
Samples and Matrix	Ten soil samples including one field duplicate.		
Collection Date(s)	February 22, 2022		
Field Duplicate Pairs	BT-GS-J15/BT-GS-J15-DUP		
Field QC Blanks	None		

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders, Superfund Technical Assessment and Response Team (START V), EPA Region 8, Revision 4* (May 2021), and the EPA *National Functional Guidelines* (*NFGs) for Inorganic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	The samples were received at 6.9°C. Mercury results were qualified as estimated (flagged J).

Method blanks:

Within Criteria	Exceedance/Notes
N	IP-220310-1MB: The blank result for thallium was negative with an absolute value greater than the MDL but less than the RL (-0.007 mg/kg). All thallium results were greater than ten times the absolute blank value; therefore, no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
NA	

MS/MSDs:

Within Criteria	Exceedance/Notes
Y	Due to insufficient volume, an MSD was not analyzed for mercury. An MS was analyzed and assessed for matrix accuracy. An MS/MSD pair was not analyzed for the ICP-MS analysis. A reason for this was not provided in the case narrative.

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	LCS/LCSDs were analyzed and assessed for precision.

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	All samples were diluted 10-fold for all ICP-MS metals except lead. All samples were diluted 100-fold for lead. Mercury was analyzed undiluted.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	All analytes were detected at concentrations above the MDL by the laboratory. Analytes detected between the MDL and RL were qualified as estimated (J) by the laboratory. RLs and MDLs are provided in the attached analytical data table.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [none]:

Within Criteria	
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-I16	SW6020	ALUMINUM	7900		7.4	17	MG/KG	7900	
BT-GS-I16	SW6020	ANTIMONY	2.6		0.021	0.11	MG/KG	2.6	
BT-GS-I16	SW6020	ARSENIC	470		0.056	0.23	MG/KG	470	
BT-GS-I16	SW6020	BARIUM	130		0.26	0.57	MG/KG	130	
BT-GS-I16	SW6020	BERYLLIUM	0.6		0.0057	0.057	MG/KG	0.6	
BT-GS-I16	SW6020	CADMIUM	9.2		0.025	0.23	MG/KG	9.2	
BT-GS-I16	SW6020	CALCIUM	15000		19	110	MG/KG	15000	
BT-GS-I16	SW6020	CHROMIUM	13		0.63	1.1	MG/KG	13	
BT-GS-I16	SW6020	COBALT	5.6		0.037	0.57	MG/KG	5.6	
BT-GS-I16	SW6020	COPPER	64		0.33	2.3	MG/KG	64	
BT-GS-I16	SW6020	IRON	20000		13	23	MG/KG	20000	
BT-GS-I16	SW6020	LEAD	990		0.75	2.3	MG/KG	990	
BT-GS-I16	SW6020	MAGNESIUM	6800		3.8	11	MG/KG	6800	
BT-GS-I16	SW6020	MANGANESE	1400		0.43	0.86	MG/KG	1400	
BT-GS-I16	SW6020	NICKEL	14		0.5	2.3	MG/KG	14	
BT-GS-I16	SW6020	POTASSIUM	3800		17	110	MG/KG	3800	
BT-GS-I16	SW6020	SELENIUM	1.7		0.23	1.1	MG/KG	1.7	
BT-GS-I16	SW6020	SILVER	5.4		0.0095	0.057	MG/KG	5.4	
BT-GS-I16	SW6020	SODIUM	160		17	110	MG/KG	160	
BT-GS-I16	SW6020	THALLIUM	1.8		0.0029	0.011	MG/KG	1.8	
BT-GS-I16	SW6020	VANADIUM	13		0.15	0.57	MG/KG	13	
BT-GS-I16	SW6020	ZINC	1200		4.7	11	MG/KG	1200	
BT-GS-I16	SW7471	MERCURY	0.095		0.0047	0.037	MG/KG	0.095	J
BT-GS-I18	SW6020	ALUMINUM	6800		6.6	15	MG/KG	6800	
BT-GS-I18	SW6020	ANTIMONY	2.3		0.018	0.1	MG/KG	2.3	
BT-GS-I18	SW6020	ARSENIC	380		0.05	0.2	MG/KG	380	
BT-GS-I18	SW6020	BARIUM	110		0.23	0.51	MG/KG	110	
BT-GS-I18	SW6020	BERYLLIUM	0.49		0.0051	0.051	MG/KG	0.49	
BT-GS-I18	SW6020	CADMIUM	6.8		0.022	0.2	MG/KG	6.8	
BT-GS-I18	SW6020	CALCIUM	15000		17	100	MG/KG	15000	
BT-GS-I18	SW6020	CHROMIUM	11		0.56	1	MG/KG	11	
BT-GS-I18	SW6020	COBALT	4.7		0.032	0.51	MG/KG	4.7	
BT-GS-I18	SW6020	COPPER	49		0.29	2	MG/KG	49	
BT-GS-I18	SW6020	IRON	16000		11	20	MG/KG	16000	
BT-GS-I18	SW6020	LEAD	780		0.67	2	MG/KG	780	
BT-GS-I18	SW6020	MAGNESIUM	6000		3.3	10	MG/KG	6000	
BT-GS-I18	SW6020	MANGANESE	1100		0.38	0.76	MG/KG	1100	
BT-GS-I18	SW6020	NICKEL	11		0.45	2	MG/KG	11	
BT-GS-I18	SW6020	POTASSIUM	3100		15	100	MG/KG	3100	
BT-GS-I18	SW6020	SELENIUM	1.1		0.2	1	MG/KG	1.1	
BT-GS-I18	SW6020	SILVER	3.9		0.0084	0.051	MG/KG	3.9	
BT-GS-I18	SW6020	SODIUM	110		15	100	MG/KG	110	
BT-GS-I18	SW6020	THALLIUM	2		0.0025	0.01	MG/KG	2	
BT-GS-I18	SW6020	VANADIUM	11		0.13	0.51	MG/KG	11	
BT-GS-I18	SW6020	ZINC	870		4.2	10	MG/KG	870	
BT-GS-I18	SW7471	MERCURY	0.067		0.0041	0.033	MG/KG	0.067	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-I20	SW6020	ALUMINUM	3400		7.3	17	MG/KG	3400	
BT-GS-I20	SW6020	ANTIMONY	3.2		0.02	0.11	MG/KG	3.2	
BT-GS-I20	SW6020	ARSENIC	620		0.055	0.22	MG/KG	620	
BT-GS-I20	SW6020	BARIUM	59		0.26	0.56	MG/KG	59	
BT-GS-I20	SW6020	BERYLLIUM	0.28		0.0056	0.056	MG/KG	0.28	
BT-GS-I20	SW6020	CADMIUM	10		0.025	0.22	MG/KG	10	
BT-GS-I20	SW6020	CALCIUM	20000		19	110	MG/KG	20000	
BT-GS-I20	SW6020	CHROMIUM	6.5		0.62	1.1	MG/KG	6.5	
BT-GS-I20	SW6020	COBALT	2.9		0.036	0.56	MG/KG	2.9	
BT-GS-I20	SW6020	COPPER	63		0.33	2.2	MG/KG	63	
BT-GS-I20	SW6020	IRON	16000		12	22	MG/KG	16000	
BT-GS-I20	SW6020	LEAD	1100		0.74	2.2	MG/KG	1100	
BT-GS-I20	SW6020	MAGNESIUM	5100		3.7	11	MG/KG	5100	
BT-GS-I20	SW6020	MANGANESE	1200		0.43	0.84	MG/KG	1200	
BT-GS-I20	SW6020	NICKEL	6.9		0.49	2.2	MG/KG	6.9	
BT-GS-I20	SW6020	POTASSIUM	1300		17	110	MG/KG	1300	
BT-GS-I20	SW6020	SELENIUM	1.1	J	0.22	1.1	MG/KG	1.1	J
BT-GS-I20	SW6020	SILVER	5.6		0.0093	0.056	MG/KG	5.6	
BT-GS-I20	SW6020	SODIUM	61	J	17	110	MG/KG	61	J
BT-GS-I20	SW6020	THALLIUM	2.7		0.0028	0.011	MG/KG	2.7	
BT-GS-I20	SW6020	VANADIUM	7.3		0.15	0.56	MG/KG	7.3	
BT-GS-I20	SW6020	ZINC	1300		4.6	11	MG/KG	1300	
BT-GS-I20	SW7471	MERCURY	0.092		0.0045	0.036	MG/KG	0.092	J
BT-GS-I21	SW6020	ALUMINUM	3400		6.5	15	MG/KG	3400	
BT-GS-I21	SW6020	ANTIMONY	2.4		0.018	0.1	MG/KG	2.4	
BT-GS-I21	SW6020	ARSENIC	470		0.049	0.2	MG/KG	470	
BT-GS-I21	SW6020	BARIUM	63		0.23	0.5	MG/KG	63	
BT-GS-I21	SW6020	BERYLLIUM	0.26		0.005	0.05	MG/KG	0.26	
BT-GS-I21	SW6020	CADMIUM	8.6		0.022	0.2	MG/KG	8.6	
BT-GS-I21	SW6020	CALCIUM	11000		17	100	MG/KG	11000	
BT-GS-I21	SW6020	CHROMIUM	6.5		0.55	1	MG/KG	6.5	
BT-GS-I21	SW6020	COBALT	2.8		0.032	0.5	MG/KG	2.8	
BT-GS-I21	SW6020	COPPER	60		0.29	2	MG/KG	60	
BT-GS-I21	SW6020	IRON	15000		11	20	MG/KG	15000	
BT-GS-I21	SW6020	LEAD	890		0.66	2	MG/KG	890	
BT-GS-I21	SW6020	MAGNESIUM	3700		3.3	10	MG/KG	3700	
BT-GS-I21	SW6020	MANGANESE	1100		0.38	0.75	MG/KG	1100	
BT-GS-I21	SW6020	NICKEL	6.7		0.44	2	MG/KG	6.7	
BT-GS-I21	SW6020	POTASSIUM	1400		15	100	MG/KG	1400	
BT-GS-I21	SW6020	SELENIUM	0.89	J	0.2	1	MG/KG	0.89	J
BT-GS-I21	SW6020	SILVER	4.7		0.0083	0.05	MG/KG	4.7	
BT-GS-I21	SW6020	SODIUM	53	J	15	100	MG/KG	53	J
BT-GS-I21	SW6020	THALLIUM	2.1		0.0025	0.01	MG/KG	2.1	
BT-GS-I21	SW6020	VANADIUM	6.9		0.13	0.5	MG/KG	6.9	
BT-GS-I21	SW6020	ZINC	1000		4.1	10	MG/KG	1000	
BT-GS-I21	SW7471	MERCURY	0.063		0.0038	0.03	MG/KG	0.063	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-J10	SW6020	ALUMINUM	5200		7.2	17	MG/KG	5200	
BT-GS-J10	SW6020	ANTIMONY	4.1		0.02	0.11	MG/KG	4.1	
BT-GS-J10	SW6020	ARSENIC	790		0.054	0.22	MG/KG	790	
BT-GS-J10	SW6020	BARIUM	84		0.25	0.55	MG/KG	84	
BT-GS-J10	SW6020	BERYLLIUM	0.41		0.0055	0.055	MG/KG	0.41	
BT-GS-J10	SW6020	CADMIUM	10		0.024	0.22	MG/KG	10	
BT-GS-J10	SW6020	CALCIUM	20000		19	110	MG/KG	20000	
BT-GS-J10	SW6020	CHROMIUM	9.1		0.61	1.1	MG/KG	9.1	
BT-GS-J10	SW6020	COBALT	4.1		0.035	0.55	MG/KG	4.1	
BT-GS-J10	SW6020	COPPER	92		0.32	2.2	MG/KG	92	
BT-GS-J10	SW6020	IRON	22000		12	22	MG/KG	22000	
BT-GS-J10	SW6020	LEAD	1300		0.73	2.2	MG/KG	1300	
BT-GS-J10	SW6020	MAGNESIUM	4800		3.7	11	MG/KG	4800	
BT-GS-J10	SW6020	MANGANESE	1000		0.42	0.83	MG/KG	1000	
BT-GS-J10	SW6020	NICKEL	11		0.49	2.2	MG/KG	11	
BT-GS-J10	SW6020	POTASSIUM	2300		17	110	MG/KG	2300	
BT-GS-J10	SW6020	SELENIUM	1.3		0.22	1.1	MG/KG	1.3	
BT-GS-J10	SW6020	SILVER	6.2		0.0092	0.055	MG/KG	6.2	
BT-GS-J10	SW6020	SODIUM	110	J	17	110	MG/KG	110	J
BT-GS-J10	SW6020	THALLIUM	2		0.0028	0.011	MG/KG	2	
BT-GS-J10	SW6020	VANADIUM	9.6		0.14	0.55	MG/KG	9.6	
BT-GS-J10	SW6020	ZINC	1400		4.5	11	MG/KG	1400	
BT-GS-J10	SW7471	MERCURY	0.083		0.0041	0.033	MG/KG	0.083	J
BT-GS-J11	SW6020	ALUMINUM	4900		7.5	17	MG/KG	4900	
BT-GS-J11	SW6020	ANTIMONY	4.3		0.021	0.11	MG/KG	4.3	
BT-GS-J11	SW6020	ARSENIC	870		0.056	0.23	MG/KG	870	
BT-GS-J11	SW6020	BARIUM	76		0.26	0.57	MG/KG	76	
BT-GS-J11	SW6020	BERYLLIUM	0.4		0.0057	0.057	MG/KG	0.4	
BT-GS-J11	SW6020	CADMIUM	11		0.025	0.23	MG/KG	11	
BT-GS-J11	SW6020	CALCIUM	18000		20	110	MG/KG	18000	
BT-GS-J11	SW6020	CHROMIUM	9.1		0.63	1.1	MG/KG	9.1	
BT-GS-J11	SW6020	COBALT	4		0.037	0.57	MG/KG	4	
BT-GS-J11	SW6020	COPPER	87		0.33	2.3	MG/KG	87	
BT-GS-J11	SW6020	IRON	26000		13	23	MG/KG	26000	
BT-GS-J11	SW6020	LEAD	1600		0.76	2.3	MG/KG	1600	
BT-GS-J11	SW6020	MAGNESIUM	4800		3.8	11	MG/KG	4800	
BT-GS-J11	SW6020	MANGANESE	1200		0.44	0.86	MG/KG	1200	
BT-GS-J11	SW6020	NICKEL	10		0.5	2.3	MG/KG	10	
BT-GS-J11	SW6020	POTASSIUM	2300		17	110	MG/KG	2300	
BT-GS-J11	SW6020	SELENIUM	1.4		0.23	1.1	MG/KG	1.4	
BT-GS-J11	SW6020	SILVER	7.5		0.0095	0.057	MG/KG	7.5	
BT-GS-J11	SW6020	SODIUM	97	J	17	110	MG/KG	97	J
BT-GS-J11	SW6020	THALLIUM	2.8		0.0029	0.011	MG/KG	2.8	
BT-GS-J11	SW6020	VANADIUM	9.5		0.15	0.57	MG/KG	9.5	
BT-GS-J11	SW6020	ZINC	1500		4.7	11	MG/KG	1500	
BT-GS-J11	SW7471	MERCURY	0.14		0.0046	0.036	MG/KG	0.14	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-J15	SW6020	ALUMINUM	4600		7.6	18	MG/KG	4600	
BT-GS-J15	SW6020	ANTIMONY	2.7		0.021	0.12	MG/KG	2.7	
BT-GS-J15	SW6020	ARSENIC	660		0.057	0.23	MG/KG	660	
BT-GS-J15	SW6020	BARIUM	97		0.27	0.58	MG/KG	97	
BT-GS-J15	SW6020	BERYLLIUM	0.36		0.0058	0.058	MG/KG	0.36	
BT-GS-J15	SW6020	CADMIUM	11		0.026	0.23	MG/KG	11	
BT-GS-J15	SW6020	CALCIUM	8000		20	120	MG/KG	8000	
BT-GS-J15	SW6020	CHROMIUM	8		0.64	1.2	MG/KG	8	
BT-GS-J15	SW6020	COBALT	3.3		0.037	0.58	MG/KG	3.3	
BT-GS-J15	SW6020	COPPER	61		0.34	2.3	MG/KG	61	
BT-GS-J15	SW6020	IRON	18000		13	23	MG/KG	18000	
BT-GS-J15	SW6020	LEAD	1200		0.77	2.3	MG/KG	1200	
BT-GS-J15	SW6020	MAGNESIUM	3800		3.9	12	MG/KG	3800	
BT-GS-J15	SW6020	MANGANESE	1400		0.44	0.88	MG/KG	1400	
BT-GS-J15	SW6020	NICKEL	8.5		0.51	2.3	MG/KG	8.5	
BT-GS-J15	SW6020	POTASSIUM	2400		18	120	MG/KG	2400	
BT-GS-J15	SW6020	SELENIUM	1.5		0.23	1.2	MG/KG	1.5	
BT-GS-J15	SW6020	SILVER	5.7		0.0097	0.058	MG/KG	5.7	
BT-GS-J15	SW6020	SODIUM	510		18	120	MG/KG	510	
BT-GS-J15	SW6020	THALLIUM	1.9		0.0029	0.012	MG/KG	1.9	
BT-GS-J15	SW6020	VANADIUM	8.8		0.15	0.58	MG/KG	8.8	
BT-GS-J15	SW6020	ZINC	1400		4.8	12	MG/KG	1400	
BT-GS-J15	SW7471	MERCURY	0.098		0.0048	0.038	MG/KG	0.098	J
BT-GS-J15-DUP	SW6020	ALUMINUM	4800		7.6	17	MG/KG	4800	
BT-GS-J15-DUP	SW6020	ANTIMONY	2.4		0.021	0.12	MG/KG	2.4	
BT-GS-J15-DUP	SW6020	ARSENIC	600		0.057	0.23	MG/KG	600	
BT-GS-J15-DUP	SW6020	BARIUM	110		0.27	0.58	MG/KG	110	
BT-GS-J15-DUP	SW6020	BERYLLIUM	0.4		0.0058	0.058	MG/KG	0.4	
BT-GS-J15-DUP	SW6020	CADMIUM	9.7		0.026	0.23	MG/KG	9.7	
BT-GS-J15-DUP	SW6020	CALCIUM	8800		20	120	MG/KG	8800	
BT-GS-J15-DUP	SW6020	CHROMIUM	8.7		0.64	1.2	MG/KG	8.7	
BT-GS-J15-DUP	SW6020	COBALT	3.5		0.037	0.58	MG/KG	3.5	
BT-GS-J15-DUP	SW6020	COPPER	60		0.34	2.3	MG/KG	60	
BT-GS-J15-DUP	SW6020	IRON	18000		13	23	MG/KG	18000	
BT-GS-J15-DUP	SW6020	LEAD	1100		0.77	2.3	MG/KG	1100	
BT-GS-J15-DUP	SW6020	MAGNESIUM	4100		3.8	12	MG/KG	4100	
BT-GS-J15-DUP	SW6020	MANGANESE	1300		0.44	0.87	MG/KG	1300	
BT-GS-J15-DUP	SW6020	NICKEL	9.3		0.51	2.3	MG/KG	9.3	
BT-GS-J15-DUP	SW6020	POTASSIUM	2700		17	120	MG/KG	2700	
BT-GS-J15-DUP	SW6020	SELENIUM	1.5		0.23	1.2	MG/KG	1.5	
BT-GS-J15-DUP	SW6020	SILVER	5.3		0.0096	0.058	MG/KG	5.3	
BT-GS-J15-DUP	SW6020	SODIUM	470		17	120	MG/KG	470	
BT-GS-J15-DUP	SW6020	THALLIUM	2.1		0.0029	0.012	MG/KG	2.1	
BT-GS-J15-DUP	SW6020	VANADIUM	9.1		0.15	0.58	MG/KG	9.1	
BT-GS-J15-DUP	SW6020	ZINC	1300		4.8	12	MG/KG	1300	
BT-GS-J15-DUP	SW7471	MERCURY	0.097		0.0048	0.038	MG/KG	0.097	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-K12	SW6020	ALUMINUM	4900		6.5	15	MG/KG	4900	
BT-GS-K12	SW6020	ANTIMONY	1.3		0.018	0.1	MG/KG	1.3	
BT-GS-K12	SW6020	ARSENIC	320		0.049	0.2	MG/KG	320	
BT-GS-K12	SW6020	BARIUM	150		0.23	0.5	MG/KG	150	
BT-GS-K12	SW6020	BERYLLIUM	0.4		0.005	0.05	MG/KG	0.4	
BT-GS-K12	SW6020	CADMIUM	4.5		0.022	0.2	MG/KG	4.5	
BT-GS-K12	SW6020	CALCIUM	34000		17	100	MG/KG	34000	
BT-GS-K12	SW6020	CHROMIUM	8.1		0.55	1	MG/KG	8.1	
BT-GS-K12	SW6020	COBALT	3.4		0.032	0.5	MG/KG	3.4	
BT-GS-K12	SW6020	COPPER	39		0.29	2	MG/KG	39	
BT-GS-K12	SW6020	IRON	12000		11	20	MG/KG	12000	
BT-GS-K12	SW6020	LEAD	630		0.66	2	MG/KG	630	
BT-GS-K12	SW6020	MAGNESIUM	4500		3.3	10	MG/KG	4500	
BT-GS-K12	SW6020	MANGANESE	630		0.38	0.75	MG/KG	630	
BT-GS-K12	SW6020	NICKEL	9.5		0.44	2	MG/KG	9.5	
BT-GS-K12	SW6020	POTASSIUM	2000		15	100	MG/KG	2000	
BT-GS-K12	SW6020	SELENIUM	1.2		0.2	1	MG/KG	1.2	
BT-GS-K12	SW6020	SILVER	2.7		0.0083	0.05	MG/KG	2.7	
BT-GS-K12	SW6020	SODIUM	480		15	100	MG/KG	480	
BT-GS-K12	SW6020	THALLIUM	0.54		0.0025	0.01	MG/KG	0.54	
BT-GS-K12	SW6020	VANADIUM	8.9		0.13	0.5	MG/KG	8.9	
BT-GS-K12	SW6020	ZINC	670		4.1	10	MG/KG	670	
BT-GS-K12	SW7471	MERCURY	0.053		0.0038	0.03	MG/KG	0.053	J
BT-GS-K14	SW6020	ALUMINUM	5200		7.7	18	MG/KG	5200	
BT-GS-K14	SW6020	ANTIMONY	2.2		0.021	0.12	MG/KG	2.2	
BT-GS-K14	SW6020	ARSENIC	400		0.058	0.24	MG/KG	400	
BT-GS-K14	SW6020	BARIUM	100		0.27	0.59	MG/KG	100	
BT-GS-K14	SW6020	BERYLLIUM	0.4		0.0059	0.059	MG/KG	0.4	
BT-GS-K14	SW6020	CADMIUM	6.1		0.026	0.24	MG/KG	6.1	
BT-GS-K14	SW6020	CALCIUM	33000		20	120	MG/KG	33000	
BT-GS-K14	SW6020	CHROMIUM	8.3		0.65	1.2	MG/KG	8.3	
BT-GS-K14	SW6020	COBALT	3.5		0.038	0.59	MG/KG	3.5	
BT-GS-K14	SW6020	COPPER	44		0.34	2.4	MG/KG	44	
BT-GS-K14	SW6020	IRON	15000		13	24	MG/KG	15000	
BT-GS-K14	SW6020	LEAD	760		0.78	2.4	MG/KG	760	
BT-GS-K14	SW6020	MAGNESIUM	4400		3.9	12	MG/KG	4400	
BT-GS-K14	SW6020	MANGANESE	770		0.45	0.89	MG/KG	770	
BT-GS-K14	SW6020	NICKEL	9.6		0.52	2.4	MG/KG	9.6	
BT-GS-K14	SW6020	POTASSIUM	2300		18	120	MG/KG	2300	
BT-GS-K14	SW6020	SELENIUM	1.1	J	0.24	1.2	MG/KG	1.1	J
BT-GS-K14	SW6020	SILVER	3.3		0.0098	0.059	MG/KG	3.3	
BT-GS-K14	SW6020	SODIUM	270		18	120	MG/KG	270	
BT-GS-K14	SW6020	THALLIUM	1.2		0.003	0.012	MG/KG	1.2	
BT-GS-K14	SW6020	VANADIUM	9.7		0.15	0.59	MG/KG	9.7	
BT-GS-K14	SW6020	ZINC	830		4.8	12	MG/KG	830	
BT-GS-K14	SW7471	MERCURY	0.059		0.0047	0.037	MG/KG	0.059	J

Tuesday, March 15, 2022

Madison Ericson
Tetra Tech
1560 Broadway
Denver, CO 80202

Re: ALS Workorder: 2202436
Project Name: Bauer Tailings Site Assessment
Project Number: 103X903520F0083211203

Dear Ms. Ericson:

Thirty three soil samples were received from Tetra Tech, on 2/24/2022. The samples were scheduled for the following analysis:

GC/MS Semivolatiles	pages 1-420

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
Arizona	AZ0828
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
Oklahoma	1301
PJLA (DoD ELAP/ISO 170250)	95377
PJLA (DOE-AP/ISO 17025)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280
Virginia	460305

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-02-01	2202436-1		SOIL	22-Feb-22	9:11
BT-P2-AOI-03-01	2202436-2		SOIL	22-Feb-22	9:02
BT-P2-AOI-03-02	2202436-3		SOIL	22-Feb-22	9:09
BT-P2-AOI-03-03	2202436-4		SOIL	22-Feb-22	9:16
BT-P2-AOI-03-04	2202436-5		SOIL	22-Feb-22	9:22
BT-P2-AOI-03-05	2202436-6		SOIL	22-Feb-22	9:32
BT-P2-AOI-03-06	2202436-7		SOIL	22-Feb-22	9:50
BT-P2-AOI-03-07	2202436-8		SOIL	22-Feb-22	9:37
BT-P2-AOI-09-08	2202436-9		SOIL	22-Feb-22	10:42
BT-P2-AOI-09-07	2202436-10		SOIL	22-Feb-22	11:39
BT-P2-AOI-09-09	2202436-11		SOIL	22-Feb-22	11:28
BT-P2-AOI-09-02	2202436-12		SOIL	22-Feb-22	11:48
BT-P2-AOI-09-01	2202436-13		SOIL	22-Feb-22	11:56
BT-PS-AOI-09-10	2202436-14		SOIL	22-Feb-22	10:58
BT-P2-AOI-09-04	2202436-15		SOIL	22-Feb-22	11:22
BT-P2-AOI-09-03	2202436-16		SOIL	22-Feb-22	11:13
BT-P2-AOI-09-06	2202436-17		SOIL	22-Feb-22	10:49
BT-P2-AOI-09-05	2202436-18		SOIL	22-Feb-22	11:05
BT-P2-AOI-08-02	2202436-19		SOIL	22-Feb-22	10:56
BT-P2-AOI-08-01	2202436-20		SOIL	22-Feb-22	10:50
BT-P2-AOI-07-02	2202436-21		SOIL	22-Feb-22	10:28
BT-P2-AOI-05-01	2202436-22		SOIL	22-Feb-22	10:16
BT-P2-AOI-04-01	2202436-23		SOIL	22-Feb-22	8:50
BT-P2-AOI-06-01	2202436-24		SOIL	22-Feb-22	9:55
BT-P2-AOI-06-03	2202436-25		SOIL	22-Feb-22	10:05
BT-P2-AOI-06-04	2202436-26		SOIL	22-Feb-22	9:42
BT-P2-AOI-06-05	2202436-27		SOIL	22-Feb-22	9:35
BT-P2-AOI-06-06	2202436-28		SOIL	22-Feb-22	9:27
BT-P2-AOI-07-01	2202436-29		SOIL	22-Feb-22	10:24
BT-P2-AOI-06-02	2202436-30		SOIL	22-Feb-22	9:49

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-04-01-DUP	2202436-31		SOIL	22-Feb-22	8:53
BT-P2-AOI-03-04-DUP	2202436-32		SOIL	22-Feb-22	9:26
BT-P2-AOI-09-06-DUP	2202436-33		SOIL	22-Feb-22	10:52

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	1 of 3
SITE ID				DISPOSAL	BY LAB or RETURN
EDD FORMAT	START R8			PARAMETER/METHOD REQUEST FOR ANALYSIS	
PURCHASE ORDER				A	SVOC SW-846 (8270E)
BILL TO COMPANY	Tetra Tech			B	
INVOICE ATTN TO	Madison Ericson			C	
ADDRESS	1560 Broadway, Suite 1400			D	
CITY / STATE / ZIP	Denver, CO 80202			E	
PHONE				F	
FAX				G	
E-MAIL	madison.ericson@tetratech.com			H	
				I	
				J	

PROJECT NAME	Bauer Tailings Site Assessment
PROJECT No.	103X9035[redacted]20F0083211203
E-MAIL	
COMPANY NAME	Tetra Tech
SEND REPORT TO	Madison Ericson
ADDRESS	1560 Broadway, Suite 1400
CITY / STATE / ZIP	Denver, CO 80202
PHONE	804-357-6775
FAX	
E-MAIL	madison.ericson@tetratech.com

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
1	BT-P2-AOI-02-01	SOIL	2/22/22	0919	3	NA	X	X										MS/MSD
2	BT-P2-AOI-03-01	SOIL	2/22/22	0902	1	NA		X										
3	BT-P2-AOI-03-02	SOIL	2/22/22	0909	1	NA		X										
4	BT-P2-AOI-03-03	SOIL	2/22/22	0916	1	NA		X										
5	BT-P2-AOI-03-04	SOIL	2/22/22	0922	1	NA		X										
6	BT-P2-AOI-03-05	SOIL	2/22/22	0932	1	NA		X										
7	BT-P2-AOI-03-06	SOIL	2/22/22	0950	1	NA		X										
8	BT-P2-AOI-03-07	SOIL	2/22/22	0937	1	NA		X										
9	BT-P2-AOI-09-08	SOIL	2/22/22	1042	1	NA		X										
10	BT-P2-AOI-09-07	SOIL	2/22/22	1139	3	NA	X	X										MS/MSD
11	BT-P2-AOI-09-09	SOIL	2/22/22	1128	1	NA		X										
12	BT-P2-AOI-09-02	SOIL	2/22/22	1148	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES	REPORT LEVEL / QC REQUIRED	
		Summary (Standard QC)
	X	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[illegible]	2/23/22	835
RELINQUISHED BY	[signature]	[illegible]	2/23/22	[illegible]
RECEIVED BY	Claire Thennes	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER #	
#	2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	2 of 3
SITE ID				DISPOSAL	BY LAB or RETURN

PROJECT NAME	Bauer Tailings Site Assessment	EDD FORMAT	START R8	PARAMETER/METHOD REQUEST FOR ANALYSIS	
PROJECT No.	103X9035[redacted] 20F0083211203	PURCHASE ORDER		A	SVOC SW-846 (8270E)
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech	B	
SEND REPORT TO	Madison Ericson	INVOICE ATTN TO	Madison Ericson	C	
ADDRESS	1560 Broadway, Suite 1400	ADDRESS	1560 Broadway, Suite 1400	D	
CITY / STATE / ZIP	Denver, CO 80202	CITY / STATE / ZIP	Denver, CO 80202	E	
PHONE	804-357-6775	PHONE		F	
FAX		FAX		G	
E-MAIL	madison.ericson@tetratech.com	E-MAIL	madison.ericson@tetratech.com	H	
				I	
				J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
13	BT-P2-AOI-09-01	SOIL	2/22/22	1156	1	NA		X										
14	BT-PS-AOI-09-10	SOIL	2/22/22	1058	1	NA		X										
15	BT-P2-AOI-09-04	SOIL	2/22/22	1122	1	NA		X										
16	BT-P2-AOI-09-03	SOIL	2/22/22	1113	1	NA		X										
17	BT-P2-AOI-09-06	SOIL	2/22/22	1049	1	NA		X										
18	BT-P2-AOI-09-05	SOIL	2/22/22	1105	1	NA		X										
19	BT-P2-AOI-08-02	SOIL	2/22/22	1056	1	NA		X										
20	BT-P2-AOI-08-01	SOIL	2/22/22	1050	1	NA		X										
21	BT-P2-AOI-07-02	SOIL	2/22/22	1028	1	NA		X										
22	BT-P2-AOI-05-01	SOIL	2/22/22	1016	1	NA		X										
23	BT-P2-AOI-04-01	SOIL	2/22/22	0850	1	NA		X										
24	BT-P2-AOI-06-01	SOIL	2/22/22	0955	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES	REPORT LEVEL / QC REQUIRED	
		Summary (Standard QC)
	X	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Madison Ericson	2.23.22	0815
RECEIVED BY			2/23/22	855
RELINQUISHED BY			2/23/22	1100
RECEIVED BY		Claire Thomas	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER #	
#	2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	3 of 3
SITE ID				DISPOSAL	BY LAB or RETURN
EDD FORMAT	START R8				
PURCHASE ORDER					

PROJECT NAME	Bauer Tailings Site Assessment	BILL TO COMPANY	Tetra Tech
PROJECT No.	103X9035[redacted] 20F00 83211203	INVOICE ATTN TO	Madison Ericson
COMPANY NAME	Tetra Tech	ADDRESS	1560 Broadway, Suite 1400
SEND REPORT TO	Madison Ericson	CITY / STATE / ZIP	Denver, CO 80202
ADDRESS	1560 Broadway	PHONE	
CITY / STATE / ZIP	Denver, CO 80202	FAX	
PHONE	804-357-6775	E-MAIL	madison.ericson@tetratech.com
FAX			
E-MAIL	madison.ericson@tetratech.com		

PARAMETER/METHOD REQUEST FOR ANALYSIS

A	SVOC SW-846 (8270E)
B	
C	
D	
E	
F	
G	
H	
I	
J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
25	BT-P2-AOI-06-03	SOIL	2/22/22	1005	1	NA		X										
26	BT-P2-AOI-06-04	SOIL	2/22/22	0942	1	NA		X										
27	BT-P2-AOI-06-05	SOIL	2/22/22	0935	1	NA		X										
28	BT-P2-AOI-06-06	SOIL	2/22/22	0927	1	NA		X										
29	BT-P2-AOI-07-01	SOIL	2/22/22	1024	1	NA		X										
30	BT-P2-AOI-06-02	SOIL	2/22/22	0949	1	NA		X										
31	BT-P2-AOI-04-01-DUP	SOIL	2/22/22	0853	1	NA		X										
32	BT-P2-AOI-03-04-DUP	SOIL	2/22/22	0926	1	NA		X										
33	BT-P2-AOI-09-06-DUP	SOIL	2/22/22	1052	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[signature]	2/23/22	855
RELINQUISHED BY	[signature]	[signature]	2/23/22	1600
RECEIVED BY	[signature]	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Colllins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2202436

Project Manager: KMO Initials: CXT Date: 2/25/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?		X	
	Tracking number: 5646 0616 1872/ 5646 0616 1883			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?		X	
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY	X	

Cooler #:	1	2					
Temperature (°C):	0.0	1.3					
# of custody seals on cooler:	0	0					
External µR/hr reading:	10	10					
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: CT

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/01/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

2202436

ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE

SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 40.85 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10-0
0.0

FedEx Express

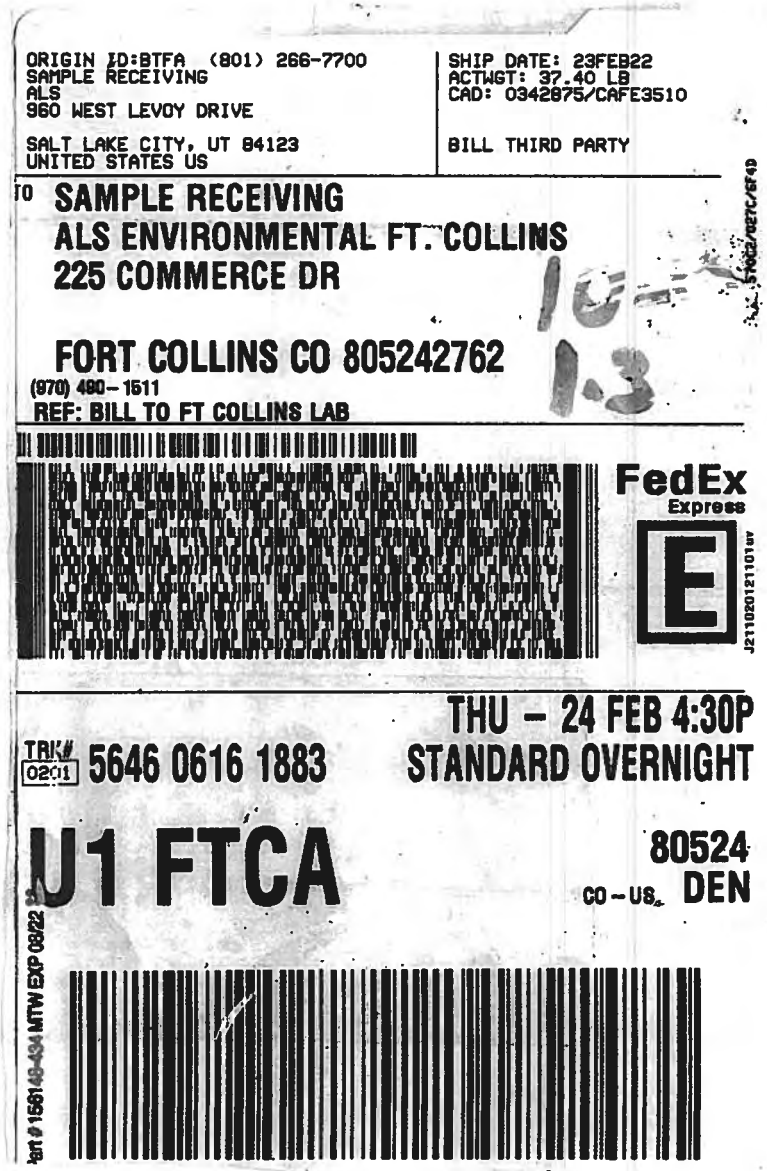
THU - 24 FEB 4:30P
STANDARD OVERNIGHT

TRK# 0201 5646 0616 1872

80524
CO-US DEN

U1 FTCA

Part # 158148-434 MTW EXP 08/22



ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE

SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 37.40 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10-
1.3

FedEx Express

THU - 24 FEB 4:30P
STANDARD OVERNIGHT

TRK# 0201 5646 0616 1883

80524
CO-US DEN

U1 FTCA

GC/MS Semivolatiles

Case Narrative

Tetra Tech

Bauer Tailings Site Assessment -- 103X903520F0083211203

Work Order Number: 2202436

1. This report consists of 33 soil samples. The samples were received cool and intact by ALS on 02/24/22.

2. These samples were prepared and analyzed according to SW-846, 3rd Edition procedures. Specifically, the soil samples were extracted using microwave procedures according to SW-846 Method 3546, utilizing the current revision of SOP 620.

3. The extracts were analyzed using GC/MS according to the current revision of SOP 506 based on SW-846 Method 8270E. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.

4. All initial calibration criteria were met. If average response factors were used in the initial calibration, %RSD was ≤20%. If linear or higher order regression calibrations were used in the initial calibration, the coefficient of determination (r^2) ≥0.99.

5. All initial calibration standards are verified by comparing a second source standard initial calibration verification (ICV) against the calibration curve. All target compounds in the second source verification had a %D ≤30%.

6. Per the guidance in methods 8000 and 8270, all compounds in each of the daily (continuing) calibration verifications had sufficient response to support accurate quantitation of the data included in this report.

7. The method blanks had bis(2-ethylhexyl)phthalate detected below the reporting limit. This compound was not detected in many of the associated samples. In the samples where the compound was detected, the data has been flagged.

8. Several compounds were out low in each laboratory control samples. Di-N-Octyl Phthalate was out high in EX220303-2LCS.

9. Samples 2202436-1 and -10 were designated as the quality control samples for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

   Many compounds were out low and RPDs out high in the matrix spike and matrix spike duplicate for 2202436-1. Several compounds were out low and RPDs out high in the matrix spike and matrix spike duplicate for 2202436-10.

10. The samples were extracted and analyzed within the established holding times.

11. All surrogate recoveries were within acceptance criteria with the following exceptions:

Surrogate	Sample	Direction
All surrogates	2202436-1, -7, -8	Low
2-Fluorobiphenyl	2202436-11	Low
2-Fluorophenol	2202436-4, -11	Low
Phenol-D_5	2202436-1MS/MSD, 2, -3, -4, -9, -11, -14	Low
Terphenyl-D_{14}	2202436-4, -11	Low

12. All internal standard recoveries were within acceptance criteria.

13. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in the current revision of SOP 939. Whenever manual integrations are performed, before and after chromatograms of the peak that was manually integrated are included in the report along with the reason why the re-integration was necessary.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Organics Final Data Reviewer

3/15/22
Date

ALS
Data Qualifier Flags
Organics

U or ND:	**This flag indicates that the compound was analyzed for but not detected.**
J:	**This flag indicates an estimated value. This flag is used as follows : (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.**
B:	**This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.**
E:	**This flag identifies compounds whose concentration exceeds the upper level of the calibration range.**
A:	**This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.**
X:	**This flag indicates that the analyte was diluted below an accurate quantitation level.**
***:**	**This flag indicates that a spike recovery is equal to or outside the control criteria used.**
+:	**This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.**

Chain of Custody

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-02-01	2202436-1		SOIL	22-Feb-22	9:11
BT-P2-AOI-03-01	2202436-2		SOIL	22-Feb-22	9:02
BT-P2-AOI-03-02	2202436-3		SOIL	22-Feb-22	9:09
BT-P2-AOI-03-03	2202436-4		SOIL	22-Feb-22	9:16
BT-P2-AOI-03-04	2202436-5		SOIL	22-Feb-22	9:22
BT-P2-AOI-03-05	2202436-6		SOIL	22-Feb-22	9:32
BT-P2-AOI-03-06	2202436-7		SOIL	22-Feb-22	9:50
BT-P2-AOI-03-07	2202436-8		SOIL	22-Feb-22	9:37
BT-P2-AOI-09-08	2202436-9		SOIL	22-Feb-22	10:42
BT-P2-AOI-09-07	2202436-10		SOIL	22-Feb-22	11:39
BT-P2-AOI-09-09	2202436-11		SOIL	22-Feb-22	11:28
BT-P2-AOI-09-02	2202436-12		SOIL	22-Feb-22	11:48
BT-P2-AOI-09-01	2202436-13		SOIL	22-Feb-22	11:56
BT-PS-AOI-09-10	2202436-14		SOIL	22-Feb-22	10:58
BT-P2-AOI-09-04	2202436-15		SOIL	22-Feb-22	11:22
BT-P2-AOI-09-03	2202436-16		SOIL	22-Feb-22	11:13
BT-P2-AOI-09-06	2202436-17		SOIL	22-Feb-22	10:49
BT-P2-AOI-09-05	2202436-18		SOIL	22-Feb-22	11:05
BT-P2-AOI-08-02	2202436-19		SOIL	22-Feb-22	10:56
BT-P2-AOI-08-01	2202436-20		SOIL	22-Feb-22	10:50
BT-P2-AOI-07-02	2202436-21		SOIL	22-Feb-22	10:28
BT-P2-AOI-05-01	2202436-22		SOIL	22-Feb-22	10:16
BT-P2-AOI-04-01	2202436-23		SOIL	22-Feb-22	8:50
BT-P2-AOI-06-01	2202436-24		SOIL	22-Feb-22	9:55
BT-P2-AOI-06-03	2202436-25		SOIL	22-Feb-22	10:05
BT-P2-AOI-06-04	2202436-26		SOIL	22-Feb-22	9:42
BT-P2-AOI-06-05	2202436-27		SOIL	22-Feb-22	9:35
BT-P2-AOI-06-06	2202436-28		SOIL	22-Feb-22	9:27
BT-P2-AOI-07-01	2202436-29		SOIL	22-Feb-22	10:24
BT-P2-AOI-06-02	2202436-30		SOIL	22-Feb-22	9:49

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-04-01-DUP	2202436-31		SOIL	22-Feb-22	8:53
BT-P2-AOI-03-04-DUP	2202436-32		SOIL	22-Feb-22	9:26
BT-P2-AOI-09-06-DUP	2202436-33		SOIL	22-Feb-22	10:52

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	1 of 3
SITE ID				DISPOSAL	BY LAB or RETURN
EDD FORMAT	START R8			PARAMETER/METHOD REQUEST FOR ANALYSIS	
PURCHASE ORDER				A	SVOC SW-846 (8270E)
BILL TO COMPANY	Tetra Tech			B	
INVOICE ATTN TO	Madison Ericson			C	
ADDRESS	1560 Broadway, Suite 1400			D	
CITY / STATE / ZIP	Denver, CO 80202			E	
PHONE				F	
FAX				G	
E-MAIL	madison.ericson@tetratech.com			H	
				I	
				J	

PROJECT NAME	Bauer Tailings Site Assessment
PROJECT No.	103X9035[redacted]20F0083211203
E-MAIL	
COMPANY NAME	Tetra Tech
SEND REPORT TO	Madison Ericson
ADDRESS	1560 Broadway, Suite 1400
CITY / STATE / ZIP	Denver, CO 80202
PHONE	804-357-6775
FAX	
E-MAIL	madison.ericson@tetratech.com

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
1	BT-P2-AOI-02-01	SOIL	2/22/22	0929	3	NA	X	X										MS/MSD
2	BT-P2-AOI-03-01	SOIL	2/22/22	0902	1	NA		X										
3	BT-P2-AOI-03-02	SOIL	2/22/22	0909	1	NA		X										
4	BT-P2-AOI-03-03	SOIL	2/22/22	0916	1	NA		X										
5	BT-P2-AOI-03-04	SOIL	2/22/22	0922	1	NA		X										
6	BT-P2-AOI-03-05	SOIL	2/22/22	0932	1	NA		X										
7	BT-P2-AOI-03-06	SOIL	2/22/22	0950	1	NA		X										
8	BT-P2-AOI-03-07	SOIL	2/22/22	0937	1	NA		X										
9	BT-P2-AOI-09-08	SOIL	2/22/22	1042	1	NA		X										
10	BT-P2-AOI-09-07	SOIL	2/22/22	1139	3	NA	X	X										MS/MSD
11	BT-P2-AOI-09-09	SOIL	2/22/22	1128	1	NA		X										
12	BT-P2-AOI-09-02	SOIL	2/22/22	1148	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

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REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[illegible]	2/23/22	835
RELINQUISHED BY	[signature]	[illegible]	2/23/22	1600
RECEIVED BY	Claire Thennes	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.
Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	2 of 3
SITE ID				DISPOSAL	BY LAB or RETURN

				PARAMETER/METHOD REQUEST FOR ANALYSIS	
PROJECT NAME	Bauer Tailings Site Assessment	EDD FORMAT	START R8	A	SVOC SW-846 (8270E)
PROJECT No.	103X9035[redacted] 20F0083211203	PURCHASE ORDER		B	
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech	C	
SEND REPORT TO	Madison Ericson	INVOICE ATTN TO	Madison Ericson	D	
ADDRESS	1560 Broadway, Suite 1400	ADDRESS	1560 Broadway, Suite 1400	E	
CITY / STATE / ZIP	Denver, CO 80202	CITY / STATE / ZIP	Denver, CO 80202	F	
PHONE	804-357-6775	PHONE		G	
FAX		FAX		H	
E-MAIL	madison.ericson@tetratech.com	E-MAIL	madison.ericson@tetratech.com	I	
				J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
13	BT-P2-AOI-09-01	SOIL	2/22/22	1156	1	NA		X										
14	BT-PS-AOI-09-10	SOIL	2/22/22	1058	1	NA		X										
15	BT-P2-AOI-09-04	SOIL	2/22/22	1122	1	NA		X										
16	BT-P2-AOI-09-03	SOIL	2/22/22	1113	1	NA		X										
17	BT-P2-AOI-09-06	SOIL	2/22/22	1049	1	NA		X										
18	BT-P2-AOI-09-05	SOIL	2/22/22	1105	1	NA		X										
19	BT-P2-AOI-08-02	SOIL	2/22/22	1056	1	NA		X										
20	BT-P2-AOI-08-01	SOIL	2/22/22	1050	1	NA		X										
21	BT-P2-AOI-07-02	SOIL	2/22/22	1028	1	NA		X										
22	BT-P2-AOI-05-01	SOIL	2/22/22	1016	1	NA		X										
23	BT-P2-AOI-04-01	SOIL	2/22/22	0850	1	NA		X										
24	BT-P2-AOI-06-01	SOIL	2/22/22	0955	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

8 of 420

REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Madison Ericson	2.23.22	0815
RECEIVED BY			2/23/22	855
RELINQUISHED BY			2/23/22	1100
RECEIVED BY		Claire Thomas	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

PROJECT NAME	Bauer Tailings Site Assessment	TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner
PROJECT No.	103X9035[redacted] 20F00 83211203	SITE ID			
		EDD FORMAT	START R8		
		PURCHASE ORDER			
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech		
SEND REPORT TO	Madison Ericson	INVOICE ATTN TO	Madison Ericson		
ADDRESS	1560 Broadway	ADDRESS	1560 Broadway, Suite 1400		
CITY / STATE / ZIP	Denver, CO 80202	CITY / STATE / ZIP	Denver, CO 80202		
PHONE	804-357-6775	PHONE			
FAX		FAX			
E-MAIL	madison.ericson@tetratech.com	E-MAIL	madison.ericson@tetratech.com		

PAGE 3 of 3

DISPOSAL (BY LAB) or RETURN

PARAMETER/METHOD REQUEST FOR ANALYSIS

A	SVOC SW-846 (8270E)
B	
C	
D	
E	
F	
G	
H	
I	
J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
25	BT-P2-AOI-06-03	SOIL	2/22/22	1005	1	NA		X										
26	BT-P2-AOI-06-04	SOIL	2/22/22	0942	1	NA		X										
27	BT-P2-AOI-06-05	SOIL	2/22/22	0935	1	NA		X										
28	BT-P2-AOI-06-06	SOIL	2/22/22	0927	1	NA		X										
29	BT-P2-AOI-07-01	SOIL	2/22/22	1024	1	NA		X										
30	BT-P2-AOI-06-02	SOIL	2/22/22	0949	1	NA		X										
31	BT-P2-AOI-04-01-DUP	SOIL	2/22/22	0853	1	NA		X										
32	BT-P2-AOI-03-04-DUP	SOIL	2/22/22	0926	1	NA		X										
33	BT-P2-AOI-09-06-DUP	SOIL	2/22/22	1052	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

9 of 420

REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[signature]	2/23/22	855
RELINQUISHED BY	[signature]	[signature]	2/23/22	1600
RECEIVED BY	[signature]	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Colllins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2202436

Project Manager: KMO Initials: CXT Date: 2/25/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?		X	
	Tracking number: 5646 0616 1872/ 5646 0616 1883			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?		X	
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY	X	

Cooler #:	1	2					
Temperature (°C):	0.0	1.3					
# of custody seals on cooler:	0	0					
External µR/hr reading:	10	10					
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: CT

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/01/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

2202436

ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE
SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 40.85 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10.0
0.0

FedEx Express

J211020121101sr

TRK# 0201 5646 0616 1872

THU - 24 FEB 4:30P
STANDARD OVERNIGHT

U1 FTCA

80524
CO-US DEN

Part # 158148-434 MTW EXP 08/22

ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE
SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 37.40 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10
1.3

FedEx Express

J211020121101sr

TRK# 0201 5646 0616 1883

THU - 24 FEB 4:30P
STANDARD OVERNIGHT

U1 FTCA

80524
CO-US DEN

Part # 158148-434 MTW EXP 08/22

Analytical Results

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2000	U	2000	400
62-75-9	N-NITROSODIMETHYLAMINE	1	670	U	670	140
62-53-3	ANILINE	1	670	U	670	100
108-95-2	PHENOL	1	670	U	670	100
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	670	U	670	100
95-57-8	2-CHLOROPHENOL	1	670	U	670	100
541-73-1	1,3-DICHLOROBENZENE	1	670	U	670	100
106-46-7	1,4-DICHLOROBENZENE	1	670	U	670	100
95-50-1	1,2-DICHLOROBENZENE	1	670	U	670	100
100-51-6	BENZYL ALCOHOL	1	670	U	670	100
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	670	U	670	120
95-48-7	2-METHYLPHENOL	1	670	U	670	100
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	670	U	670	100
108-39-4	3+4-METHYLPHENOL	1	670	U	670	100
67-72-1	HEXACHLOROETHANE	1	670	U	670	100
98-95-3	NITROBENZENE	1	670	U	670	100
78-59-1	ISOPHORONE	1	670	U	670	100
88-75-5	2-NITROPHENOL	1	670	U	670	100
105-67-9	2,4-DIMETHYLPHENOL	1	670	U	670	100
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	670	U	670	100
120-83-2	2,4-DICHLOROPHENOL	1	670	U	670	100
65-85-0	BENZOIC ACID	1	3300	U	3300	700
120-82-1	1,2,4-TRICHLOROBENZENE	1	670	U	670	100
91-20-3	NAPHTHALENE	1	670	U	670	100
106-47-8	4-CHLOROANILINE	1	670	U	670	100
87-68-3	HEXACHLOROBUTADIENE	1	670	U	670	100
59-50-7	4-CHLORO-3-METHYLPHENOL	1	670	U	670	100
91-57-6	2-METHYLNAPHTHALENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
90-12-0	1-METHYLNAPHTHALENE	1	670	U	670	100
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	670	U	670	100
88-06-2	2,4,6-TRICHLOROPHENOL	1	670	U	670	100
95-95-4	2,4,5-TRICHLOROPHENOL	1	670	U	670	100
91-58-7	2-CHLORONAPHTHALENE	1	670	U	670	100
88-74-4	2-NITROANILINE	1	1300	U	1300	100
131-11-3	DIMETHYL PHTHALATE	1	670	U	670	100
606-20-2	2,6-DINITROTOLUENE	1	670	U	670	100
208-96-8	ACENAPHTHYLENE	1	670	U	670	100
99-09-2	3-NITROANILINE	1	1300	U	1300	100
83-32-9	ACENAPHTHENE	1	670	U	670	100
51-28-5	2,4-DINITROPHENOL	1	1300	U	1300	400
100-02-7	4-NITROPHENOL	1	1300	U	1300	100
132-64-9	DIBENZOFURAN	1	670	U	670	100
121-14-2	2,4-DINITROTOLUENE	1	670	U	670	100
84-66-2	DIETHYL PHTHALATE	1	670	U	670	100
86-73-7	FLUORENE	1	670	U	670	100
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	670	U	670	100
100-01-6	4-NITROANILINE	1	1300	U	1300	100
103-33-3	AZOBENZENE	1	670	U	670	100
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2700	U	2700	600
86-30-6	N-NITROSODIPHENYLAMINE	1	670	U	670	100
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	670	U	670	100
118-74-1	HEXACHLOROBENZENE	1	670	U	670	140
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	670	U	670	160
87-86-5	PENTACHLOROPHENOL	1	2700	U	2700	100
85-01-8	PHENANTHRENE	1	670	U	670	100
120-12-7	ANTHRACENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
86-74-8	CARBAZOLE	1	670	U	670	100
84-74-2	DI-N-BUTYL PHTHALATE	1	670	U	670	100
206-44-0	FLUORANTHENE	1	670	U	670	100
129-00-0	PYRENE	1	670	U	670	100
85-68-7	BUTYL BENZYL PHTHALATE	1	670	U	670	100
56-55-3	BENZO(A)ANTHRACENE	1	670	U	670	100
91-94-1	3,3'-DICHLOROBENZIDINE	1	670	U	670	100
218-01-9	CHRYSENE	1	670	U	670	100
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	230	J	1000	100
117-84-0	DI-N-OCTYL PHTHALATE	1	1000	U	1000	100
205-99-2	BENZO(B)FLUORANTHENE	1	670	U	670	100
207-08-9	BENZO(K)FLUORANTHENE	1	670	U	670	100
50-32-8	BENZO(A)PYRENE	1	670	U	670	100
193-39-5	INDENO(1,2,3-CD)PYRENE	1	670	U	670	140
53-70-3	DIBENZO(A,H)ANTHRACENE	1	670	U	670	100
191-24-2	BENZO(G,H,I)PERYLENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4070		5000	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	2630		3330	79	34 - 120
367-12-4	2-FLUOROPHENOL	4300		5000	86	38 - 120
4165-60-0	NITROBENZENE-D5	2600		3330	78	31 - 120
4165-62-2	PHENOL-D5	4350		5000	87	45 - 120
1718-51-0	TERPHENYL-D14	2940		3330	88	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2000	U	2000	400
62-75-9	N-NITROSODIMETHYLAMINE	1	670	U	670	140
62-53-3	ANILINE	1	670	U	670	100
108-95-2	PHENOL	1	670	U	670	100
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	670	U	670	100
95-57-8	2-CHLOROPHENOL	1	670	U	670	100
541-73-1	1,3-DICHLOROBENZENE	1	670	U	670	100
106-46-7	1,4-DICHLOROBENZENE	1	670	U	670	100
95-50-1	1,2-DICHLOROBENZENE	1	670	U	670	100
100-51-6	BENZYL ALCOHOL	1	670	U	670	100
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	670	U	670	120
95-48-7	2-METHYLPHENOL	1	670	U	670	100
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	670	U	670	100
108-39-4	3+4-METHYLPHENOL	1	670	U	670	100
67-72-1	HEXACHLOROETHANE	1	670	U	670	100
98-95-3	NITROBENZENE	1	670	U	670	100
78-59-1	ISOPHORONE	1	670	U	670	100
88-75-5	2-NITROPHENOL	1	670	U	670	100
105-67-9	2,4-DIMETHYLPHENOL	1	670	U	670	100
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	670	U	670	100
120-83-2	2,4-DICHLOROPHENOL	1	670	U	670	100
65-85-0	BENZOIC ACID	1	3300	U	3300	700
120-82-1	1,2,4-TRICHLOROBENZENE	1	670	U	670	100
91-20-3	NAPHTHALENE	1	670	U	670	100
106-47-8	4-CHLOROANILINE	1	670	U	670	100
87-68-3	HEXACHLOROBUTADIENE	1	670	U	670	100
59-50-7	4-CHLORO-3-METHYLPHENOL	1	670	U	670	100
91-57-6	2-METHYLNAPHTHALENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
90-12-0	1-METHYLNAPHTHALENE	1	670	U	670	100
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	670	U	670	100
88-06-2	2,4,6-TRICHLOROPHENOL	1	670	U	670	100
95-95-4	2,4,5-TRICHLOROPHENOL	1	670	U	670	100
91-58-7	2-CHLORONAPHTHALENE	1	670	U	670	100
88-74-4	2-NITROANILINE	1	1300	U	1300	100
131-11-3	DIMETHYL PHTHALATE	1	670	U	670	100
606-20-2	2,6-DINITROTOLUENE	1	670	U	670	100
208-96-8	ACENAPHTHYLENE	1	670	U	670	100
99-09-2	3-NITROANILINE	1	1300	U	1300	100
83-32-9	ACENAPHTHENE	1	670	U	670	100
51-28-5	2,4-DINITROPHENOL	1	1300	U	1300	400
100-02-7	4-NITROPHENOL	1	1300	U	1300	100
132-64-9	DIBENZOFURAN	1	670	U	670	100
121-14-2	2,4-DINITROTOLUENE	1	670	U	670	100
84-66-2	DIETHYL PHTHALATE	1	670	U	670	100
86-73-7	FLUORENE	1	670	U	670	100
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	670	U	670	100
100-01-6	4-NITROANILINE	1	1300	U	1300	100
103-33-3	AZOBENZENE	1	670	U	670	100
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2700	U	2700	600
86-30-6	N-NITROSODIPHENYLAMINE	1	670	U	670	100
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	670	U	670	100
118-74-1	HEXACHLOROBENZENE	1	670	U	670	140
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	670	U	670	160
87-86-5	PENTACHLOROPHENOL	1	2700	U	2700	100
85-01-8	PHENANTHRENE	1	670	U	670	100
120-12-7	ANTHRACENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
86-74-8	CARBAZOLE	1	670	U	670	100
84-74-2	DI-N-BUTYL PHTHALATE	1	670	U	670	100
206-44-0	FLUORANTHENE	1	670	U	670	100
129-00-0	PYRENE	1	670	U	670	100
85-68-7	BUTYL BENZYL PHTHALATE	1	670	U	670	100
56-55-3	BENZO(A)ANTHRACENE	1	670	U	670	100
91-94-1	3,3'-DICHLOROBENZIDINE	1	670	U	670	100
218-01-9	CHRYSENE	1	670	U	670	100
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	200	J	1000	100
117-84-0	DI-N-OCTYL PHTHALATE	1	1000	U	1000	100
205-99-2	BENZO(B)FLUORANTHENE	1	670	U	670	100
207-08-9	BENZO(K)FLUORANTHENE	1	670	U	670	100
50-32-8	BENZO(A)PYRENE	1	670	U	670	100
193-39-5	INDENO(1,2,3-CD)PYRENE	1	670	U	670	140
53-70-3	DIBENZO(A,H)ANTHRACENE	1	670	U	670	100
191-24-2	BENZO(G,H,I)PERYLENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4130		5000	83	25 - 127
321-60-8	2-FLUOROBIPHENYL	2680		3330	80	34 - 120
367-12-4	2-FLUOROPHENOL	4360		5000	87	38 - 120
4165-60-0	NITROBENZENE-D5	2600		3330	78	31 - 120
4165-62-2	PHENOL-D5	4460		5000	89	45 - 120
1718-51-0	TERPHENYL-D14	3110		3330	93	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2400	U	2400	470
62-75-9	N-NITROSODIMETHYLAMINE	1	790	U	790	170
62-53-3	ANILINE	1	790	U	790	120
108-95-2	PHENOL	1	790	U	790	120
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	790	U	790	120
95-57-8	2-CHLOROPHENOL	1	790	U	790	120
541-73-1	1,3-DICHLOROBENZENE	1	790	U	790	120
106-46-7	1,4-DICHLOROBENZENE	1	790	U	790	120
95-50-1	1,2-DICHLOROBENZENE	1	790	U	790	120
100-51-6	BENZYL ALCOHOL	1	790	U	790	120
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	790	U	790	140
95-48-7	2-METHYLPHENOL	1	790	U	790	120
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	790	U	790	120
108-39-4	3+4-METHYLPHENOL	1	790	U	790	120
67-72-1	HEXACHLOROETHANE	1	790	U	790	120
98-95-3	NITROBENZENE	1	790	U	790	120
78-59-1	ISOPHORONE	1	790	U	790	120
88-75-5	2-NITROPHENOL	1	790	U	790	120
105-67-9	2,4-DIMETHYLPHENOL	1	790	U	790	120
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	790	U	790	120
120-83-2	2,4-DICHLOROPHENOL	1	790	U	790	120
65-85-0	BENZOIC ACID	1	3900	U	3900	830
120-82-1	1,2,4-TRICHLOROBENZENE	1	790	U	790	120
91-20-3	NAPHTHALENE	1	790	U	790	120
106-47-8	4-CHLOROANILINE	1	790	U	790	120
87-68-3	HEXACHLOROBUTADIENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	790	U	790	120
91-57-6	2-METHYLNAPHTHALENE	1	790	U	790	120
90-12-0	1-METHYLNAPHTHALENE	1	790	U	790	120
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	790	U	790	120
88-06-2	2,4,6-TRICHLOROPHENOL	1	790	U	790	120
95-95-4	2,4,5-TRICHLOROPHENOL	1	790	U	790	120
91-58-7	2-CHLORONAPHTHALENE	1	790	U	790	120
88-74-4	2-NITROANILINE	1	1600	U	1600	120
131-11-3	DIMETHYL PHTHALATE	1	790	U	790	120
606-20-2	2,6-DINITROTOLUENE	1	790	U	790	120
208-96-8	ACENAPHTHYLENE	1	790	U	790	120
99-09-2	3-NITROANILINE	1	1600	U	1600	120
83-32-9	ACENAPHTHENE	1	790	U	790	120
51-28-5	2,4-DINITROPHENOL	1	1600	U	1600	470
100-02-7	4-NITROPHENOL	1	1600	U	1600	120
132-64-9	DIBENZOFURAN	1	790	U	790	120
121-14-2	2,4-DINITROTOLUENE	1	790	U	790	120
84-66-2	DIETHYL PHTHALATE	1	790	U	790	120
86-73-7	FLUORENE	1	790	U	790	120
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	790	U	790	120
100-01-6	4-NITROANILINE	1	1600	U	1600	120
103-33-3	AZOBENZENE	1	790	U	790	120
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3200	U	3200	710
86-30-6	N-NITROSODIPHENYLAMINE	1	790	U	790	120
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	790	U	790	120
118-74-1	HEXACHLOROBENZENE	1	790	U	790	170

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	790	U	790	190
87-86-5	PENTACHLOROPHENOL	1	3200	U	3200	120
85-01-8	PHENANTHRENE	1	790	U	790	120
120-12-7	ANTHRACENE	1	790	U	790	120
86-74-8	CARBAZOLE	1	790	U	790	120
84-74-2	DI-N-BUTYL PHTHALATE	1	790	U	790	120
206-44-0	FLUORANTHENE	1	790	U	790	120
129-00-0	PYRENE	1	790	U	790	120
85-68-7	BUTYL BENZYL PHTHALATE	1	790	U	790	120
56-55-3	BENZO(A)ANTHRACENE	1	790	U	790	120
91-94-1	3,3'-DICHLOROBENZIDINE	1	790	U	790	120
218-01-9	CHRYSENE	1	790	U	790	120
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	250	JB	1200	120
117-84-0	DI-N-OCTYL PHTHALATE	1	1200	U	1200	120
205-99-2	BENZO(B)FLUORANTHENE	1	790	U	790	120
207-08-9	BENZO(K)FLUORANTHENE	1	790	U	790	120
50-32-8	BENZO(A)PYRENE	1	790	U	790	120
193-39-5	INDENO(1,2,3-CD)PYRENE	1	790	U	790	170
53-70-3	DIBENZO(A,H)ANTHRACENE	1	790	U	790	120
191-24-2	BENZO(G,H,I)PERYLENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1180	*	5920	20	25 - 127
321-60-8	2-FLUOROBIPHENYL	841	*	3950	21	34 - 120
367-12-4	2-FLUOROPHENOL	1340	*	5920	23	38 - 120
4165-60-0	NITROBENZENE-D5	843	*	3950	21	31 - 120
4165-62-2	PHENOL-D5	1360	*	5920	23	45 - 120
1718-51-0	TERPHENYL-D14	875	*	3950	22	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2500
62-75-9	N-NITROSODIMETHYLAMINE	1	4100	U	4100	870
62-53-3	ANILINE	1	4100	U	4100	620
108-95-2	PHENOL	1	4100	U	4100	620
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4100	U	4100	620
95-57-8	2-CHLOROPHENOL	1	4100	U	4100	620
541-73-1	1,3-DICHLOROBENZENE	1	4100	U	4100	620
106-46-7	1,4-DICHLOROBENZENE	1	4100	U	4100	620
95-50-1	1,2-DICHLOROBENZENE	1	4100	U	4100	620
100-51-6	BENZYL ALCOHOL	1	4100	U	4100	620
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4100	U	4100	740
95-48-7	2-METHYLPHENOL	1	4100	U	4100	620
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4100	U	4100	620
108-39-4	3+4-METHYLPHENOL	1	4100	U	4100	620
67-72-1	HEXACHLOROETHANE	1	4100	U	4100	620
98-95-3	NITROBENZENE	1	4100	U	4100	620
78-59-1	ISOPHORONE	1	4100	U	4100	620
88-75-5	2-NITROPHENOL	1	4100	U	4100	620
105-67-9	2,4-DIMETHYLPHENOL	1	4100	U	4100	620
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4100	U	4100	620
120-83-2	2,4-DICHLOROPHENOL	1	4100	U	4100	620
65-85-0	BENZOIC ACID	1	21000	U	21000	4300
120-82-1	1,2,4-TRICHLOROBENZENE	1	4100	U	4100	620
91-20-3	NAPHTHALENE	1	4100	U	4100	620
106-47-8	4-CHLOROANILINE	1	4100	U	4100	620
87-68-3	HEXACHLOROBUTADIENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4100	U	4100	620
91-57-6	2-METHYLNAPHTHALENE	1	4100	U	4100	620
90-12-0	1-METHYLNAPHTHALENE	1	4100	U	4100	620
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4100	U	4100	620
88-06-2	2,4,6-TRICHLOROPHENOL	1	4100	U	4100	620
95-95-4	2,4,5-TRICHLOROPHENOL	1	4100	U	4100	620
91-58-7	2-CHLORONAPHTHALENE	1	4100	U	4100	620
88-74-4	2-NITROANILINE	1	8300	U	8300	620
131-11-3	DIMETHYL PHTHALATE	1	4100	U	4100	620
606-20-2	2,6-DINITROTOLUENE	1	4100	U	4100	620
208-96-8	ACENAPHTHYLENE	1	4100	U	4100	620
99-09-2	3-NITROANILINE	1	8300	U	8300	620
83-32-9	ACENAPHTHENE	1	4100	U	4100	620
51-28-5	2,4-DINITROPHENOL	1	8300	U	8300	2500
100-02-7	4-NITROPHENOL	1	8300	U	8300	620
132-64-9	DIBENZOFURAN	1	4100	U	4100	620
121-14-2	2,4-DINITROTOLUENE	1	4100	U	4100	620
84-66-2	DIETHYL PHTHALATE	1	4100	U	4100	620
86-73-7	FLUORENE	1	4100	U	4100	620
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4100	U	4100	620
100-01-6	4-NITROANILINE	1	8300	U	8300	620
103-33-3	AZOBENZENE	1	4100	U	4100	620
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	17000	U	17000	3700
86-30-6	N-NITROSODIPHENYLAMINE	1	4100	U	4100	620
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4100	U	4100	620
118-74-1	HEXACHLOROBENZENE	1	4100	U	4100	870

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4100	U	4100	990
87-86-5	PENTACHLOROPHENOL	1	17000	U	17000	620
85-01-8	PHENANTHRENE	1	4100	U	4100	620
120-12-7	ANTHRACENE	1	4100	U	4100	620
86-74-8	CARBAZOLE	1	4100	U	4100	620
84-74-2	DI-N-BUTYL PHTHALATE	1	4100	U	4100	620
206-44-0	FLUORANTHENE	1	4100	U	4100	620
129-00-0	PYRENE	1	4100	U	4100	620
85-68-7	BUTYL BENZYL PHTHALATE	1	4100	U	4100	620
56-55-3	BENZO(A)ANTHRACENE	1	4100	U	4100	620
91-94-1	3,3'-DICHLOROBENZIDINE	1	4100	U	4100	620
218-01-9	CHRYSENE	1	4100	U	4100	620
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6200	U	6200	620
117-84-0	DI-N-OCTYL PHTHALATE	1	6200	U	6200	620
205-99-2	BENZO(B)FLUORANTHENE	1	4100	U	4100	620
207-08-9	BENZO(K)FLUORANTHENE	1	4100	U	4100	620
50-32-8	BENZO(A)PYRENE	1	4100	U	4100	620
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4100	U	4100	870
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4100	U	4100	620
191-24-2	BENZO(G,H,I)PERYLENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2690		6190	43	25 - 127
321-60-8	2-FLUOROBIPHENYL	1930		4130	47	34 - 120
367-12-4	2-FLUOROPHENOL	2370		6190	38	38 - 120
4165-60-0	NITROBENZENE-D5	1830		4130	44	31 - 120
4165-62-2	PHENOL-D5	2480	*	6190	40	45 - 120
1718-51-0	TERPHENYL-D14	1900		4130	46	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	13000	U	13000	2500
62-75-9	N-NITROSODIMETHYLAMINE	1	4200	U	4200	880
62-53-3	ANILINE	1	4200	U	4200	630
108-95-2	PHENOL	1	4200	U	4200	630
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4200	U	4200	630
95-57-8	2-CHLOROPHENOL	1	4200	U	4200	630
541-73-1	1,3-DICHLOROBENZENE	1	4200	U	4200	630
106-46-7	1,4-DICHLOROBENZENE	1	4200	U	4200	630
95-50-1	1,2-DICHLOROBENZENE	1	4200	U	4200	630
100-51-6	BENZYL ALCOHOL	1	4200	U	4200	630
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4200	U	4200	760
95-48-7	2-METHYLPHENOL	1	4200	U	4200	630
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4200	U	4200	630
108-39-4	3+4-METHYLPHENOL	1	4200	U	4200	630
67-72-1	HEXACHLOROETHANE	1	4200	U	4200	630
98-95-3	NITROBENZENE	1	4200	U	4200	630
78-59-1	ISOPHORONE	1	4200	U	4200	630
88-75-5	2-NITROPHENOL	1	4200	U	4200	630
105-67-9	2,4-DIMETHYLPHENOL	1	4200	U	4200	630
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4200	U	4200	630
120-83-2	2,4-DICHLOROPHENOL	1	4200	U	4200	630
65-85-0	BENZOIC ACID	1	21000	U	21000	4400
120-82-1	1,2,4-TRICHLOROBENZENE	1	4200	U	4200	630
91-20-3	NAPHTHALENE	1	4200	U	4200	630
106-47-8	4-CHLOROANILINE	1	4200	U	4200	630
87-68-3	HEXACHLOROBUTADIENE	1	4200	U	4200	630

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4200	U	4200	630
91-57-6	2-METHYLNAPHTHALENE	1	4200	U	4200	630
90-12-0	1-METHYLNAPHTHALENE	1	4200	U	4200	630
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4200	U	4200	630
88-06-2	2,4,6-TRICHLOROPHENOL	1	4200	U	4200	630
95-95-4	2,4,5-TRICHLOROPHENOL	1	4200	U	4200	630
91-58-7	2-CHLORONAPHTHALENE	1	4200	U	4200	630
88-74-4	2-NITROANILINE	1	8400	U	8400	630
131-11-3	DIMETHYL PHTHALATE	1	4200	U	4200	630
606-20-2	2,6-DINITROTOLUENE	1	4200	U	4200	630
208-96-8	ACENAPHTHYLENE	1	4200	U	4200	630
99-09-2	3-NITROANILINE	1	8400	U	8400	630
83-32-9	ACENAPHTHENE	1	4200	U	4200	630
51-28-5	2,4-DINITROPHENOL	1	8400	U	8400	2500
100-02-7	4-NITROPHENOL	1	8400	U	8400	630
132-64-9	DIBENZOFURAN	1	4200	U	4200	630
121-14-2	2,4-DINITROTOLUENE	1	4200	U	4200	630
84-66-2	DIETHYL PHTHALATE	1	4200	U	4200	630
86-73-7	FLUORENE	1	4200	U	4200	630
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4200	U	4200	630
100-01-6	4-NITROANILINE	1	8400	U	8400	630
103-33-3	AZOBENZENE	1	4200	U	4200	630
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	17000	U	17000	3800
86-30-6	N-NITROSODIPHENYLAMINE	1	4200	U	4200	630
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4200	U	4200	630
118-74-1	HEXACHLOROBENZENE	1	4200	U	4200	880

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4200	U	4200	1000
87-86-5	PENTACHLOROPHENOL	1	17000	U	17000	630
85-01-8	PHENANTHRENE	1	4200	U	4200	630
120-12-7	ANTHRACENE	1	4200	U	4200	630
86-74-8	CARBAZOLE	1	4200	U	4200	630
84-74-2	DI-N-BUTYL PHTHALATE	1	4200	U	4200	630
206-44-0	FLUORANTHENE	1	4200	U	4200	630
129-00-0	PYRENE	1	4200	U	4200	630
85-68-7	BUTYL BENZYL PHTHALATE	1	4200	U	4200	630
56-55-3	BENZO(A)ANTHRACENE	1	4200	U	4200	630
91-94-1	3,3'-DICHLOROBENZIDINE	1	4200	U	4200	630
218-01-9	CHRYSENE	1	4200	U	4200	630
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6300	U	6300	630
117-84-0	DI-N-OCTYL PHTHALATE	1	6300	U	6300	630
205-99-2	BENZO(B)FLUORANTHENE	1	4200	U	4200	630
207-08-9	BENZO(K)FLUORANTHENE	1	4200	U	4200	630
50-32-8	BENZO(A)PYRENE	1	4200	U	4200	630
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4200	U	4200	880
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4200	U	4200	630
191-24-2	BENZO(G,H,I)PERYLENE	1	4200	U	4200	630

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2690		6320	43	25 - 127
321-60-8	2-FLUOROBIPHENYL	1980		4210	47	34 - 120
367-12-4	2-FLUOROPHENOL	2450		6320	39	38 - 120
4165-60-0	NITROBENZENE-D5	1990		4210	47	31 - 120
4165-62-2	PHENOL-D5	2430	*	6320	38	45 - 120
1718-51-0	TERPHENYL-D14	1990		4210	47	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2500
62-75-9	N-NITROSODIMETHYLAMINE	1	4100	U	4100	870
62-53-3	ANILINE	1	4100	U	4100	620
108-95-2	PHENOL	1	4100	U	4100	620
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4100	U	4100	620
95-57-8	2-CHLOROPHENOL	1	4100	U	4100	620
541-73-1	1,3-DICHLOROBENZENE	1	4100	U	4100	620
106-46-7	1,4-DICHLOROBENZENE	1	4100	U	4100	620
95-50-1	1,2-DICHLOROBENZENE	1	4100	U	4100	620
100-51-6	BENZYL ALCOHOL	1	4100	U	4100	620
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4100	U	4100	740
95-48-7	2-METHYLPHENOL	1	4100	U	4100	620
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4100	U	4100	620
108-39-4	3+4-METHYLPHENOL	1	4100	U	4100	620
67-72-1	HEXACHLOROETHANE	1	4100	U	4100	620
98-95-3	NITROBENZENE	1	4100	U	4100	620
78-59-1	ISOPHORONE	1	4100	U	4100	620
88-75-5	2-NITROPHENOL	1	4100	U	4100	620
105-67-9	2,4-DIMETHYLPHENOL	1	4100	U	4100	620
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4100	U	4100	620
120-83-2	2,4-DICHLOROPHENOL	1	4100	U	4100	620
65-85-0	BENZOIC ACID	1	21000	U	21000	4300
120-82-1	1,2,4-TRICHLOROBENZENE	1	4100	U	4100	620
91-20-3	NAPHTHALENE	1	4100	U	4100	620
106-47-8	4-CHLOROANILINE	1	4100	U	4100	620
87-68-3	HEXACHLOROBUTADIENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4100	U	4100	620
91-57-6	2-METHYLNAPHTHALENE	1	4100	U	4100	620
90-12-0	1-METHYLNAPHTHALENE	1	4100	U	4100	620
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4100	U	4100	620
88-06-2	2,4,6-TRICHLOROPHENOL	1	4100	U	4100	620
95-95-4	2,4,5-TRICHLOROPHENOL	1	4100	U	4100	620
91-58-7	2-CHLORONAPHTHALENE	1	4100	U	4100	620
88-74-4	2-NITROANILINE	1	8200	U	8200	620
131-11-3	DIMETHYL PHTHALATE	1	4100	U	4100	620
606-20-2	2,6-DINITROTOLUENE	1	4100	U	4100	620
208-96-8	ACENAPHTHYLENE	1	4100	U	4100	620
99-09-2	3-NITROANILINE	1	8200	U	8200	620
83-32-9	ACENAPHTHENE	1	4100	U	4100	620
51-28-5	2,4-DINITROPHENOL	1	8200	U	8200	2500
100-02-7	4-NITROPHENOL	1	8200	U	8200	620
132-64-9	DIBENZOFURAN	1	4100	U	4100	620
121-14-2	2,4-DINITROTOLUENE	1	4100	U	4100	620
84-66-2	DIETHYL PHTHALATE	1	4100	U	4100	620
86-73-7	FLUORENE	1	4100	U	4100	620
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4100	U	4100	620
100-01-6	4-NITROANILINE	1	8200	U	8200	620
103-33-3	AZOBENZENE	1	4100	U	4100	620
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3700
86-30-6	N-NITROSODIPHENYLAMINE	1	4100	U	4100	620
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4100	U	4100	620
118-74-1	HEXACHLOROBENZENE	1	4100	U	4100	870

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4100	U	4100	990
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	620
85-01-8	PHENANTHRENE	1	4100	U	4100	620
120-12-7	ANTHRACENE	1	4100	U	4100	620
86-74-8	CARBAZOLE	1	4100	U	4100	620
84-74-2	DI-N-BUTYL PHTHALATE	1	4100	U	4100	620
206-44-0	FLUORANTHENE	1	4100	U	4100	620
129-00-0	PYRENE	1	4100	U	4100	620
85-68-7	BUTYL BENZYL PHTHALATE	1	4100	U	4100	620
56-55-3	BENZO(A)ANTHRACENE	1	4100	U	4100	620
91-94-1	3,3'-DICHLOROBENZIDINE	1	4100	U	4100	620
218-01-9	CHRYSENE	1	4100	U	4100	620
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6200	U	6200	620
117-84-0	DI-N-OCTYL PHTHALATE	1	6200	U	6200	620
205-99-2	BENZO(B)FLUORANTHENE	1	4100	U	4100	620
207-08-9	BENZO(K)FLUORANTHENE	1	4100	U	4100	620
50-32-8	BENZO(A)PYRENE	1	4100	U	4100	620
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4100	U	4100	870
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4100	U	4100	620
191-24-2	BENZO(G,H,I)PERYLENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1900		6180	31	25 - 127
321-60-8	2-FLUOROBIPHENYL	1390		4120	34	34 - 120
367-12-4	2-FLUOROPHENOL	1810	*	6180	29	38 - 120
4165-60-0	NITROBENZENE-D5	1420		4120	34	31 - 120
4165-62-2	PHENOL-D5	474	*	6180	8	45 - 120
1718-51-0	TERPHENYL-D14	1400	*	4120	34	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	60000	U	60000	12000
62-75-9	N-NITROSODIMETHYLAMINE	2	20000	U	20000	4200
62-53-3	ANILINE	2	20000	U	20000	3000
108-95-2	PHENOL	2	20000	U	20000	3000
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	20000	U	20000	3000
95-57-8	2-CHLOROPHENOL	2	20000	U	20000	3000
541-73-1	1,3-DICHLOROBENZENE	2	20000	U	20000	3000
106-46-7	1,4-DICHLOROBENZENE	2	20000	U	20000	3000
95-50-1	1,2-DICHLOROBENZENE	2	20000	U	20000	3000
100-51-6	BENZYL ALCOHOL	2	20000	U	20000	3000
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	20000	U	20000	3600
95-48-7	2-METHYLPHENOL	2	20000	U	20000	3000
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	20000	U	20000	3000
108-39-4	3+4-METHYLPHENOL	2	20000	U	20000	3000
67-72-1	HEXACHLOROETHANE	2	20000	U	20000	3000
98-95-3	NITROBENZENE	2	20000	U	20000	3000
78-59-1	ISOPHORONE	2	20000	U	20000	3000
88-75-5	2-NITROPHENOL	2	20000	U	20000	3000
105-67-9	2,4-DIMETHYLPHENOL	2	20000	U	20000	3000
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	20000	U	20000	3000
120-83-2	2,4-DICHLOROPHENOL	2	20000	U	20000	3000
65-85-0	BENZOIC ACID	2	100000	U	100000	21000
120-82-1	1,2,4-TRICHLOROBENZENE	2	20000	U	20000	3000
91-20-3	NAPHTHALENE	2	20000	U	20000	3000
106-47-8	4-CHLOROANILINE	2	20000	U	20000	3000
87-68-3	HEXACHLOROBUTADIENE	2	20000	U	20000	3000

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	20000	U	20000	3000
91-57-6	2-METHYLNAPHTHALENE	2	20000	U	20000	3000
90-12-0	1-METHYLNAPHTHALENE	2	20000	U	20000	3000
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	20000	U	20000	3000
88-06-2	2,4,6-TRICHLOROPHENOL	2	20000	U	20000	3000
95-95-4	2,4,5-TRICHLOROPHENOL	2	20000	U	20000	3000
91-58-7	2-CHLORONAPHTHALENE	2	20000	U	20000	3000
88-74-4	2-NITROANILINE	2	40000	U	40000	3000
131-11-3	DIMETHYL PHTHALATE	2	20000	U	20000	3000
606-20-2	2,6-DINITROTOLUENE	2	20000	U	20000	3000
208-96-8	ACENAPHTHYLENE	2	20000	U	20000	3000
99-09-2	3-NITROANILINE	2	40000	U	40000	3000
83-32-9	ACENAPHTHENE	2	20000	U	20000	3000
51-28-5	2,4-DINITROPHENOL	2	40000	U	40000	12000
100-02-7	4-NITROPHENOL	2	40000	U	40000	3000
132-64-9	DIBENZOFURAN	2	20000	U	20000	3000
121-14-2	2,4-DINITROTOLUENE	2	20000	U	20000	3000
84-66-2	DIETHYL PHTHALATE	2	20000	U	20000	3000
86-73-7	FLUORENE	2	20000	U	20000	3000
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	20000	U	20000	3000
100-01-6	4-NITROANILINE	2	40000	U	40000	3000
103-33-3	AZOBENZENE	2	20000	U	20000	3000
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	80000	U	80000	18000
86-30-6	N-NITROSODIPHENYLAMINE	2	20000	U	20000	3000
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	20000	U	20000	3000
118-74-1	HEXACHLOROBENZENE	2	20000	U	20000	4200

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	20000	U	20000	4800
87-86-5	PENTACHLOROPHENOL	2	80000	U	80000	3000
85-01-8	PHENANTHRENE	2	20000	U	20000	3000
120-12-7	ANTHRACENE	2	20000	U	20000	3000
86-74-8	CARBAZOLE	2	20000	U	20000	3000
84-74-2	DI-N-BUTYL PHTHALATE	2	20000	U	20000	3000
206-44-0	FLUORANTHENE	2	20000	U	20000	3000
129-00-0	PYRENE	2	20000	U	20000	3000
85-68-7	BUTYL BENZYL PHTHALATE	2	20000	U	20000	3000
56-55-3	BENZO(A)ANTHRACENE	2	20000	U	20000	3000
91-94-1	3,3'-DICHLOROBENZIDINE	2	20000	U	20000	3000
218-01-9	CHRYSENE	2	20000	U	20000	3000
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	30000	U	30000	3000
117-84-0	DI-N-OCTYL PHTHALATE	2	30000	U	30000	3000
205-99-2	BENZO(B)FLUORANTHENE	2	20000	U	20000	3000
207-08-9	BENZO(K)FLUORANTHENE	2	20000	U	20000	3000
50-32-8	BENZO(A)PYRENE	2	20000	U	20000	3000
193-39-5	INDENO(1,2,3-CD)PYRENE	2	20000	U	20000	4200
53-70-3	DIBENZO(A,H)ANTHRACENE	2	20000	U	20000	3000
191-24-2	BENZO(G,H,I)PERYLENE	2	20000	U	20000	3000

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	9030		15000	60	25 - 127
321-60-8	2-FLUOROBIPHENYL	6400		9970	64	34 - 120
367-12-4	2-FLUOROPHENOL	7350		15000	49	38 - 120
4165-60-0	NITROBENZENE-D5	6270		9970	63	31 - 120
4165-62-2	PHENOL-D5	7450		15000	50	45 - 120
1718-51-0	TERPHENYL-D14	6630		9970	67	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	66000	U	66000	13000
62-75-9	N-NITROSODIMETHYLAMINE	2	22000	U	22000	4600
62-53-3	ANILINE	2	22000	U	22000	3300
108-95-2	PHENOL	2	22000	U	22000	3300
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	22000	U	22000	3300
95-57-8	2-CHLOROPHENOL	2	22000	U	22000	3300
541-73-1	1,3-DICHLOROBENZENE	2	22000	U	22000	3300
106-46-7	1,4-DICHLOROBENZENE	2	22000	U	22000	3300
95-50-1	1,2-DICHLOROBENZENE	2	22000	U	22000	3300
100-51-6	BENZYL ALCOHOL	2	22000	U	22000	3300
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	22000	U	22000	4000
95-48-7	2-METHYLPHENOL	2	22000	U	22000	3300
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	22000	U	22000	3300
108-39-4	3+4-METHYLPHENOL	2	22000	U	22000	3300
67-72-1	HEXACHLOROETHANE	2	22000	U	22000	3300
98-95-3	NITROBENZENE	2	22000	U	22000	3300
78-59-1	ISOPHORONE	2	22000	U	22000	3300
88-75-5	2-NITROPHENOL	2	22000	U	22000	3300
105-67-9	2,4-DIMETHYLPHENOL	2	22000	U	22000	3300
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	22000	U	22000	3300
120-83-2	2,4-DICHLOROPHENOL	2	22000	U	22000	3300
65-85-0	BENZOIC ACID	2	110000	U	110000	23000
120-82-1	1,2,4-TRICHLOROBENZENE	2	22000	U	22000	3300
91-20-3	NAPHTHALENE	2	22000	U	22000	3300
106-47-8	4-CHLOROANILINE	2	22000	U	22000	3300
87-68-3	HEXACHLOROBUTADIENE	2	22000	U	22000	3300

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	22000	U	22000	3300
91-57-6	2-METHYLNAPHTHALENE	2	22000	U	22000	3300
90-12-0	1-METHYLNAPHTHALENE	2	22000	U	22000	3300
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	22000	U	22000	3300
88-06-2	2,4,6-TRICHLOROPHENOL	2	22000	U	22000	3300
95-95-4	2,4,5-TRICHLOROPHENOL	2	22000	U	22000	3300
91-58-7	2-CHLORONAPHTHALENE	2	22000	U	22000	3300
88-74-4	2-NITROANILINE	2	44000	U	44000	3300
131-11-3	DIMETHYL PHTHALATE	2	22000	U	22000	3300
606-20-2	2,6-DINITROTOLUENE	2	22000	U	22000	3300
208-96-8	ACENAPHTHYLENE	2	22000	U	22000	3300
99-09-2	3-NITROANILINE	2	44000	U	44000	3300
83-32-9	ACENAPHTHENE	2	22000	U	22000	3300
51-28-5	2,4-DINITROPHENOL	2	44000	U	44000	13000
100-02-7	4-NITROPHENOL	2	44000	U	44000	3300
132-64-9	DIBENZOFURAN	2	22000	U	22000	3300
121-14-2	2,4-DINITROTOLUENE	2	22000	U	22000	3300
84-66-2	DIETHYL PHTHALATE	2	22000	U	22000	3300
86-73-7	FLUORENE	2	22000	U	22000	3300
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	22000	U	22000	3300
100-01-6	4-NITROANILINE	2	44000	U	44000	3300
103-33-3	AZOBENZENE	2	22000	U	22000	3300
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	89000	U	89000	20000
86-30-6	N-NITROSODIPHENYLAMINE	2	22000	U	22000	3300
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	22000	U	22000	3300
118-74-1	HEXACHLOROBENZENE	2	22000	U	22000	4600

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	22000	U	22000	5300
87-86-5	PENTACHLOROPHENOL	2	89000	U	89000	3300
85-01-8	PHENANTHRENE	2	22000	U	22000	3300
120-12-7	ANTHRACENE	2	22000	U	22000	3300
86-74-8	CARBAZOLE	2	22000	U	22000	3300
84-74-2	DI-N-BUTYL PHTHALATE	2	22000	U	22000	3300
206-44-0	FLUORANTHENE	2	22000	U	22000	3300
129-00-0	PYRENE	2	22000	U	22000	3300
85-68-7	BUTYL BENZYL PHTHALATE	2	22000	U	22000	3300
56-55-3	BENZO(A)ANTHRACENE	2	22000	U	22000	3300
91-94-1	3,3'-DICHLOROBENZIDINE	2	22000	U	22000	3300
218-01-9	CHRYSENE	2	22000	U	22000	3300
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	33000	U	33000	3300
117-84-0	DI-N-OCTYL PHTHALATE	2	33000	U	33000	3300
205-99-2	BENZO(B)FLUORANTHENE	2	22000	U	22000	3300
207-08-9	BENZO(K)FLUORANTHENE	2	22000	U	22000	3300
50-32-8	BENZO(A)PYRENE	2	22000	U	22000	3300
193-39-5	INDENO(1,2,3-CD)PYRENE	2	22000	U	22000	4600
53-70-3	DIBENZO(A,H)ANTHRACENE	2	22000	U	22000	3300
191-24-2	BENZO(G,H,I)PERYLENE	2	22000	U	22000	3300

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	12800		16600	77	25 - 127
321-60-8	2-FLUOROBIPHENYL	7870		11100	71	34 - 120
367-12-4	2-FLUOROPHENOL	11400		16600	69	38 - 120
4165-60-0	NITROBENZENE-D5	7750		11100	70	31 - 120
4165-62-2	PHENOL-D5	11300		16600	68	45 - 120
1718-51-0	TERPHENYL-D14	8250		11100	75	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2400
62-75-9	N-NITROSODIMETHYLAMINE	1	4000	U	4000	830
62-53-3	ANILINE	1	4000	U	4000	600
108-95-2	PHENOL	1	4000	U	4000	600
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4000	U	4000	600
95-57-8	2-CHLOROPHENOL	1	4000	U	4000	600
541-73-1	1,3-DICHLOROBENZENE	1	4000	U	4000	600
106-46-7	1,4-DICHLOROBENZENE	1	4000	U	4000	600
95-50-1	1,2-DICHLOROBENZENE	1	4000	U	4000	600
100-51-6	BENZYL ALCOHOL	1	4000	U	4000	600
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4000	U	4000	710
95-48-7	2-METHYLPHENOL	1	4000	U	4000	600
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4000	U	4000	600
108-39-4	3+4-METHYLPHENOL	1	4000	U	4000	600
67-72-1	HEXACHLOROETHANE	1	4000	U	4000	600
98-95-3	NITROBENZENE	1	4000	U	4000	600
78-59-1	ISOPHORONE	1	4000	U	4000	600
88-75-5	2-NITROPHENOL	1	4000	U	4000	600
105-67-9	2,4-DIMETHYLPHENOL	1	4000	U	4000	600
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4000	U	4000	600
120-83-2	2,4-DICHLOROPHENOL	1	4000	U	4000	600
65-85-0	BENZOIC ACID	1	20000	U	20000	4200
120-82-1	1,2,4-TRICHLOROBENZENE	1	4000	U	4000	600
91-20-3	NAPHTHALENE	1	4000	U	4000	600
106-47-8	4-CHLOROANILINE	1	4000	U	4000	600
87-68-3	HEXACHLOROBUTADIENE	1	4000	U	4000	600

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4000	U	4000	600
91-57-6	2-METHYLNAPHTHALENE	1	4000	U	4000	600
90-12-0	1-METHYLNAPHTHALENE	1	4000	U	4000	600
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4000	U	4000	600
88-06-2	2,4,6-TRICHLOROPHENOL	1	4000	U	4000	600
95-95-4	2,4,5-TRICHLOROPHENOL	1	4000	U	4000	600
91-58-7	2-CHLORONAPHTHALENE	1	4000	U	4000	600
88-74-4	2-NITROANILINE	1	7900	U	7900	600
131-11-3	DIMETHYL PHTHALATE	1	4000	U	4000	600
606-20-2	2,6-DINITROTOLUENE	1	4000	U	4000	600
208-96-8	ACENAPHTHYLENE	1	4000	U	4000	600
99-09-2	3-NITROANILINE	1	7900	U	7900	600
83-32-9	ACENAPHTHENE	1	4000	U	4000	600
51-28-5	2,4-DINITROPHENOL	1	7900	U	7900	2400
100-02-7	4-NITROPHENOL	1	7900	U	7900	600
132-64-9	DIBENZOFURAN	1	4000	U	4000	600
121-14-2	2,4-DINITROTOLUENE	1	4000	U	4000	600
84-66-2	DIETHYL PHTHALATE	1	4000	U	4000	600
86-73-7	FLUORENE	1	4000	U	4000	600
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4000	U	4000	600
100-01-6	4-NITROANILINE	1	7900	U	7900	600
103-33-3	AZOBENZENE	1	4000	U	4000	600
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3600
86-30-6	N-NITROSODIPHENYLAMINE	1	4000	U	4000	600
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4000	U	4000	600
118-74-1	HEXACHLOROBENZENE	1	4000	U	4000	830

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4000	U	4000	950
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	600
85-01-8	PHENANTHRENE	1	4000	U	4000	600
120-12-7	ANTHRACENE	1	4000	U	4000	600
86-74-8	CARBAZOLE	1	4000	U	4000	600
84-74-2	DI-N-BUTYL PHTHALATE	1	4000	U	4000	600
206-44-0	FLUORANTHENE	1	4000	U	4000	600
129-00-0	PYRENE	1	4000	U	4000	600
85-68-7	BUTYL BENZYL PHTHALATE	1	4000	U	4000	600
56-55-3	BENZO(A)ANTHRACENE	1	4000	U	4000	600
91-94-1	3,3'-DICHLOROBENZIDINE	1	4000	U	4000	600
218-01-9	CHRYSENE	1	4000	U	4000	600
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6000	U	6000	600
117-84-0	DI-N-OCTYL PHTHALATE	1	6000	U	6000	600
205-99-2	BENZO(B)FLUORANTHENE	1	4000	U	4000	600
207-08-9	BENZO(K)FLUORANTHENE	1	4000	U	4000	600
50-32-8	BENZO(A)PYRENE	1	4000	U	4000	600
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4000	U	4000	830
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4000	U	4000	600
191-24-2	BENZO(G,H,I)PERYLENE	1	4000	U	4000	600

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1200	*	5950	20	25 - 127
321-60-8	2-FLUOROBIPHENYL	891	*	3970	22	34 - 120
367-12-4	2-FLUOROPHENOL	1120	*	5950	19	38 - 120
4165-60-0	NITROBENZENE-D5	943	*	3970	24	31 - 120
4165-62-2	PHENOL-D5	1110	*	5950	19	45 - 120
1718-51-0	TERPHENYL-D14	905	*	3970	23	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	11000	U	11000	2300
62-75-9	N-NITROSODIMETHYLAMINE	1	3800	U	3800	800
62-53-3	ANILINE	1	3800	U	3800	570
108-95-2	PHENOL	1	3800	U	3800	570
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3800	U	3800	570
95-57-8	2-CHLOROPHENOL	1	3800	U	3800	570
541-73-1	1,3-DICHLOROBENZENE	1	3800	U	3800	570
106-46-7	1,4-DICHLOROBENZENE	1	3800	U	3800	570
95-50-1	1,2-DICHLOROBENZENE	1	3800	U	3800	570
100-51-6	BENZYL ALCOHOL	1	3800	U	3800	570
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3800	U	3800	690
95-48-7	2-METHYLPHENOL	1	3800	U	3800	570
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3800	U	3800	570
108-39-4	3+4-METHYLPHENOL	1	3800	U	3800	570
67-72-1	HEXACHLOROETHANE	1	3800	U	3800	570
98-95-3	NITROBENZENE	1	3800	U	3800	570
78-59-1	ISOPHORONE	1	3800	U	3800	570
88-75-5	2-NITROPHENOL	1	3800	U	3800	570
105-67-9	2,4-DIMETHYLPHENOL	1	3800	U	3800	570
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3800	U	3800	570
120-83-2	2,4-DICHLOROPHENOL	1	3800	U	3800	570
65-85-0	BENZOIC ACID	1	19000	U	19000	4000
120-82-1	1,2,4-TRICHLOROBENZENE	1	3800	U	3800	570
91-20-3	NAPHTHALENE	1	3800	U	3800	570
106-47-8	4-CHLOROANILINE	1	3800	U	3800	570
87-68-3	HEXACHLOROBUTADIENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3800	U	3800	570
91-57-6	2-METHYLNAPHTHALENE	1	3800	U	3800	570
90-12-0	1-METHYLNAPHTHALENE	1	3800	U	3800	570
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3800	U	3800	570
88-06-2	2,4,6-TRICHLOROPHENOL	1	3800	U	3800	570
95-95-4	2,4,5-TRICHLOROPHENOL	1	3800	U	3800	570
91-58-7	2-CHLORONAPHTHALENE	1	3800	U	3800	570
88-74-4	2-NITROANILINE	1	7700	U	7700	570
131-11-3	DIMETHYL PHTHALATE	1	3800	U	3800	570
606-20-2	2,6-DINITROTOLUENE	1	3800	U	3800	570
208-96-8	ACENAPHTHYLENE	1	3800	U	3800	570
99-09-2	3-NITROANILINE	1	7700	U	7700	570
83-32-9	ACENAPHTHENE	1	3800	U	3800	570
51-28-5	2,4-DINITROPHENOL	1	7700	U	7700	2300
100-02-7	4-NITROPHENOL	1	7700	U	7700	570
132-64-9	DIBENZOFURAN	1	3800	U	3800	570
121-14-2	2,4-DINITROTOLUENE	1	3800	U	3800	570
84-66-2	DIETHYL PHTHALATE	1	3800	U	3800	570
86-73-7	FLUORENE	1	3800	U	3800	570
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3800	U	3800	570
100-01-6	4-NITROANILINE	1	7700	U	7700	570
103-33-3	AZOBENZENE	1	3800	U	3800	570
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	15000	U	15000	3400
86-30-6	N-NITROSODIPHENYLAMINE	1	3800	U	3800	570
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3800	U	3800	570
118-74-1	HEXACHLOROBENZENE	1	3800	U	3800	800

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3800	U	3800	920
87-86-5	PENTACHLOROPHENOL	1	15000	U	15000	570
85-01-8	PHENANTHRENE	1	3800	U	3800	570
120-12-7	ANTHRACENE	1	3800	U	3800	570
86-74-8	CARBAZOLE	1	3800	U	3800	570
84-74-2	DI-N-BUTYL PHTHALATE	1	3800	U	3800	570
206-44-0	FLUORANTHENE	1	3800	U	3800	570
129-00-0	PYRENE	1	3800	U	3800	570
85-68-7	BUTYL BENZYL PHTHALATE	1	3800	U	3800	570
56-55-3	BENZO(A)ANTHRACENE	1	3800	U	3800	570
91-94-1	3,3'-DICHLOROBENZIDINE	1	3800	U	3800	570
218-01-9	CHRYSENE	1	3800	U	3800	570
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5700	U	5700	570
117-84-0	DI-N-OCTYL PHTHALATE	1	5700	U	5700	570
205-99-2	BENZO(B)FLUORANTHENE	1	3800	U	3800	570
207-08-9	BENZO(K)FLUORANTHENE	1	3800	U	3800	570
50-32-8	BENZO(A)PYRENE	1	3800	U	3800	570
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3800	U	3800	800
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3800	U	3800	570
191-24-2	BENZO(G,H,I)PERYLENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1280	*	5740	22	25 - 127
321-60-8	2-FLUOROBIPHENYL	900	*	3830	24	34 - 120
367-12-4	2-FLUOROPHENOL	1240	*	5740	22	38 - 120
4165-60-0	NITROBENZENE-D5	936	*	3830	24	31 - 120
4165-62-2	PHENOL-D5	1270	*	5740	22	45 - 120
1718-51-0	TERPHENYL-D14	916	*	3830	24	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2200	U	2200	440
62-75-9	N-NITROSODIMETHYLAMINE	1	740	U	740	160
62-53-3	ANILINE	1	740	U	740	110
108-95-2	PHENOL	1	740	U	740	110
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	740	U	740	110
95-57-8	2-CHLOROPHENOL	1	740	U	740	110
541-73-1	1,3-DICHLOROBENZENE	1	740	U	740	110
106-46-7	1,4-DICHLOROBENZENE	1	740	U	740	110
95-50-1	1,2-DICHLOROBENZENE	1	740	U	740	110
100-51-6	BENZYL ALCOHOL	1	740	U	740	110
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	740	U	740	130
95-48-7	2-METHYLPHENOL	1	740	U	740	110
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	740	U	740	110
108-39-4	3+4-METHYLPHENOL	1	740	U	740	110
67-72-1	HEXACHLOROETHANE	1	740	U	740	110
98-95-3	NITROBENZENE	1	740	U	740	110
78-59-1	ISOPHORONE	1	740	U	740	110
88-75-5	2-NITROPHENOL	1	740	U	740	110
105-67-9	2,4-DIMETHYLPHENOL	1	740	U	740	110
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	740	U	740	110
120-83-2	2,4-DICHLOROPHENOL	1	740	U	740	110
65-85-0	BENZOIC ACID	1	3700	U	3700	780
120-82-1	1,2,4-TRICHLOROBENZENE	1	740	U	740	110
91-20-3	NAPHTHALENE	1	740	U	740	110
106-47-8	4-CHLOROANILINE	1	740	U	740	110
87-68-3	HEXACHLOROBUTADIENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	740	U	740	110
91-57-6	2-METHYLNAPHTHALENE	1	740	U	740	110
90-12-0	1-METHYLNAPHTHALENE	1	740	U	740	110
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	740	U	740	110
88-06-2	2,4,6-TRICHLOROPHENOL	1	740	U	740	110
95-95-4	2,4,5-TRICHLOROPHENOL	1	740	U	740	110
91-58-7	2-CHLORONAPHTHALENE	1	740	U	740	110
88-74-4	2-NITROANILINE	1	1500	U	1500	110
131-11-3	DIMETHYL PHTHALATE	1	740	U	740	110
606-20-2	2,6-DINITROTOLUENE	1	740	U	740	110
208-96-8	ACENAPHTHYLENE	1	740	U	740	110
99-09-2	3-NITROANILINE	1	1500	U	1500	110
83-32-9	ACENAPHTHENE	1	740	U	740	110
51-28-5	2,4-DINITROPHENOL	1	1500	U	1500	440
100-02-7	4-NITROPHENOL	1	1500	U	1500	110
132-64-9	DIBENZOFURAN	1	740	U	740	110
121-14-2	2,4-DINITROTOLUENE	1	740	U	740	110
84-66-2	DIETHYL PHTHALATE	1	740	U	740	110
86-73-7	FLUORENE	1	740	U	740	110
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	740	U	740	110
100-01-6	4-NITROANILINE	1	1500	U	1500	110
103-33-3	AZOBENZENE	1	740	U	740	110
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3000	U	3000	670
86-30-6	N-NITROSODIPHENYLAMINE	1	740	U	740	110
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	740	U	740	110
118-74-1	HEXACHLOROBENZENE	1	740	U	740	160

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	740	U	740	180
87-86-5	PENTACHLOROPHENOL	1	3000	U	3000	110
85-01-8	PHENANTHRENE	1	740	U	740	110
120-12-7	ANTHRACENE	1	740	U	740	110
86-74-8	CARBAZOLE	1	740	U	740	110
84-74-2	DI-N-BUTYL PHTHALATE	1	740	U	740	110
206-44-0	FLUORANTHENE	1	740	U	740	110
129-00-0	PYRENE	1	740	U	740	110
85-68-7	BUTYL BENZYL PHTHALATE	1	740	U	740	110
56-55-3	BENZO(A)ANTHRACENE	1	740	U	740	110
91-94-1	3,3'-DICHLOROBENZIDINE	1	740	U	740	110
218-01-9	CHRYSENE	1	740	U	740	110
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	260	JB	1100	110
117-84-0	DI-N-OCTYL PHTHALATE	1	1100	U	1100	110
205-99-2	BENZO(B)FLUORANTHENE	1	740	U	740	110
207-08-9	BENZO(K)FLUORANTHENE	1	740	U	740	110
50-32-8	BENZO(A)PYRENE	1	740	U	740	110
193-39-5	INDENO(1,2,3-CD)PYRENE	1	740	U	740	160
53-70-3	DIBENZO(A,H)ANTHRACENE	1	740	U	740	110
191-24-2	BENZO(G,H,I)PERYLENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2230		5550	40	25 - 127
321-60-8	2-FLUOROBIPHENYL	1380		3700	37	34 - 120
367-12-4	2-FLUOROPHENOL	2250		5550	41	38 - 120
4165-60-0	NITROBENZENE-D5	1420		3700	38	31 - 120
4165-62-2	PHENOL-D5	2240	*	5550	40	45 - 120
1718-51-0	TERPHENYL-D14	1460		3700	40	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7000	U	7000	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	490
62-53-3	ANILINE	1	2300	U	2300	350
108-95-2	PHENOL	1	2300	U	2300	350
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	350
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	350
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	350
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	350
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	350
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	350
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	420
95-48-7	2-METHYLPHENOL	1	2300	U	2300	350
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2300	U	2300	350
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	350
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	350
98-95-3	NITROBENZENE	1	2300	U	2300	350
78-59-1	ISOPHORONE	1	2300	U	2300	350
88-75-5	2-NITROPHENOL	1	2300	U	2300	350
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	350
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	350
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	350
65-85-0	BENZOIC ACID	1	12000	U	12000	2400
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	350
91-20-3	NAPHTHALENE	1	2300	U	2300	350
106-47-8	4-CHLOROANILINE	1	2300	U	2300	350
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	350
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	350
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	350
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	350
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	350
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	350
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	350
88-74-4	2-NITROANILINE	1	4700	U	4700	350
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	350
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	350
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	350
99-09-2	3-NITROANILINE	1	4700	U	4700	350
83-32-9	ACENAPHTHENE	1	2300	U	2300	350
51-28-5	2,4-DINITROPHENOL	1	4700	U	4700	1400
100-02-7	4-NITROPHENOL	1	4700	U	4700	350
132-64-9	DIBENZOFURAN	1	2300	U	2300	350
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	350
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	350
86-73-7	FLUORENE	1	2300	U	2300	350
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	350
100-01-6	4-NITROANILINE	1	4700	U	4700	350
103-33-3	AZOBENZENE	1	2300	U	2300	350
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9300	U	9300	2100
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	350
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	350
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	490

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	560
87-86-5	PENTACHLOROPHENOL	1	9300	U	9300	350
85-01-8	PHENANTHRENE	1	2300	U	2300	350
120-12-7	ANTHRACENE	1	2300	U	2300	350
86-74-8	CARBAZOLE	1	2300	U	2300	350
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	350
206-44-0	FLUORANTHENE	1	2300	U	2300	350
129-00-0	PYRENE	1	2300	U	2300	350
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	350
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	350
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	350
218-01-9	CHRYSENE	1	2300	U	2300	350
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	850	J	3500	350
117-84-0	DI-N-OCTYL PHTHALATE	1	3500	U	3500	350
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	350
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	350
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	350
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	490
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	350
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14200		17500	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	9020		11600	77	34 - 120
367-12-4	2-FLUOROPHENOL	13700		17500	78	38 - 120
4165-60-0	NITROBENZENE-D5	8470		11600	73	31 - 120
4165-62-2	PHENOL-D5	14600		17500	83	45 - 120
1718-51-0	TERPHENYL-D14	9540		11600	82	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2300	U	2300	470
62-75-9	N-NITROSODIMETHYLAMINE	1	780	U	780	160
62-53-3	ANILINE	1	780	U	780	120
108-95-2	PHENOL	1	780	U	780	120
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	780	U	780	120
95-57-8	2-CHLOROPHENOL	1	780	U	780	120
541-73-1	1,3-DICHLOROBENZENE	1	780	U	780	120
106-46-7	1,4-DICHLOROBENZENE	1	780	U	780	120
95-50-1	1,2-DICHLOROBENZENE	1	780	U	780	120
100-51-6	BENZYL ALCOHOL	1	780	U	780	120
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	780	U	780	140
95-48-7	2-METHYLPHENOL	1	780	U	780	120
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	780	U	780	120
108-39-4	3+4-METHYLPHENOL	1	780	U	780	120
67-72-1	HEXACHLOROETHANE	1	780	U	780	120
98-95-3	NITROBENZENE	1	780	U	780	120
78-59-1	ISOPHORONE	1	780	U	780	120
88-75-5	2-NITROPHENOL	1	780	U	780	120
105-67-9	2,4-DIMETHYLPHENOL	1	780	U	780	120
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	780	U	780	120
120-83-2	2,4-DICHLOROPHENOL	1	780	U	780	120
65-85-0	BENZOIC ACID	1	3900	U	3900	820
120-82-1	1,2,4-TRICHLOROBENZENE	1	780	U	780	120
91-20-3	NAPHTHALENE	1	780	U	780	120
106-47-8	4-CHLOROANILINE	1	780	U	780	120
87-68-3	HEXACHLOROBUTADIENE	1	780	U	780	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	780	U	780	120
91-57-6	2-METHYLNAPHTHALENE	1	240	J	780	120
90-12-0	1-METHYLNAPHTHALENE	1	340	J	780	120
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	780	U	780	120
88-06-2	2,4,6-TRICHLOROPHENOL	1	780	U	780	120
95-95-4	2,4,5-TRICHLOROPHENOL	1	780	U	780	120
91-58-7	2-CHLORONAPHTHALENE	1	780	U	780	120
88-74-4	2-NITROANILINE	1	1600	U	1600	120
131-11-3	DIMETHYL PHTHALATE	1	780	U	780	120
606-20-2	2,6-DINITROTOLUENE	1	780	U	780	120
208-96-8	ACENAPHTHYLENE	1	780	U	780	120
99-09-2	3-NITROANILINE	1	1600	U	1600	120
83-32-9	ACENAPHTHENE	1	780	U	780	120
51-28-5	2,4-DINITROPHENOL	1	1600	U	1600	470
100-02-7	4-NITROPHENOL	1	1600	U	1600	120
132-64-9	DIBENZOFURAN	1	780	U	780	120
121-14-2	2,4-DINITROTOLUENE	1	780	U	780	120
84-66-2	DIETHYL PHTHALATE	1	780	U	780	120
86-73-7	FLUORENE	1	780	U	780	120
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	780	U	780	120
100-01-6	4-NITROANILINE	1	1600	U	1600	120
103-33-3	AZOBENZENE	1	780	U	780	120
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3100	U	3100	700
86-30-6	N-NITROSODIPHENYLAMINE	1	780	U	780	120
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	780	U	780	120
118-74-1	HEXACHLOROBENZENE	1	780	U	780	160

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	780	U	780	190
87-86-5	PENTACHLOROPHENOL	1	3100	U	3100	120
85-01-8	PHENANTHRENE	1	780	U	780	120
120-12-7	ANTHRACENE	1	780	U	780	120
86-74-8	CARBAZOLE	1	780	U	780	120
84-74-2	DI-N-BUTYL PHTHALATE	1	780	U	780	120
206-44-0	FLUORANTHENE	1	780	U	780	120
129-00-0	PYRENE	1	780	U	780	120
85-68-7	BUTYL BENZYL PHTHALATE	1	780	U	780	120
56-55-3	BENZO(A)ANTHRACENE	1	780	U	780	120
91-94-1	3,3'-DICHLOROBENZIDINE	1	780	U	780	120
218-01-9	CHRYSENE	1	780	U	780	120
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	260	JB	1200	120
117-84-0	DI-N-OCTYL PHTHALATE	1	1200	U	1200	120
205-99-2	BENZO(B)FLUORANTHENE	1	780	U	780	120
207-08-9	BENZO(K)FLUORANTHENE	1	780	U	780	120
50-32-8	BENZO(A)PYRENE	1	780	U	780	120
193-39-5	INDENO(1,2,3-CD)PYRENE	1	780	U	780	160
53-70-3	DIBENZO(A,H)ANTHRACENE	1	780	U	780	120
191-24-2	BENZO(G,H,I)PERYLENE	1	780	U	780	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1960		5850	34	25 - 127
321-60-8	2-FLUOROBIPHENYL	1220	*	3900	31	34 - 120
367-12-4	2-FLUOROPHENOL	1940	*	5850	33	38 - 120
4165-60-0	NITROBENZENE-D5	1260		3900	32	31 - 120
4165-62-2	PHENOL-D5	1970	*	5850	34	45 - 120
1718-51-0	TERPHENYL-D14	1270	*	3900	33	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	11000	U	11000	2200
62-75-9	N-NITROSODIMETHYLAMINE	1	3600	U	3600	760
62-53-3	ANILINE	1	3600	U	3600	550
108-95-2	PHENOL	1	3600	U	3600	550
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3600	U	3600	550
95-57-8	2-CHLOROPHENOL	1	3600	U	3600	550
541-73-1	1,3-DICHLOROBENZENE	1	3600	U	3600	550
106-46-7	1,4-DICHLOROBENZENE	1	3600	U	3600	550
95-50-1	1,2-DICHLOROBENZENE	1	3600	U	3600	550
100-51-6	BENZYL ALCOHOL	1	3600	U	3600	550
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3600	U	3600	650
95-48-7	2-METHYLPHENOL	1	3600	U	3600	550
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3600	U	3600	550
108-39-4	3+4-METHYLPHENOL	1	3600	U	3600	550
67-72-1	HEXACHLOROETHANE	1	3600	U	3600	550
98-95-3	NITROBENZENE	1	3600	U	3600	550
78-59-1	ISOPHORONE	1	3600	U	3600	550
88-75-5	2-NITROPHENOL	1	3600	U	3600	550
105-67-9	2,4-DIMETHYLPHENOL	1	3600	U	3600	550
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3600	U	3600	550
120-83-2	2,4-DICHLOROPHENOL	1	3600	U	3600	550
65-85-0	BENZOIC ACID	1	18000	U	18000	3800
120-82-1	1,2,4-TRICHLOROBENZENE	1	3600	U	3600	550
91-20-3	NAPHTHALENE	1	1200	J	3600	550
106-47-8	4-CHLOROANILINE	1	3600	U	3600	550
87-68-3	HEXACHLOROBUTADIENE	1	3600	U	3600	550

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3600	U	3600	550
91-57-6	2-METHYLNAPHTHALENE	1	2600	J	3600	550
90-12-0	1-METHYLNAPHTHALENE	1	3700		3600	550
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3600	U	3600	550
88-06-2	2,4,6-TRICHLOROPHENOL	1	3600	U	3600	550
95-95-4	2,4,5-TRICHLOROPHENOL	1	3600	U	3600	550
91-58-7	2-CHLORONAPHTHALENE	1	3600	U	3600	550
88-74-4	2-NITROANILINE	1	7300	U	7300	550
131-11-3	DIMETHYL PHTHALATE	1	3600	U	3600	550
606-20-2	2,6-DINITROTOLUENE	1	3600	U	3600	550
208-96-8	ACENAPHTHYLENE	1	3600	U	3600	550
99-09-2	3-NITROANILINE	1	7300	U	7300	550
83-32-9	ACENAPHTHENE	1	3600	U	3600	550
51-28-5	2,4-DINITROPHENOL	1	7300	U	7300	2200
100-02-7	4-NITROPHENOL	1	7300	U	7300	550
132-64-9	DIBENZOFURAN	1	3600	U	3600	550
121-14-2	2,4-DINITROTOLUENE	1	3600	U	3600	550
84-66-2	DIETHYL PHTHALATE	1	3600	U	3600	550
86-73-7	FLUORENE	1	3600	U	3600	550
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3600	U	3600	550
100-01-6	4-NITROANILINE	1	7300	U	7300	550
103-33-3	AZOBENZENE	1	3600	U	3600	550
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	15000	U	15000	3300
86-30-6	N-NITROSODIPHENYLAMINE	1	3600	U	3600	550
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3600	U	3600	550
118-74-1	HEXACHLOROBENZENE	1	3600	U	3600	760

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3600	U	3600	870
87-86-5	PENTACHLOROPHENOL	1	15000	U	15000	550
85-01-8	PHENANTHRENE	1	1900	J	3600	550
120-12-7	ANTHRACENE	1	3600	U	3600	550
86-74-8	CARBAZOLE	1	3600	U	3600	550
84-74-2	DI-N-BUTYL PHTHALATE	1	3600	U	3600	550
206-44-0	FLUORANTHENE	1	1200	J	3600	550
129-00-0	PYRENE	1	3600	U	3600	550
85-68-7	BUTYL BENZYL PHTHALATE	1	3600	U	3600	550
56-55-3	BENZO(A)ANTHRACENE	1	3600	U	3600	550
91-94-1	3,3'-DICHLOROBENZIDINE	1	3600	U	3600	550
218-01-9	CHRYSENE	1	3600	U	3600	550
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5500	U	5500	550
117-84-0	DI-N-OCTYL PHTHALATE	1	5500	U	5500	550
205-99-2	BENZO(B)FLUORANTHENE	1	3600	U	3600	550
207-08-9	BENZO(K)FLUORANTHENE	1	3600	U	3600	550
50-32-8	BENZO(A)PYRENE	1	3600	U	3600	550
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3600	U	3600	760
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3600	U	3600	550
191-24-2	BENZO(G,H,I)PERYLENE	1	3600	U	3600	550

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3610		5450	66	25 - 127
321-60-8	2-FLUOROBIPHENYL	2380		3630	66	34 - 120
367-12-4	2-FLUOROPHENOL	3590		5450	66	38 - 120
4165-60-0	NITROBENZENE-D5	2550		3630	70	31 - 120
4165-62-2	PHENOL-D5	3520		5450	65	45 - 120
1718-51-0	TERPHENYL-D14	2430		3630	67	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2400	U	2400	470
62-75-9	N-NITROSODIMETHYLAMINE	1	790	U	790	170
62-53-3	ANILINE	1	790	U	790	120
108-95-2	PHENOL	1	790	U	790	120
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	790	U	790	120
95-57-8	2-CHLOROPHENOL	1	790	U	790	120
541-73-1	1,3-DICHLOROBENZENE	1	790	U	790	120
106-46-7	1,4-DICHLOROBENZENE	1	790	U	790	120
95-50-1	1,2-DICHLOROBENZENE	1	790	U	790	120
100-51-6	BENZYL ALCOHOL	1	790	U	790	120
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	790	U	790	140
95-48-7	2-METHYLPHENOL	1	790	U	790	120
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	790	U	790	120
108-39-4	3+4-METHYLPHENOL	1	790	U	790	120
67-72-1	HEXACHLOROETHANE	1	790	U	790	120
98-95-3	NITROBENZENE	1	790	U	790	120
78-59-1	ISOPHORONE	1	790	U	790	120
88-75-5	2-NITROPHENOL	1	790	U	790	120
105-67-9	2,4-DIMETHYLPHENOL	1	790	U	790	120
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	790	U	790	120
120-83-2	2,4-DICHLOROPHENOL	1	790	U	790	120
65-85-0	BENZOIC ACID	1	3900	U	3900	830
120-82-1	1,2,4-TRICHLOROBENZENE	1	790	U	790	120
91-20-3	NAPHTHALENE	1	790	U	790	120
106-47-8	4-CHLOROANILINE	1	790	U	790	120
87-68-3	HEXACHLOROBUTADIENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	790	U	790	120
91-57-6	2-METHYLNAPHTHALENE	1	790	U	790	120
90-12-0	1-METHYLNAPHTHALENE	1	790	U	790	120
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	790	U	790	120
88-06-2	2,4,6-TRICHLOROPHENOL	1	790	U	790	120
95-95-4	2,4,5-TRICHLOROPHENOL	1	790	U	790	120
91-58-7	2-CHLORONAPHTHALENE	1	790	U	790	120
88-74-4	2-NITROANILINE	1	1600	U	1600	120
131-11-3	DIMETHYL PHTHALATE	1	790	U	790	120
606-20-2	2,6-DINITROTOLUENE	1	790	U	790	120
208-96-8	ACENAPHTHYLENE	1	790	U	790	120
99-09-2	3-NITROANILINE	1	1600	U	1600	120
83-32-9	ACENAPHTHENE	1	790	U	790	120
51-28-5	2,4-DINITROPHENOL	1	1600	U	1600	470
100-02-7	4-NITROPHENOL	1	1600	U	1600	120
132-64-9	DIBENZOFURAN	1	790	U	790	120
121-14-2	2,4-DINITROTOLUENE	1	790	U	790	120
84-66-2	DIETHYL PHTHALATE	1	790	U	790	120
86-73-7	FLUORENE	1	790	U	790	120
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	790	U	790	120
100-01-6	4-NITROANILINE	1	1600	U	1600	120
103-33-3	AZOBENZENE	1	790	U	790	120
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3200	U	3200	710
86-30-6	N-NITROSODIPHENYLAMINE	1	790	U	790	120
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	790	U	790	120
118-74-1	HEXACHLOROBENZENE	1	790	U	790	170

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	790	U	790	190
87-86-5	PENTACHLOROPHENOL	1	3200	U	3200	120
85-01-8	PHENANTHRENE	1	790	U	790	120
120-12-7	ANTHRACENE	1	790	U	790	120
86-74-8	CARBAZOLE	1	790	U	790	120
84-74-2	DI-N-BUTYL PHTHALATE	1	790	U	790	120
206-44-0	FLUORANTHENE	1	790	U	790	120
129-00-0	PYRENE	1	790	U	790	120
85-68-7	BUTYL BENZYL PHTHALATE	1	790	U	790	120
56-55-3	BENZO(A)ANTHRACENE	1	790	U	790	120
91-94-1	3,3'-DICHLOROBENZIDINE	1	790	U	790	120
218-01-9	CHRYSENE	1	790	U	790	120
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	270	JB	1200	120
117-84-0	DI-N-OCTYL PHTHALATE	1	1200	U	1200	120
205-99-2	BENZO(B)FLUORANTHENE	1	790	U	790	120
207-08-9	BENZO(K)FLUORANTHENE	1	790	U	790	120
50-32-8	BENZO(A)PYRENE	1	790	U	790	120
193-39-5	INDENO(1,2,3-CD)PYRENE	1	790	U	790	170
53-70-3	DIBENZO(A,H)ANTHRACENE	1	790	U	790	120
191-24-2	BENZO(G,H,I)PERYLENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2850		5910	48	25 - 127
321-60-8	2-FLUOROBIPHENYL	1820		3940	46	34 - 120
367-12-4	2-FLUOROPHENOL	2940		5910	50	38 - 120
4165-60-0	NITROBENZENE-D5	1800		3940	46	31 - 120
4165-62-2	PHENOL-D5	2980		5910	51	45 - 120
1718-51-0	TERPHENYL-D14	1870		3940	48	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2200	U	2200	450
62-75-9	N-NITROSODIMETHYLAMINE	1	740	U	740	160
62-53-3	ANILINE	1	740	U	740	110
108-95-2	PHENOL	1	740	U	740	110
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	740	U	740	110
95-57-8	2-CHLOROPHENOL	1	740	U	740	110
541-73-1	1,3-DICHLOROBENZENE	1	740	U	740	110
106-46-7	1,4-DICHLOROBENZENE	1	740	U	740	110
95-50-1	1,2-DICHLOROBENZENE	1	740	U	740	110
100-51-6	BENZYL ALCOHOL	1	740	U	740	110
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	740	U	740	130
95-48-7	2-METHYLPHENOL	1	740	U	740	110
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	740	U	740	110
108-39-4	3+4-METHYLPHENOL	1	740	U	740	110
67-72-1	HEXACHLOROETHANE	1	740	U	740	110
98-95-3	NITROBENZENE	1	740	U	740	110
78-59-1	ISOPHORONE	1	740	U	740	110
88-75-5	2-NITROPHENOL	1	740	U	740	110
105-67-9	2,4-DIMETHYLPHENOL	1	740	U	740	110
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	740	U	740	110
120-83-2	2,4-DICHLOROPHENOL	1	740	U	740	110
65-85-0	BENZOIC ACID	1	3700	U	3700	780
120-82-1	1,2,4-TRICHLOROBENZENE	1	740	U	740	110
91-20-3	NAPHTHALENE	1	740	U	740	110
106-47-8	4-CHLOROANILINE	1	740	U	740	110
87-68-3	HEXACHLOROBUTADIENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	740	U	740	110
91-57-6	2-METHYLNAPHTHALENE	1	740	U	740	110
90-12-0	1-METHYLNAPHTHALENE	1	740	U	740	110
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	740	U	740	110
88-06-2	2,4,6-TRICHLOROPHENOL	1	740	U	740	110
95-95-4	2,4,5-TRICHLOROPHENOL	1	740	U	740	110
91-58-7	2-CHLORONAPHTHALENE	1	740	U	740	110
88-74-4	2-NITROANILINE	1	1500	U	1500	110
131-11-3	DIMETHYL PHTHALATE	1	740	U	740	110
606-20-2	2,6-DINITROTOLUENE	1	740	U	740	110
208-96-8	ACENAPHTHYLENE	1	740	U	740	110
99-09-2	3-NITROANILINE	1	1500	U	1500	110
83-32-9	ACENAPHTHENE	1	740	U	740	110
51-28-5	2,4-DINITROPHENOL	1	1500	U	1500	450
100-02-7	4-NITROPHENOL	1	1500	U	1500	110
132-64-9	DIBENZOFURAN	1	740	U	740	110
121-14-2	2,4-DINITROTOLUENE	1	740	U	740	110
84-66-2	DIETHYL PHTHALATE	1	740	U	740	110
86-73-7	FLUORENE	1	740	U	740	110
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	740	U	740	110
100-01-6	4-NITROANILINE	1	1500	U	1500	110
103-33-3	AZOBENZENE	1	740	U	740	110
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3000	U	3000	670
86-30-6	N-NITROSODIPHENYLAMINE	1	740	U	740	110
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	740	U	740	110
118-74-1	HEXACHLOROBENZENE	1	740	U	740	160

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	740	U	740	180
87-86-5	PENTACHLOROPHENOL	1	3000	U	3000	110
85-01-8	PHENANTHRENE	1	740	U	740	110
120-12-7	ANTHRACENE	1	740	U	740	110
86-74-8	CARBAZOLE	1	740	U	740	110
84-74-2	DI-N-BUTYL PHTHALATE	1	740	U	740	110
206-44-0	FLUORANTHENE	1	740	U	740	110
129-00-0	PYRENE	1	740	U	740	110
85-68-7	BUTYL BENZYL PHTHALATE	1	740	U	740	110
56-55-3	BENZO(A)ANTHRACENE	1	740	U	740	110
91-94-1	3,3'-DICHLOROBENZIDINE	1	740	U	740	110
218-01-9	CHRYSENE	1	740	U	740	110
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	220	JB	1100	110
117-84-0	DI-N-OCTYL PHTHALATE	1	1100	U	1100	110
205-99-2	BENZO(B)FLUORANTHENE	1	740	U	740	110
207-08-9	BENZO(K)FLUORANTHENE	1	740	U	740	110
50-32-8	BENZO(A)PYRENE	1	740	U	740	110
193-39-5	INDENO(1,2,3-CD)PYRENE	1	740	U	740	160
53-70-3	DIBENZO(A,H)ANTHRACENE	1	740	U	740	110
191-24-2	BENZO(G,H,I)PERYLENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2330		5570	42	25 - 127
321-60-8	2-FLUOROBIPHENYL	1460		3720	39	34 - 120
367-12-4	2-FLUOROPHENOL	2310		5570	41	38 - 120
4165-60-0	NITROBENZENE-D5	1430		3720	39	31 - 120
4165-62-2	PHENOL-D5	2350	*	5570	42	45 - 120
1718-51-0	TERPHENYL-D14	1500		3720	40	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2400
62-75-9	N-NITROSODIMETHYLAMINE	1	3900	U	3900	830
62-53-3	ANILINE	1	3900	U	3900	590
108-95-2	PHENOL	1	3900	U	3900	590
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3900	U	3900	590
95-57-8	2-CHLOROPHENOL	1	3900	U	3900	590
541-73-1	1,3-DICHLOROBENZENE	1	3900	U	3900	590
106-46-7	1,4-DICHLOROBENZENE	1	3900	U	3900	590
95-50-1	1,2-DICHLOROBENZENE	1	3900	U	3900	590
100-51-6	BENZYL ALCOHOL	1	3900	U	3900	590
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3900	U	3900	710
95-48-7	2-METHYLPHENOL	1	3900	U	3900	590
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3900	U	3900	590
108-39-4	3+4-METHYLPHENOL	1	3900	U	3900	590
67-72-1	HEXACHLOROETHANE	1	3900	U	3900	590
98-95-3	NITROBENZENE	1	3900	U	3900	590
78-59-1	ISOPHORONE	1	3900	U	3900	590
88-75-5	2-NITROPHENOL	1	3900	U	3900	590
105-67-9	2,4-DIMETHYLPHENOL	1	3900	U	3900	590
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3900	U	3900	590
120-83-2	2,4-DICHLOROPHENOL	1	3900	U	3900	590
65-85-0	BENZOIC ACID	1	20000	U	20000	4100
120-82-1	1,2,4-TRICHLOROBENZENE	1	3900	U	3900	590
91-20-3	NAPHTHALENE	1	780	U	3900	590
106-47-8	4-CHLOROANILINE	1	3900	U	3900	590
87-68-3	HEXACHLOROBUTADIENE	1	3900	U	3900	590

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3900	U	3900	590
91-57-6	2-METHYLNAPHTHALENE	1	1700	J	3900	590
90-12-0	1-METHYLNAPHTHALENE	1	2600	J	3900	590
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3900	U	3900	590
88-06-2	2,4,6-TRICHLOROPHENOL	1	3900	U	3900	590
95-95-4	2,4,5-TRICHLOROPHENOL	1	3900	U	3900	590
91-58-7	2-CHLORONAPHTHALENE	1	3900	U	3900	590
88-74-4	2-NITROANILINE	1	7900	U	7900	590
131-11-3	DIMETHYL PHTHALATE	1	3900	U	3900	590
606-20-2	2,6-DINITROTOLUENE	1	3900	U	3900	590
208-96-8	ACENAPHTHYLENE	1	3900	U	3900	590
99-09-2	3-NITROANILINE	1	7900	U	7900	590
83-32-9	ACENAPHTHENE	1	3900	U	3900	590
51-28-5	2,4-DINITROPHENOL	1	7900	U	7900	2400
100-02-7	4-NITROPHENOL	1	7900	U	7900	590
132-64-9	DIBENZOFURAN	1	3900	U	3900	590
121-14-2	2,4-DINITROTOLUENE	1	3900	U	3900	590
84-66-2	DIETHYL PHTHALATE	1	3900	U	3900	590
86-73-7	FLUORENE	1	3900	U	3900	590
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3900	U	3900	590
100-01-6	4-NITROANILINE	1	7900	U	7900	590
103-33-3	AZOBENZENE	1	3900	U	3900	590
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3600
86-30-6	N-NITROSODIPHENYLAMINE	1	3900	U	3900	590
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3900	U	3900	590
118-74-1	HEXACHLOROBENZENE	1	3900	U	3900	830

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3900	U	3900	950
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	590
85-01-8	PHENANTHRENE	1	1400	J	3900	590
120-12-7	ANTHRACENE	1	3900	U	3900	590
86-74-8	CARBAZOLE	1	3900	U	3900	590
84-74-2	DI-N-BUTYL PHTHALATE	1	3900	U	3900	590
206-44-0	FLUORANTHENE	1	3900	U	3900	590
129-00-0	PYRENE	1	3900	U	3900	590
85-68-7	BUTYL BENZYL PHTHALATE	1	3900	U	3900	590
56-55-3	BENZO(A)ANTHRACENE	1	3900	U	3900	590
91-94-1	3,3'-DICHLOROBENZIDINE	1	3900	U	3900	590
218-01-9	CHRYSENE	1	3900	U	3900	590
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5900	U	5900	590
117-84-0	DI-N-OCTYL PHTHALATE	1	5900	U	5900	590
205-99-2	BENZO(B)FLUORANTHENE	1	3900	U	3900	590
207-08-9	BENZO(K)FLUORANTHENE	1	3900	U	3900	590
50-32-8	BENZO(A)PYRENE	1	3900	U	3900	590
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3900	U	3900	830
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3900	U	3900	590
191-24-2	BENZO(G,H,I)PERYLENE	1	3900	U	3900	590

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4800		5920	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	3170		3950	80	34 - 120
367-12-4	2-FLUOROPHENOL	4910		5920	83	38 - 120
4165-60-0	NITROBENZENE-D5	3300		3950	84	31 - 120
4165-62-2	PHENOL-D5	4970		5920	84	45 - 120
1718-51-0	TERPHENYL-D14	3250		3950	82	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2300
62-75-9	N-NITROSODIMETHYLAMINE	1	3900	U	3900	820
62-53-3	ANILINE	1	3900	U	3900	580
108-95-2	PHENOL	1	3900	U	3900	580
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3900	U	3900	580
95-57-8	2-CHLOROPHENOL	1	3900	U	3900	580
541-73-1	1,3-DICHLOROBENZENE	1	3900	U	3900	580
106-46-7	1,4-DICHLOROBENZENE	1	3900	U	3900	580
95-50-1	1,2-DICHLOROBENZENE	1	3900	U	3900	580
100-51-6	BENZYL ALCOHOL	1	3900	U	3900	580
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3900	U	3900	700
95-48-7	2-METHYLPHENOL	1	3900	U	3900	580
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3900	U	3900	580
108-39-4	3+4-METHYLPHENOL	1	3900	U	3900	580
67-72-1	HEXACHLOROETHANE	1	3900	U	3900	580
98-95-3	NITROBENZENE	1	3900	U	3900	580
78-59-1	ISOPHORONE	1	3900	U	3900	580
88-75-5	2-NITROPHENOL	1	3900	U	3900	580
105-67-9	2,4-DIMETHYLPHENOL	1	3900	U	3900	580
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3900	U	3900	580
120-83-2	2,4-DICHLOROPHENOL	1	3900	U	3900	580
65-85-0	BENZOIC ACID	1	19000	U	19000	4100
120-82-1	1,2,4-TRICHLOROBENZENE	1	3900	U	3900	580
91-20-3	NAPHTHALENE	1	3900	U	3900	580
106-47-8	4-CHLOROANILINE	1	3900	U	3900	580
87-68-3	HEXACHLOROBUTADIENE	1	3900	U	3900	580

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3900	U	3900	580
91-57-6	2-METHYLNAPHTHALENE	1	3900	U	3900	580
90-12-0	1-METHYLNAPHTHALENE	1	3900	U	3900	580
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3900	U	3900	580
88-06-2	2,4,6-TRICHLOROPHENOL	1	3900	U	3900	580
95-95-4	2,4,5-TRICHLOROPHENOL	1	3900	U	3900	580
91-58-7	2-CHLORONAPHTHALENE	1	3900	U	3900	580
88-74-4	2-NITROANILINE	1	7800	U	7800	580
131-11-3	DIMETHYL PHTHALATE	1	3900	U	3900	580
606-20-2	2,6-DINITROTOLUENE	1	3900	U	3900	580
208-96-8	ACENAPHTHYLENE	1	3900	U	3900	580
99-09-2	3-NITROANILINE	1	7800	U	7800	580
83-32-9	ACENAPHTHENE	1	3900	U	3900	580
51-28-5	2,4-DINITROPHENOL	1	7800	U	7800	2300
100-02-7	4-NITROPHENOL	1	7800	U	7800	580
132-64-9	DIBENZOFURAN	1	3900	U	3900	580
121-14-2	2,4-DINITROTOLUENE	1	3900	U	3900	580
84-66-2	DIETHYL PHTHALATE	1	3900	U	3900	580
86-73-7	FLUORENE	1	3900	U	3900	580
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3900	U	3900	580
100-01-6	4-NITROANILINE	1	7800	U	7800	580
103-33-3	AZOBENZENE	1	3900	U	3900	580
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3500
86-30-6	N-NITROSODIPHENYLAMINE	1	3900	U	3900	580
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3900	U	3900	580
118-74-1	HEXACHLOROBENZENE	1	3900	U	3900	820

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3900	U	3900	930
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	580
85-01-8	PHENANTHRENE	1	3900	U	3900	580
120-12-7	ANTHRACENE	1	3900	U	3900	580
86-74-8	CARBAZOLE	1	3900	U	3900	580
84-74-2	DI-N-BUTYL PHTHALATE	1	3900	U	3900	580
206-44-0	FLUORANTHENE	1	3900	U	3900	580
129-00-0	PYRENE	1	3900	U	3900	580
85-68-7	BUTYL BENZYL PHTHALATE	1	3900	U	3900	580
56-55-3	BENZO(A)ANTHRACENE	1	3900	U	3900	580
91-94-1	3,3'-DICHLOROBENZIDINE	1	3900	U	3900	580
218-01-9	CHRYSENE	1	3900	U	3900	580
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5800	U	5800	580
117-84-0	DI-N-OCTYL PHTHALATE	1	5800	U	5800	580
205-99-2	BENZO(B)FLUORANTHENE	1	3900	U	3900	580
207-08-9	BENZO(K)FLUORANTHENE	1	3900	U	3900	580
50-32-8	BENZO(A)PYRENE	1	3900	U	3900	580
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3900	U	3900	820
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3900	U	3900	580
191-24-2	BENZO(G,H,I)PERYLENE	1	3900	U	3900	580

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	5380		5830	92	25 - 127
321-60-8	2-FLUOROBIPHENYL	3260		3880	84	34 - 120
367-12-4	2-FLUOROPHENOL	5140		5830	88	38 - 120
4165-60-0	NITROBENZENE-D5	3090		3880	80	31 - 120
4165-62-2	PHENOL-D5	5090		5830	87	45 - 120
1718-51-0	TERPHENYL-D14	3290		3880	85	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	6700	U	6700	1300
62-75-9	N-NITROSODIMETHYLAMINE	1	2200	U	2200	470
62-53-3	ANILINE	1	2200	U	2200	340
108-95-2	PHENOL	1	2200	U	2200	340
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2200	U	2200	340
95-57-8	2-CHLOROPHENOL	1	2200	U	2200	340
541-73-1	1,3-DICHLOROBENZENE	1	2200	U	2200	340
106-46-7	1,4-DICHLOROBENZENE	1	2200	U	2200	340
95-50-1	1,2-DICHLOROBENZENE	1	2200	U	2200	340
100-51-6	BENZYL ALCOHOL	1	2200	U	2200	340
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2200	U	2200	400
95-48-7	2-METHYLPHENOL	1	2200	U	2200	340
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2200	U	2200	340
108-39-4	3+4-METHYLPHENOL	1	2200	U	2200	340
67-72-1	HEXACHLOROETHANE	1	2200	U	2200	340
98-95-3	NITROBENZENE	1	2200	U	2200	340
78-59-1	ISOPHORONE	1	2200	U	2200	340
88-75-5	2-NITROPHENOL	1	2200	U	2200	340
105-67-9	2,4-DIMETHYLPHENOL	1	2200	U	2200	340
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2200	U	2200	340
120-83-2	2,4-DICHLOROPHENOL	1	2200	U	2200	340
65-85-0	BENZOIC ACID	1	11000	U	11000	2300
120-82-1	1,2,4-TRICHLOROBENZENE	1	2200	U	2200	340
91-20-3	NAPHTHALENE	1	2200	U	2200	340
106-47-8	4-CHLOROANILINE	1	2200	U	2200	340
87-68-3	HEXACHLOROBUTADIENE	1	2200	U	2200	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2200	U	2200	340
91-57-6	2-METHYLNAPHTHALENE	1	2200	U	2200	340
90-12-0	1-METHYLNAPHTHALENE	1	5300		2200	340
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2200	U	2200	340
88-06-2	2,4,6-TRICHLOROPHENOL	1	2200	U	2200	340
95-95-4	2,4,5-TRICHLOROPHENOL	1	2200	U	2200	340
91-58-7	2-CHLORONAPHTHALENE	1	2200	U	2200	340
88-74-4	2-NITROANILINE	1	4500	U	4500	340
131-11-3	DIMETHYL PHTHALATE	1	2200	U	2200	340
606-20-2	2,6-DINITROTOLUENE	1	2200	U	2200	340
208-96-8	ACENAPHTHYLENE	1	2200	U	2200	340
99-09-2	3-NITROANILINE	1	4500	U	4500	340
83-32-9	ACENAPHTHENE	1	2200	U	2200	340
51-28-5	2,4-DINITROPHENOL	1	4500	U	4500	1300
100-02-7	4-NITROPHENOL	1	4500	U	4500	340
132-64-9	DIBENZOFURAN	1	2200	U	2200	340
121-14-2	2,4-DINITROTOLUENE	1	2200	U	2200	340
84-66-2	DIETHYL PHTHALATE	1	2200	U	2200	340
86-73-7	FLUORENE	1	2200	U	2200	340
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2200	U	2200	340
100-01-6	4-NITROANILINE	1	4500	U	4500	340
103-33-3	AZOBENZENE	1	2200	U	2200	340
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	8900	U	8900	2000
86-30-6	N-NITROSODIPHENYLAMINE	1	2200	U	2200	340
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2200	U	2200	340
118-74-1	HEXACHLOROBENZENE	1	2200	U	2200	470

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2200	U	2200	540
87-86-5	PENTACHLOROPHENOL	1	8900	U	8900	340
85-01-8	PHENANTHRENE	1	2200	U	2200	340
120-12-7	ANTHRACENE	1	2200	U	2200	340
86-74-8	CARBAZOLE	1	2200	U	2200	340
84-74-2	DI-N-BUTYL PHTHALATE	1	2200	U	2200	340
206-44-0	FLUORANTHENE	1	1400	J	2200	340
129-00-0	PYRENE	1	2200	U	2200	340
85-68-7	BUTYL BENZYL PHTHALATE	1	2200	U	2200	340
56-55-3	BENZO(A)ANTHRACENE	1	2200	U	2200	340
91-94-1	3,3'-DICHLOROBENZIDINE	1	2200	U	2200	340
218-01-9	CHRYSENE	1	2200	U	2200	340
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3400	U	3400	340
117-84-0	DI-N-OCTYL PHTHALATE	1	3400	U	3400	340
205-99-2	BENZO(B)FLUORANTHENE	1	2200	U	2200	340
207-08-9	BENZO(K)FLUORANTHENE	1	2200	U	2200	340
50-32-8	BENZO(A)PYRENE	1	2200	U	2200	340
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2200	U	2200	470
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2200	U	2200	340
191-24-2	BENZO(G,H,I)PERYLENE	1	2200	U	2200	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10500		16800	62	25 - 127
321-60-8	2-FLUOROBIPHENYL	6860		11200	61	34 - 120
367-12-4	2-FLUOROPHENOL	10900		16800	65	38 - 120
4165-60-0	NITROBENZENE-D5	7270		11200	65	31 - 120
4165-62-2	PHENOL-D5	10900		16800	65	45 - 120
1718-51-0	TERPHENYL-D14	7020		11200	63	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	6600	U	6600	1300
62-75-9	N-NITROSODIMETHYLAMINE	1	2200	U	2200	460
62-53-3	ANILINE	1	2200	U	2200	330
108-95-2	PHENOL	1	2200	U	2200	330
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2200	U	2200	330
95-57-8	2-CHLOROPHENOL	1	2200	U	2200	330
541-73-1	1,3-DICHLOROBENZENE	1	2200	U	2200	330
106-46-7	1,4-DICHLOROBENZENE	1	2200	U	2200	330
95-50-1	1,2-DICHLOROBENZENE	1	2200	U	2200	330
100-51-6	BENZYL ALCOHOL	1	2200	U	2200	330
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2200	U	2200	400
95-48-7	2-METHYLPHENOL	1	2200	U	2200	330
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2200	U	2200	330
108-39-4	3+4-METHYLPHENOL	1	2200	U	2200	330
67-72-1	HEXACHLOROETHANE	1	2200	U	2200	330
98-95-3	NITROBENZENE	1	2200	U	2200	330
78-59-1	ISOPHORONE	1	2200	U	2200	330
88-75-5	2-NITROPHENOL	1	2200	U	2200	330
105-67-9	2,4-DIMETHYLPHENOL	1	2200	U	2200	330
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2200	U	2200	330
120-83-2	2,4-DICHLOROPHENOL	1	2200	U	2200	330
65-85-0	BENZOIC ACID	1	11000	U	11000	2300
120-82-1	1,2,4-TRICHLOROBENZENE	1	2200	U	2200	330
91-20-3	NAPHTHALENE	1	2200	U	2200	330
106-47-8	4-CHLOROANILINE	1	2200	U	2200	330
87-68-3	HEXACHLOROBUTADIENE	1	2200	U	2200	330

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2200	U	2200	330
91-57-6	2-METHYLNAPHTHALENE	1	2200	U	2200	330
90-12-0	1-METHYLNAPHTHALENE	1	2200	U	2200	330
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2200	U	2200	330
88-06-2	2,4,6-TRICHLOROPHENOL	1	2200	U	2200	330
95-95-4	2,4,5-TRICHLOROPHENOL	1	2200	U	2200	330
91-58-7	2-CHLORONAPHTHALENE	1	2200	U	2200	330
88-74-4	2-NITROANILINE	1	4400	U	4400	330
131-11-3	DIMETHYL PHTHALATE	1	2200	U	2200	330
606-20-2	2,6-DINITROTOLUENE	1	2200	U	2200	330
208-96-8	ACENAPHTHYLENE	1	2200	U	2200	330
99-09-2	3-NITROANILINE	1	4400	U	4400	330
83-32-9	ACENAPHTHENE	1	2200	U	2200	330
51-28-5	2,4-DINITROPHENOL	1	4400	U	4400	1300
100-02-7	4-NITROPHENOL	1	4400	U	4400	330
132-64-9	DIBENZOFURAN	1	2200	U	2200	330
121-14-2	2,4-DINITROTOLUENE	1	2200	U	2200	330
84-66-2	DIETHYL PHTHALATE	1	2200	U	2200	330
86-73-7	FLUORENE	1	2200	U	2200	330
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2200	U	2200	330
100-01-6	4-NITROANILINE	1	4400	U	4400	330
103-33-3	AZOBENZENE	1	2200	U	2200	330
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	8800	U	8800	2000
86-30-6	N-NITROSODIPHENYLAMINE	1	2200	U	2200	330
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2200	U	2200	330
118-74-1	HEXACHLOROBENZENE	1	2200	U	2200	460

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2200	U	2200	530
87-86-5	PENTACHLOROPHENOL	1	8800	U	8800	330
85-01-8	PHENANTHRENE	1	2200	U	2200	330
120-12-7	ANTHRACENE	1	2200	U	2200	330
86-74-8	CARBAZOLE	1	2200	U	2200	330
84-74-2	DI-N-BUTYL PHTHALATE	1	2200	U	2200	330
206-44-0	FLUORANTHENE	1	2200	U	2200	330
129-00-0	PYRENE	1	2200	U	2200	330
85-68-7	BUTYL BENZYL PHTHALATE	1	2200	U	2200	330
56-55-3	BENZO(A)ANTHRACENE	1	2200	U	2200	330
91-94-1	3,3'-DICHLOROBENZIDINE	1	2200	U	2200	330
218-01-9	CHRYSENE	1	2200	U	2200	330
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3300	U	3300	330
117-84-0	DI-N-OCTYL PHTHALATE	1	3300	U	3300	330
205-99-2	BENZO(B)FLUORANTHENE	1	2200	U	2200	330
207-08-9	BENZO(K)FLUORANTHENE	1	2200	U	2200	330
50-32-8	BENZO(A)PYRENE	1	2200	U	2200	330
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2200	U	2200	460
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2200	U	2200	330
191-24-2	BENZO(G,H,I)PERYLENE	1	2200	U	2200	330

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14600		16500	88	25 - 127
321-60-8	2-FLUOROBIPHENYL	9240		11000	84	34 - 120
367-12-4	2-FLUOROPHENOL	14800		16500	89	38 - 120
4165-60-0	NITROBENZENE-D5	9250		11000	84	31 - 120
4165-62-2	PHENOL-D5	15500		16500	94	45 - 120
1718-51-0	TERPHENYL-D14	9950		11000	90	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7700	U	7700	1500
62-75-9	N-NITROSODIMETHYLAMINE	1	2600	U	2600	540
62-53-3	ANILINE	1	2600	U	2600	380
108-95-2	PHENOL	1	2600	U	2600	380
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2600	U	2600	380
95-57-8	2-CHLOROPHENOL	1	2600	U	2600	380
541-73-1	1,3-DICHLOROBENZENE	1	2600	U	2600	380
106-46-7	1,4-DICHLOROBENZENE	1	2600	U	2600	380
95-50-1	1,2-DICHLOROBENZENE	1	2600	U	2600	380
100-51-6	BENZYL ALCOHOL	1	2600	U	2600	380
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2600	U	2600	460
95-48-7	2-METHYLPHENOL	1	2600	U	2600	380
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2600	U	2600	380
108-39-4	3+4-METHYLPHENOL	1	2600	U	2600	380
67-72-1	HEXACHLOROETHANE	1	2600	U	2600	380
98-95-3	NITROBENZENE	1	2600	U	2600	380
78-59-1	ISOPHORONE	1	2600	U	2600	380
88-75-5	2-NITROPHENOL	1	2600	U	2600	380
105-67-9	2,4-DIMETHYLPHENOL	1	2600	U	2600	380
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2600	U	2600	380
120-83-2	2,4-DICHLOROPHENOL	1	2600	U	2600	380
65-85-0	BENZOIC ACID	1	13000	U	13000	2700
120-82-1	1,2,4-TRICHLOROBENZENE	1	2600	U	2600	380
91-20-3	NAPHTHALENE	1	2600	U	2600	380
106-47-8	4-CHLOROANILINE	1	2600	U	2600	380
87-68-3	HEXACHLOROBUTADIENE	1	2600	U	2600	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2600	U	2600	380
91-57-6	2-METHYLNAPHTHALENE	1	2600	U	2600	380
90-12-0	1-METHYLNAPHTHALENE	1	2600	U	2600	380
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2600	U	2600	380
88-06-2	2,4,6-TRICHLOROPHENOL	1	2600	U	2600	380
95-95-4	2,4,5-TRICHLOROPHENOL	1	2600	U	2600	380
91-58-7	2-CHLORONAPHTHALENE	1	2600	U	2600	380
88-74-4	2-NITROANILINE	1	5100	U	5100	380
131-11-3	DIMETHYL PHTHALATE	1	2600	U	2600	380
606-20-2	2,6-DINITROTOLUENE	1	2600	U	2600	380
208-96-8	ACENAPHTHYLENE	1	2600	U	2600	380
99-09-2	3-NITROANILINE	1	5100	U	5100	380
83-32-9	ACENAPHTHENE	1	2600	U	2600	380
51-28-5	2,4-DINITROPHENOL	1	5100	U	5100	1500
100-02-7	4-NITROPHENOL	1	5100	U	5100	380
132-64-9	DIBENZOFURAN	1	2600	U	2600	380
121-14-2	2,4-DINITROTOLUENE	1	2600	U	2600	380
84-66-2	DIETHYL PHTHALATE	1	2600	U	2600	380
86-73-7	FLUORENE	1	2600	U	2600	380
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2600	U	2600	380
100-01-6	4-NITROANILINE	1	5100	U	5100	380
103-33-3	AZOBENZENE	1	2600	U	2600	380
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	10000	U	10000	2300
86-30-6	N-NITROSODIPHENYLAMINE	1	2600	U	2600	380
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2600	U	2600	380
118-74-1	HEXACHLOROBENZENE	1	2600	U	2600	540

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2600	U	2600	610
87-86-5	PENTACHLOROPHENOL	1	10000	U	10000	380
85-01-8	PHENANTHRENE	1	2600	U	2600	380
120-12-7	ANTHRACENE	1	2600	U	2600	380
86-74-8	CARBAZOLE	1	2600	U	2600	380
84-74-2	DI-N-BUTYL PHTHALATE	1	2600	U	2600	380
206-44-0	FLUORANTHENE	1	2600	U	2600	380
129-00-0	PYRENE	1	2600	U	2600	380
85-68-7	BUTYL BENZYL PHTHALATE	1	2600	U	2600	380
56-55-3	BENZO(A)ANTHRACENE	1	2600	U	2600	380
91-94-1	3,3'-DICHLOROBENZIDINE	1	2600	U	2600	380
218-01-9	CHRYSENE	1	2600	U	2600	380
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3800	U	3800	380
117-84-0	DI-N-OCTYL PHTHALATE	1	3800	U	3800	380
205-99-2	BENZO(B)FLUORANTHENE	1	2600	U	2600	380
207-08-9	BENZO(K)FLUORANTHENE	1	2600	U	2600	380
50-32-8	BENZO(A)PYRENE	1	2600	U	2600	380
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2600	U	2600	540
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2600	U	2600	380
191-24-2	BENZO(G,H,I)PERYLENE	1	2600	U	2600	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13600		19100	71	25 - 127
321-60-8	2-FLUOROBIPHENYL	8870		12800	70	34 - 120
367-12-4	2-FLUOROPHENOL	13800		19100	72	38 - 120
4165-60-0	NITROBENZENE-D5	8490		12800	67	31 - 120
4165-62-2	PHENOL-D5	14700		19100	77	45 - 120
1718-51-0	TERPHENYL-D14	9330		12800	73	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	6800	U	6800	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	480
62-53-3	ANILINE	1	2300	U	2300	340
108-95-2	PHENOL	1	2300	U	2300	340
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	340
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	340
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	340
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	340
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	340
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	340
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	410
95-48-7	2-METHYLPHENOL	1	2300	U	2300	340
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2300	U	2300	340
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	340
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	340
98-95-3	NITROBENZENE	1	2300	U	2300	340
78-59-1	ISOPHORONE	1	2300	U	2300	340
88-75-5	2-NITROPHENOL	1	2300	U	2300	340
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	340
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	340
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	340
65-85-0	BENZOIC ACID	1	11000	U	11000	2400
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	340
91-20-3	NAPHTHALENE	1	2300	U	2300	340
106-47-8	4-CHLOROANILINE	1	2300	U	2300	340
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	340
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	340
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	340
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	340
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	340
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	340
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	340
88-74-4	2-NITROANILINE	1	4500	U	4500	340
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	340
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	340
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	340
99-09-2	3-NITROANILINE	1	4500	U	4500	340
83-32-9	ACENAPHTHENE	1	2300	U	2300	340
51-28-5	2,4-DINITROPHENOL	1	4500	U	4500	1400
100-02-7	4-NITROPHENOL	1	4500	U	4500	340
132-64-9	DIBENZOFURAN	1	2300	U	2300	340
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	340
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	340
86-73-7	FLUORENE	1	2300	U	2300	340
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	340
100-01-6	4-NITROANILINE	1	4500	U	4500	340
103-33-3	AZOBENZENE	1	2300	U	2300	340
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9100	U	9100	2000
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	340
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	340
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	480

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	540
87-86-5	PENTACHLOROPHENOL	1	9100	U	9100	340
85-01-8	PHENANTHRENE	1	2300	U	2300	340
120-12-7	ANTHRACENE	1	2300	U	2300	340
86-74-8	CARBAZOLE	1	2300	U	2300	340
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	340
206-44-0	FLUORANTHENE	1	2300	U	2300	340
129-00-0	PYRENE	1	2300	U	2300	340
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	340
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	340
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	340
218-01-9	CHRYSENE	1	2300	U	2300	340
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3400	U	3400	340
117-84-0	DI-N-OCTYL PHTHALATE	1	3400	U	3400	340
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	340
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	340
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	340
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	480
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	340
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	11900		17000	70	25 - 127
321-60-8	2-FLUOROBIPHENYL	7530		11300	66	34 - 120
367-12-4	2-FLUOROPHENOL	11900		17000	70	38 - 120
4165-60-0	NITROBENZENE-D5	7400		11300	65	31 - 120
4165-62-2	PHENOL-D5	12400		17000	73	45 - 120
1718-51-0	TERPHENYL-D14	7980		11300	70	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7000	U	7000	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	490
62-53-3	ANILINE	1	2300	U	2300	350
108-95-2	PHENOL	1	2300	U	2300	350
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	350
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	350
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	350
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	350
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	350
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	350
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	420
95-48-7	2-METHYLPHENOL	1	2300	U	2300	350
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2300	U	2300	350
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	350
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	350
98-95-3	NITROBENZENE	1	2300	U	2300	350
78-59-1	ISOPHORONE	1	2300	U	2300	350
88-75-5	2-NITROPHENOL	1	2300	U	2300	350
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	350
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	350
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	350
65-85-0	BENZOIC ACID	1	12000	U	12000	2500
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	350
91-20-3	NAPHTHALENE	1	2300	U	2300	350
106-47-8	4-CHLOROANILINE	1	2300	U	2300	350
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	350
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	350
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	350
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	350
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	350
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	350
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	350
88-74-4	2-NITROANILINE	1	4700	U	4700	350
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	350
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	350
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	350
99-09-2	3-NITROANILINE	1	4700	U	4700	350
83-32-9	ACENAPHTHENE	1	2300	U	2300	350
51-28-5	2,4-DINITROPHENOL	1	4700	U	4700	1400
100-02-7	4-NITROPHENOL	1	4700	U	4700	350
132-64-9	DIBENZOFURAN	1	2300	U	2300	350
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	350
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	350
86-73-7	FLUORENE	1	2300	U	2300	350
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	350
100-01-6	4-NITROANILINE	1	4700	U	4700	350
103-33-3	AZOBENZENE	1	2300	U	2300	350
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9400	U	9400	2100
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	350
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	350
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	490

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	560
87-86-5	PENTACHLOROPHENOL	1	9400	U	9400	350
85-01-8	PHENANTHRENE	1	2300	U	2300	350
120-12-7	ANTHRACENE	1	2300	U	2300	350
86-74-8	CARBAZOLE	1	2300	U	2300	350
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	350
206-44-0	FLUORANTHENE	1	2300	U	2300	350
129-00-0	PYRENE	1	2300	U	2300	350
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	350
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	350
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	350
218-01-9	CHRYSENE	1	2300	U	2300	350
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3500	U	3500	350
117-84-0	DI-N-OCTYL PHTHALATE	1	3500	U	3500	350
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	350
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	350
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	350
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	490
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	350
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	15000		17600	86	25 - 127
321-60-8	2-FLUOROBIPHENYL	9480		11700	81	34 - 120
367-12-4	2-FLUOROPHENOL	14900		17600	85	38 - 120
4165-60-0	NITROBENZENE-D5	9280		11700	79	31 - 120
4165-62-2	PHENOL-D5	15600		17600	89	45 - 120
1718-51-0	TERPHENYL-D14	10300		11700	88	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	8000	U	8000	1600
62-75-9	N-NITROSODIMETHYLAMINE	1	2700	U	2700	560
62-53-3	ANILINE	1	2700	U	2700	400
108-95-2	PHENOL	1	2700	U	2700	400
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2700	U	2700	400
95-57-8	2-CHLOROPHENOL	1	2700	U	2700	400
541-73-1	1,3-DICHLOROBENZENE	1	2700	U	2700	400
106-46-7	1,4-DICHLOROBENZENE	1	2700	U	2700	400
95-50-1	1,2-DICHLOROBENZENE	1	2700	U	2700	400
100-51-6	BENZYL ALCOHOL	1	2700	U	2700	400
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2700	U	2700	480
95-48-7	2-METHYLPHENOL	1	2700	U	2700	400
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2700	U	2700	400
108-39-4	3+4-METHYLPHENOL	1	2700	U	2700	400
67-72-1	HEXACHLOROETHANE	1	2700	U	2700	400
98-95-3	NITROBENZENE	1	2700	U	2700	400
78-59-1	ISOPHORONE	1	2700	U	2700	400
88-75-5	2-NITROPHENOL	1	2700	U	2700	400
105-67-9	2,4-DIMETHYLPHENOL	1	2700	U	2700	400
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2700	U	2700	400
120-83-2	2,4-DICHLOROPHENOL	1	2700	U	2700	400
65-85-0	BENZOIC ACID	1	13000	U	13000	2800
120-82-1	1,2,4-TRICHLOROBENZENE	1	2700	U	2700	400
91-20-3	NAPHTHALENE	1	2700	U	2700	400
106-47-8	4-CHLOROANILINE	1	2700	U	2700	400
87-68-3	HEXACHLOROBUTADIENE	1	2700	U	2700	400

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2700	U	2700	400
91-57-6	2-METHYLNAPHTHALENE	1	2700	U	2700	400
90-12-0	1-METHYLNAPHTHALENE	1	2700	U	2700	400
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2700	U	2700	400
88-06-2	2,4,6-TRICHLOROPHENOL	1	2700	U	2700	400
95-95-4	2,4,5-TRICHLOROPHENOL	1	2700	U	2700	400
91-58-7	2-CHLORONAPHTHALENE	1	2700	U	2700	400
88-74-4	2-NITROANILINE	1	5300	U	5300	400
131-11-3	DIMETHYL PHTHALATE	1	2700	U	2700	400
606-20-2	2,6-DINITROTOLUENE	1	2700	U	2700	400
208-96-8	ACENAPHTHYLENE	1	2700	U	2700	400
99-09-2	3-NITROANILINE	1	5300	U	5300	400
83-32-9	ACENAPHTHENE	1	2700	U	2700	400
51-28-5	2,4-DINITROPHENOL	1	5300	U	5300	1600
100-02-7	4-NITROPHENOL	1	5300	U	5300	400
132-64-9	DIBENZOFURAN	1	2700	U	2700	400
121-14-2	2,4-DINITROTOLUENE	1	2700	U	2700	400
84-66-2	DIETHYL PHTHALATE	1	2700	U	2700	400
86-73-7	FLUORENE	1	2700	U	2700	400
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2700	U	2700	400
100-01-6	4-NITROANILINE	1	5300	U	5300	400
103-33-3	AZOBENZENE	1	2700	U	2700	400
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	11000	U	11000	2400
86-30-6	N-NITROSODIPHENYLAMINE	1	2700	U	2700	400
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2700	U	2700	400
118-74-1	HEXACHLOROBENZENE	1	2700	U	2700	560

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2700	U	2700	640
87-86-5	PENTACHLOROPHENOL	1	11000	U	11000	400
85-01-8	PHENANTHRENE	1	2700	U	2700	400
120-12-7	ANTHRACENE	1	2700	U	2700	400
86-74-8	CARBAZOLE	1	2700	U	2700	400
84-74-2	DI-N-BUTYL PHTHALATE	1	2700	U	2700	400
206-44-0	FLUORANTHENE	1	2700	U	2700	400
129-00-0	PYRENE	1	2700	U	2700	400
85-68-7	BUTYL BENZYL PHTHALATE	1	2700	U	2700	400
56-55-3	BENZO(A)ANTHRACENE	1	2700	U	2700	400
91-94-1	3,3'-DICHLOROBENZIDINE	1	2700	U	2700	400
218-01-9	CHRYSENE	1	2700	U	2700	400
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4000	U	4000	400
117-84-0	DI-N-OCTYL PHTHALATE	1	4000	U	4000	400
205-99-2	BENZO(B)FLUORANTHENE	1	2700	U	2700	400
207-08-9	BENZO(K)FLUORANTHENE	1	2700	U	2700	400
50-32-8	BENZO(A)PYRENE	1	2700	U	2700	400
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2700	U	2700	560
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2700	U	2700	400
191-24-2	BENZO(G,H,I)PERYLENE	1	2700	U	2700	400

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	16100		20000	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	9710		13300	73	34 - 120
367-12-4	2-FLUOROPHENOL	14200		20000	71	38 - 120
4165-60-0	NITROBENZENE-D5	9100		13300	68	31 - 120
4165-62-2	PHENOL-D5	15500		20000	77	45 - 120
1718-51-0	TERPHENYL-D14	10500		13300	79	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7600	U	7600	1500
62-75-9	N-NITROSODIMETHYLAMINE	1	2500	U	2500	530
62-53-3	ANILINE	1	2500	U	2500	380
108-95-2	PHENOL	1	2500	U	2500	380
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2500	U	2500	380
95-57-8	2-CHLOROPHENOL	1	2500	U	2500	380
541-73-1	1,3-DICHLOROBENZENE	1	2500	U	2500	380
106-46-7	1,4-DICHLOROBENZENE	1	2500	U	2500	380
95-50-1	1,2-DICHLOROBENZENE	1	2500	U	2500	380
100-51-6	BENZYL ALCOHOL	1	2500	U	2500	380
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2500	U	2500	450
95-48-7	2-METHYLPHENOL	1	2500	U	2500	380
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2500	U	2500	380
108-39-4	3+4-METHYLPHENOL	1	2500	U	2500	380
67-72-1	HEXACHLOROETHANE	1	2500	U	2500	380
98-95-3	NITROBENZENE	1	2500	U	2500	380
78-59-1	ISOPHORONE	1	2500	U	2500	380
88-75-5	2-NITROPHENOL	1	2500	U	2500	380
105-67-9	2,4-DIMETHYLPHENOL	1	2500	U	2500	380
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2500	U	2500	380
120-83-2	2,4-DICHLOROPHENOL	1	2500	U	2500	380
65-85-0	BENZOIC ACID	1	13000	U	13000	2600
120-82-1	1,2,4-TRICHLOROBENZENE	1	2500	U	2500	380
91-20-3	NAPHTHALENE	1	2500	U	2500	380
106-47-8	4-CHLOROANILINE	1	2500	U	2500	380
87-68-3	HEXACHLOROBUTADIENE	1	2500	U	2500	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2500	U	2500	380
91-57-6	2-METHYLNAPHTHALENE	1	2500	U	2500	380
90-12-0	1-METHYLNAPHTHALENE	1	2500	U	2500	380
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2500	U	2500	380
88-06-2	2,4,6-TRICHLOROPHENOL	1	2500	U	2500	380
95-95-4	2,4,5-TRICHLOROPHENOL	1	2500	U	2500	380
91-58-7	2-CHLORONAPHTHALENE	1	2500	U	2500	380
88-74-4	2-NITROANILINE	1	5000	U	5000	380
131-11-3	DIMETHYL PHTHALATE	1	2500	U	2500	380
606-20-2	2,6-DINITROTOLUENE	1	2500	U	2500	380
208-96-8	ACENAPHTHYLENE	1	2500	U	2500	380
99-09-2	3-NITROANILINE	1	5000	U	5000	380
83-32-9	ACENAPHTHENE	1	2500	U	2500	380
51-28-5	2,4-DINITROPHENOL	1	5000	U	5000	1500
100-02-7	4-NITROPHENOL	1	5000	U	5000	380
132-64-9	DIBENZOFURAN	1	2500	U	2500	380
121-14-2	2,4-DINITROTOLUENE	1	2500	U	2500	380
84-66-2	DIETHYL PHTHALATE	1	2500	U	2500	380
86-73-7	FLUORENE	1	2500	U	2500	380
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2500	U	2500	380
100-01-6	4-NITROANILINE	1	5000	U	5000	380
103-33-3	AZOBENZENE	1	2500	U	2500	380
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	10000	U	10000	2300
86-30-6	N-NITROSODIPHENYLAMINE	1	2500	U	2500	380
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2500	U	2500	380
118-74-1	HEXACHLOROBENZENE	1	2500	U	2500	530

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2500	U	2500	610
87-86-5	PENTACHLOROPHENOL	1	10000	U	10000	380
85-01-8	PHENANTHRENE	1	2500	U	2500	380
120-12-7	ANTHRACENE	1	2500	U	2500	380
86-74-8	CARBAZOLE	1	2500	U	2500	380
84-74-2	DI-N-BUTYL PHTHALATE	1	2500	U	2500	380
206-44-0	FLUORANTHENE	1	2500	U	2500	380
129-00-0	PYRENE	1	2500	U	2500	380
85-68-7	BUTYL BENZYL PHTHALATE	1	2500	U	2500	380
56-55-3	BENZO(A)ANTHRACENE	1	2500	U	2500	380
91-94-1	3,3'-DICHLOROBENZIDINE	1	2500	U	2500	380
218-01-9	CHRYSENE	1	2500	U	2500	380
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3800	U	3800	380
117-84-0	DI-N-OCTYL PHTHALATE	1	3800	U	3800	380
205-99-2	BENZO(B)FLUORANTHENE	1	2500	U	2500	380
207-08-9	BENZO(K)FLUORANTHENE	1	2500	U	2500	380
50-32-8	BENZO(A)PYRENE	1	2500	U	2500	380
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2500	U	2500	530
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2500	U	2500	380
191-24-2	BENZO(G,H,I)PERYLENE	1	2500	U	2500	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14100		18900	75	25 - 127
321-60-8	2-FLUOROBIPHENYL	8930		12600	71	34 - 120
367-12-4	2-FLUOROPHENOL	13800		18900	73	38 - 120
4165-60-0	NITROBENZENE-D5	8580		12600	68	31 - 120
4165-62-2	PHENOL-D5	14500		18900	77	45 - 120
1718-51-0	TERPHENYL-D14	9510		12600	75	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	8900	U	8900	1800
62-75-9	N-NITROSODIMETHYLAMINE	1	3000	U	3000	620
62-53-3	ANILINE	1	3000	U	3000	440
108-95-2	PHENOL	1	3000	U	3000	440
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3000	U	3000	440
95-57-8	2-CHLOROPHENOL	1	3000	U	3000	440
541-73-1	1,3-DICHLOROBENZENE	1	3000	U	3000	440
106-46-7	1,4-DICHLOROBENZENE	1	3000	U	3000	440
95-50-1	1,2-DICHLOROBENZENE	1	3000	U	3000	440
100-51-6	BENZYL ALCOHOL	1	3000	U	3000	440
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3000	U	3000	530
95-48-7	2-METHYLPHENOL	1	3000	U	3000	440
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3000	U	3000	440
108-39-4	3+4-METHYLPHENOL	1	3000	U	3000	440
67-72-1	HEXACHLOROETHANE	1	3000	U	3000	440
98-95-3	NITROBENZENE	1	3000	U	3000	440
78-59-1	ISOPHORONE	1	3000	U	3000	440
88-75-5	2-NITROPHENOL	1	3000	U	3000	440
105-67-9	2,4-DIMETHYLPHENOL	1	3000	U	3000	440
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3000	U	3000	440
120-83-2	2,4-DICHLOROPHENOL	1	3000	U	3000	440
65-85-0	BENZOIC ACID	1	15000	U	15000	3100
120-82-1	1,2,4-TRICHLOROBENZENE	1	3000	U	3000	440
91-20-3	NAPHTHALENE	1	3000	U	3000	440
106-47-8	4-CHLOROANILINE	1	3000	U	3000	440
87-68-3	HEXACHLOROBUTADIENE	1	3000	U	3000	440

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3000	U	3000	440
91-57-6	2-METHYLNAPHTHALENE	1	3000	U	3000	440
90-12-0	1-METHYLNAPHTHALENE	1	3000	U	3000	440
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3000	U	3000	440
88-06-2	2,4,6-TRICHLOROPHENOL	1	3000	U	3000	440
95-95-4	2,4,5-TRICHLOROPHENOL	1	3000	U	3000	440
91-58-7	2-CHLORONAPHTHALENE	1	3000	U	3000	440
88-74-4	2-NITROANILINE	1	5900	U	5900	440
131-11-3	DIMETHYL PHTHALATE	1	3000	U	3000	440
606-20-2	2,6-DINITROTOLUENE	1	3000	U	3000	440
208-96-8	ACENAPHTHYLENE	1	3000	U	3000	440
99-09-2	3-NITROANILINE	1	5900	U	5900	440
83-32-9	ACENAPHTHENE	1	3000	U	3000	440
51-28-5	2,4-DINITROPHENOL	1	5900	U	5900	1800
100-02-7	4-NITROPHENOL	1	5900	U	5900	440
132-64-9	DIBENZOFURAN	1	3000	U	3000	440
121-14-2	2,4-DINITROTOLUENE	1	3000	U	3000	440
84-66-2	DIETHYL PHTHALATE	1	3000	U	3000	440
86-73-7	FLUORENE	1	3000	U	3000	440
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3000	U	3000	440
100-01-6	4-NITROANILINE	1	5900	U	5900	440
103-33-3	AZOBENZENE	1	3000	U	3000	440
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	12000	U	12000	2700
86-30-6	N-NITROSODIPHENYLAMINE	1	3000	U	3000	440
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3000	U	3000	440
118-74-1	HEXACHLOROBENZENE	1	3000	U	3000	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3000	U	3000	710
87-86-5	PENTACHLOROPHENOL	1	12000	U	12000	440
85-01-8	PHENANTHRENE	1	3000	U	3000	440
120-12-7	ANTHRACENE	1	3000	U	3000	440
86-74-8	CARBAZOLE	1	3000	U	3000	440
84-74-2	DI-N-BUTYL PHTHALATE	1	3000	U	3000	440
206-44-0	FLUORANTHENE	1	3000	U	3000	440
129-00-0	PYRENE	1	3000	U	3000	440
85-68-7	BUTYL BENZYL PHTHALATE	1	3000	U	3000	440
56-55-3	BENZO(A)ANTHRACENE	1	3000	U	3000	440
91-94-1	3,3'-DICHLOROBENZIDINE	1	3000	U	3000	440
218-01-9	CHRYSENE	1	3000	U	3000	440
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4400	U	4400	440
117-84-0	DI-N-OCTYL PHTHALATE	1	4400	U	4400	440
205-99-2	BENZO(B)FLUORANTHENE	1	3000	U	3000	440
207-08-9	BENZO(K)FLUORANTHENE	1	3000	U	3000	440
50-32-8	BENZO(A)PYRENE	1	3000	U	3000	440
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3000	U	3000	620
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3000	U	3000	440
191-24-2	BENZO(G,H,I)PERYLENE	1	3000	U	3000	440

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	17300		22200	78	25 - 127
321-60-8	2-FLUOROBIPHENYL	11300		14800	77	34 - 120
367-12-4	2-FLUOROPHENOL	17600		22200	79	38 - 120
4165-60-0	NITROBENZENE-D5	11000		14800	74	31 - 120
4165-62-2	PHENOL-D5	18700		22200	84	45 - 120
1718-51-0	TERPHENYL-D14	12100		14800	82	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	9200	U	9200	1800
62-75-9	N-NITROSODIMETHYLAMINE	1	3100	U	3100	650
62-53-3	ANILINE	1	3100	U	3100	460
108-95-2	PHENOL	1	3100	U	3100	460
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3100	U	3100	460
95-57-8	2-CHLOROPHENOL	1	3100	U	3100	460
541-73-1	1,3-DICHLOROBENZENE	1	3100	U	3100	460
106-46-7	1,4-DICHLOROBENZENE	1	3100	U	3100	460
95-50-1	1,2-DICHLOROBENZENE	1	3100	U	3100	460
100-51-6	BENZYL ALCOHOL	1	3100	U	3100	460
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3100	U	3100	550
95-48-7	2-METHYLPHENOL	1	3100	U	3100	460
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3100	U	3100	460
108-39-4	3+4-METHYLPHENOL	1	3100	U	3100	460
67-72-1	HEXACHLOROETHANE	1	3100	U	3100	460
98-95-3	NITROBENZENE	1	3100	U	3100	460
78-59-1	ISOPHORONE	1	3100	U	3100	460
88-75-5	2-NITROPHENOL	1	3100	U	3100	460
105-67-9	2,4-DIMETHYLPHENOL	1	3100	U	3100	460
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3100	U	3100	460
120-83-2	2,4-DICHLOROPHENOL	1	3100	U	3100	460
65-85-0	BENZOIC ACID	1	15000	U	15000	3200
120-82-1	1,2,4-TRICHLOROBENZENE	1	3100	U	3100	460
91-20-3	NAPHTHALENE	1	3100	U	3100	460
106-47-8	4-CHLOROANILINE	1	3100	U	3100	460
87-68-3	HEXACHLOROBUTADIENE	1	3100	U	3100	460

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3100	U	3100	460
91-57-6	2-METHYLNAPHTHALENE	1	3100	U	3100	460
90-12-0	1-METHYLNAPHTHALENE	1	3100	U	3100	460
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3100	U	3100	460
88-06-2	2,4,6-TRICHLOROPHENOL	1	3100	U	3100	460
95-95-4	2,4,5-TRICHLOROPHENOL	1	3100	U	3100	460
91-58-7	2-CHLORONAPHTHALENE	1	3100	U	3100	460
88-74-4	2-NITROANILINE	1	6200	U	6200	460
131-11-3	DIMETHYL PHTHALATE	1	3100	U	3100	460
606-20-2	2,6-DINITROTOLUENE	1	3100	U	3100	460
208-96-8	ACENAPHTHYLENE	1	3100	U	3100	460
99-09-2	3-NITROANILINE	1	6200	U	6200	460
83-32-9	ACENAPHTHENE	1	3100	U	3100	460
51-28-5	2,4-DINITROPHENOL	1	6200	U	6200	1800
100-02-7	4-NITROPHENOL	1	6200	U	6200	460
132-64-9	DIBENZOFURAN	1	3100	U	3100	460
121-14-2	2,4-DINITROTOLUENE	1	3100	U	3100	460
84-66-2	DIETHYL PHTHALATE	1	3100	U	3100	460
86-73-7	FLUORENE	1	3100	U	3100	460
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3100	U	3100	460
100-01-6	4-NITROANILINE	1	6200	U	6200	460
103-33-3	AZOBENZENE	1	3100	U	3100	460
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	12000	U	12000	2800
86-30-6	N-NITROSODIPHENYLAMINE	1	3100	U	3100	460
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3100	U	3100	460
118-74-1	HEXACHLOROBENZENE	1	3100	U	3100	650

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3100	U	3100	740
87-86-5	PENTACHLOROPHENOL	1	12000	U	12000	460
85-01-8	PHENANTHRENE	1	3100	U	3100	460
120-12-7	ANTHRACENE	1	3100	U	3100	460
86-74-8	CARBAZOLE	1	3100	U	3100	460
84-74-2	DI-N-BUTYL PHTHALATE	1	3100	U	3100	460
206-44-0	FLUORANTHENE	1	3100	U	3100	460
129-00-0	PYRENE	1	3100	U	3100	460
85-68-7	BUTYL BENZYL PHTHALATE	1	3100	U	3100	460
56-55-3	BENZO(A)ANTHRACENE	1	3100	U	3100	460
91-94-1	3,3'-DICHLOROBENZIDINE	1	3100	U	3100	460
218-01-9	CHRYSENE	1	3100	U	3100	460
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4600	U	4600	460
117-84-0	DI-N-OCTYL PHTHALATE	1	4600	U	4600	460
205-99-2	BENZO(B)FLUORANTHENE	1	3100	U	3100	460
207-08-9	BENZO(K)FLUORANTHENE	1	3100	U	3100	460
50-32-8	BENZO(A)PYRENE	1	3100	U	3100	460
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3100	U	3100	650
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3100	U	3100	460
191-24-2	BENZO(G,H,I)PERYLENE	1	3100	U	3100	460

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	17300		23100	75	25 - 127
321-60-8	2-FLUOROBIPHENYL	11500		15400	74	34 - 120
367-12-4	2-FLUOROPHENOL	18300		23100	79	38 - 120
4165-60-0	NITROBENZENE-D5	11400		15400	74	31 - 120
4165-62-2	PHENOL-D5	19100		23100	82	45 - 120
1718-51-0	TERPHENYL-D14	12500		15400	81	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	11000	U	11000	2300
62-75-9	N-NITROSODIMETHYLAMINE	1	3800	U	3800	790
62-53-3	ANILINE	1	3800	U	3800	570
108-95-2	PHENOL	1	3800	U	3800	570
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3800	U	3800	570
95-57-8	2-CHLOROPHENOL	1	3800	U	3800	570
541-73-1	1,3-DICHLOROBENZENE	1	3800	U	3800	570
106-46-7	1,4-DICHLOROBENZENE	1	3800	U	3800	570
95-50-1	1,2-DICHLOROBENZENE	1	3800	U	3800	570
100-51-6	BENZYL ALCOHOL	1	3800	U	3800	570
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3800	U	3800	680
95-48-7	2-METHYLPHENOL	1	3800	U	3800	570
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3800	U	3800	570
108-39-4	3+4-METHYLPHENOL	1	3800	U	3800	570
67-72-1	HEXACHLOROETHANE	1	3800	U	3800	570
98-95-3	NITROBENZENE	1	3800	U	3800	570
78-59-1	ISOPHORONE	1	3800	U	3800	570
88-75-5	2-NITROPHENOL	1	3800	U	3800	570
105-67-9	2,4-DIMETHYLPHENOL	1	3800	U	3800	570
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3800	U	3800	570
120-83-2	2,4-DICHLOROPHENOL	1	3800	U	3800	570
65-85-0	BENZOIC ACID	1	19000	U	19000	4000
120-82-1	1,2,4-TRICHLOROBENZENE	1	3800	U	3800	570
91-20-3	NAPHTHALENE	1	3800	U	3800	570
106-47-8	4-CHLOROANILINE	1	3800	U	3800	570
87-68-3	HEXACHLOROBUTADIENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3800	U	3800	570
91-57-6	2-METHYLNAPHTHALENE	1	3800	U	3800	570
90-12-0	1-METHYLNAPHTHALENE	1	3800	U	3800	570
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3800	U	3800	570
88-06-2	2,4,6-TRICHLOROPHENOL	1	3800	U	3800	570
95-95-4	2,4,5-TRICHLOROPHENOL	1	3800	U	3800	570
91-58-7	2-CHLORONAPHTHALENE	1	3800	U	3800	570
88-74-4	2-NITROANILINE	1	7500	U	7500	570
131-11-3	DIMETHYL PHTHALATE	1	3800	U	3800	570
606-20-2	2,6-DINITROTOLUENE	1	3800	U	3800	570
208-96-8	ACENAPHTHYLENE	1	3800	U	3800	570
99-09-2	3-NITROANILINE	1	7500	U	7500	570
83-32-9	ACENAPHTHENE	1	3800	U	3800	570
51-28-5	2,4-DINITROPHENOL	1	7500	U	7500	2300
100-02-7	4-NITROPHENOL	1	7500	U	7500	570
132-64-9	DIBENZOFURAN	1	3800	U	3800	570
121-14-2	2,4-DINITROTOLUENE	1	3800	U	3800	570
84-66-2	DIETHYL PHTHALATE	1	3800	U	3800	570
86-73-7	FLUORENE	1	3800	U	3800	570
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3800	U	3800	570
100-01-6	4-NITROANILINE	1	7500	U	7500	570
103-33-3	AZOBENZENE	1	3800	U	3800	570
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	15000	U	15000	3400
86-30-6	N-NITROSODIPHENYLAMINE	1	3800	U	3800	570
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3800	U	3800	570
118-74-1	HEXACHLOROBENZENE	1	3800	U	3800	790

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3800	U	3800	900
87-86-5	PENTACHLOROPHENOL	1	15000	U	15000	570
85-01-8	PHENANTHRENE	1	3800	U	3800	570
120-12-7	ANTHRACENE	1	3800	U	3800	570
86-74-8	CARBAZOLE	1	3800	U	3800	570
84-74-2	DI-N-BUTYL PHTHALATE	1	3800	U	3800	570
206-44-0	FLUORANTHENE	1	3800	U	3800	570
129-00-0	PYRENE	1	3800	U	3800	570
85-68-7	BUTYL BENZYL PHTHALATE	1	3800	U	3800	570
56-55-3	BENZO(A)ANTHRACENE	1	3800	U	3800	570
91-94-1	3,3'-DICHLOROBENZIDINE	1	3800	U	3800	570
218-01-9	CHRYSENE	1	3800	U	3800	570
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5700	U	5700	570
117-84-0	DI-N-OCTYL PHTHALATE	1	5700	U	5700	570
205-99-2	BENZO(B)FLUORANTHENE	1	3800	U	3800	570
207-08-9	BENZO(K)FLUORANTHENE	1	3800	U	3800	570
50-32-8	BENZO(A)PYRENE	1	3800	U	3800	570
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3800	U	3800	790
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3800	U	3800	570
191-24-2	BENZO(G,H,I)PERYLENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	21000		28300	74	25 - 127
321-60-8	2-FLUOROBIPHENYL	13100		18800	69	34 - 120
367-12-4	2-FLUOROPHENOL	20100		28300	71	38 - 120
4165-60-0	NITROBENZENE-D5	12700		18800	68	31 - 120
4165-62-2	PHENOL-D5	21600		28300	76	45 - 120
1718-51-0	TERPHENYL-D14	14400		18800	77	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	9900	U	9900	2000
62-75-9	N-NITROSODIMETHYLAMINE	1	3300	U	3300	690
62-53-3	ANILINE	1	3300	U	3300	500
108-95-2	PHENOL	1	3300	U	3300	500
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3300	U	3300	500
95-57-8	2-CHLOROPHENOL	1	3300	U	3300	500
541-73-1	1,3-DICHLOROBENZENE	1	3300	U	3300	500
106-46-7	1,4-DICHLOROBENZENE	1	3300	U	3300	500
95-50-1	1,2-DICHLOROBENZENE	1	3300	U	3300	500
100-51-6	BENZYL ALCOHOL	1	3300	U	3300	500
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3300	U	3300	590
95-48-7	2-METHYLPHENOL	1	3300	U	3300	500
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3300	U	3300	500
108-39-4	3+4-METHYLPHENOL	1	3300	U	3300	500
67-72-1	HEXACHLOROETHANE	1	3300	U	3300	500
98-95-3	NITROBENZENE	1	3300	U	3300	500
78-59-1	ISOPHORONE	1	3300	U	3300	500
88-75-5	2-NITROPHENOL	1	3300	U	3300	500
105-67-9	2,4-DIMETHYLPHENOL	1	3300	U	3300	500
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3300	U	3300	500
120-83-2	2,4-DICHLOROPHENOL	1	3300	U	3300	500
65-85-0	BENZOIC ACID	1	17000	U	17000	3500
120-82-1	1,2,4-TRICHLOROBENZENE	1	3300	U	3300	500
91-20-3	NAPHTHALENE	1	3300	U	3300	500
106-47-8	4-CHLOROANILINE	1	3300	U	3300	500
87-68-3	HEXACHLOROBUTADIENE	1	3300	U	3300	500

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3300	U	3300	500
91-57-6	2-METHYLNAPHTHALENE	1	3300	U	3300	500
90-12-0	1-METHYLNAPHTHALENE	1	3300	U	3300	500
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3300	U	3300	500
88-06-2	2,4,6-TRICHLOROPHENOL	1	3300	U	3300	500
95-95-4	2,4,5-TRICHLOROPHENOL	1	3300	U	3300	500
91-58-7	2-CHLORONAPHTHALENE	1	3300	U	3300	500
88-74-4	2-NITROANILINE	1	6600	U	6600	500
131-11-3	DIMETHYL PHTHALATE	1	3300	U	3300	500
606-20-2	2,6-DINITROTOLUENE	1	3300	U	3300	500
208-96-8	ACENAPHTHYLENE	1	3300	U	3300	500
99-09-2	3-NITROANILINE	1	6600	U	6600	500
83-32-9	ACENAPHTHENE	1	3300	U	3300	500
51-28-5	2,4-DINITROPHENOL	1	6600	U	6600	2000
100-02-7	4-NITROPHENOL	1	6600	U	6600	500
132-64-9	DIBENZOFURAN	1	3300	U	3300	500
121-14-2	2,4-DINITROTOLUENE	1	3300	U	3300	500
84-66-2	DIETHYL PHTHALATE	1	3300	U	3300	500
86-73-7	FLUORENE	1	3300	U	3300	500
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3300	U	3300	500
100-01-6	4-NITROANILINE	1	6600	U	6600	500
103-33-3	AZOBENZENE	1	3300	U	3300	500
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	13000	U	13000	3000
86-30-6	N-NITROSODIPHENYLAMINE	1	3300	U	3300	500
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3300	U	3300	500
118-74-1	HEXACHLOROBENZENE	1	3300	U	3300	690

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3300	U	3300	790
87-86-5	PENTACHLOROPHENOL	1	13000	U	13000	500
85-01-8	PHENANTHRENE	1	3300	U	3300	500
120-12-7	ANTHRACENE	1	3300	U	3300	500
86-74-8	CARBAZOLE	1	3300	U	3300	500
84-74-2	DI-N-BUTYL PHTHALATE	1	3300	U	3300	500
206-44-0	FLUORANTHENE	1	3300	U	3300	500
129-00-0	PYRENE	1	3300	U	3300	500
85-68-7	BUTYL BENZYL PHTHALATE	1	3300	U	3300	500
56-55-3	BENZO(A)ANTHRACENE	1	3300	U	3300	500
91-94-1	3,3'-DICHLOROBENZIDINE	1	3300	U	3300	500
218-01-9	CHRYSENE	1	3300	U	3300	500
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5000	U	5000	500
117-84-0	DI-N-OCTYL PHTHALATE	1	5000	U	5000	500
205-99-2	BENZO(B)FLUORANTHENE	1	3300	U	3300	500
207-08-9	BENZO(K)FLUORANTHENE	1	3300	U	3300	500
50-32-8	BENZO(A)PYRENE	1	3300	U	3300	500
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3300	U	3300	690
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3300	U	3300	500
191-24-2	BENZO(G,H,I)PERYLENE	1	3300	U	3300	500

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	18800		24800	76	25 - 127
321-60-8	2-FLUOROBIPHENYL	12100		16500	73	34 - 120
367-12-4	2-FLUOROPHENOL	18900		24800	76	38 - 120
4165-60-0	NITROBENZENE-D5	11800		16500	71	31 - 120
4165-62-2	PHENOL-D5	20000		24800	81	45 - 120
1718-51-0	TERPHENYL-D14	13300		16500	81	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	8500	U	8500	1700
62-75-9	N-NITROSODIMETHYLAMINE	1	2800	U	2800	590
62-53-3	ANILINE	1	2800	U	2800	420
108-95-2	PHENOL	1	2800	U	2800	420
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2800	U	2800	420
95-57-8	2-CHLOROPHENOL	1	2800	U	2800	420
541-73-1	1,3-DICHLOROBENZENE	1	2800	U	2800	420
106-46-7	1,4-DICHLOROBENZENE	1	2800	U	2800	420
95-50-1	1,2-DICHLOROBENZENE	1	2800	U	2800	420
100-51-6	BENZYL ALCOHOL	1	2800	U	2800	420
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2800	U	2800	510
95-48-7	2-METHYLPHENOL	1	2800	U	2800	420
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2800	U	2800	420
108-39-4	3+4-METHYLPHENOL	1	2800	U	2800	420
67-72-1	HEXACHLOROETHANE	1	2800	U	2800	420
98-95-3	NITROBENZENE	1	2800	U	2800	420
78-59-1	ISOPHORONE	1	2800	U	2800	420
88-75-5	2-NITROPHENOL	1	2800	U	2800	420
105-67-9	2,4-DIMETHYLPHENOL	1	2800	U	2800	420
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2800	U	2800	420
120-83-2	2,4-DICHLOROPHENOL	1	2800	U	2800	420
65-85-0	BENZOIC ACID	1	14000	U	14000	3000
120-82-1	1,2,4-TRICHLOROBENZENE	1	2800	U	2800	420
91-20-3	NAPHTHALENE	1	2800	U	2800	420
106-47-8	4-CHLOROANILINE	1	2800	U	2800	420
87-68-3	HEXACHLOROBUTADIENE	1	2800	U	2800	420

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2800	U	2800	420
91-57-6	2-METHYLNAPHTHALENE	1	2800	U	2800	420
90-12-0	1-METHYLNAPHTHALENE	1	2800	U	2800	420
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2800	U	2800	420
88-06-2	2,4,6-TRICHLOROPHENOL	1	2800	U	2800	420
95-95-4	2,4,5-TRICHLOROPHENOL	1	2800	U	2800	420
91-58-7	2-CHLORONAPHTHALENE	1	2800	U	2800	420
88-74-4	2-NITROANILINE	1	5600	U	5600	420
131-11-3	DIMETHYL PHTHALATE	1	2800	U	2800	420
606-20-2	2,6-DINITROTOLUENE	1	2800	U	2800	420
208-96-8	ACENAPHTHYLENE	1	2800	U	2800	420
99-09-2	3-NITROANILINE	1	5600	U	5600	420
83-32-9	ACENAPHTHENE	1	2800	U	2800	420
51-28-5	2,4-DINITROPHENOL	1	5600	U	5600	1700
100-02-7	4-NITROPHENOL	1	5600	U	5600	420
132-64-9	DIBENZOFURAN	1	2800	U	2800	420
121-14-2	2,4-DINITROTOLUENE	1	2800	U	2800	420
84-66-2	DIETHYL PHTHALATE	1	2800	U	2800	420
86-73-7	FLUORENE	1	2800	U	2800	420
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2800	U	2800	420
100-01-6	4-NITROANILINE	1	5600	U	5600	420
103-33-3	AZOBENZENE	1	2800	U	2800	420
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	11000	U	11000	2500
86-30-6	N-NITROSODIPHENYLAMINE	1	2800	U	2800	420
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2800	U	2800	420
118-74-1	HEXACHLOROBENZENE	1	2800	U	2800	590

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2800	U	2800	680
87-86-5	PENTACHLOROPHENOL	1	11000	U	11000	420
85-01-8	PHENANTHRENE	1	2800	U	2800	420
120-12-7	ANTHRACENE	1	2800	U	2800	420
86-74-8	CARBAZOLE	1	2800	U	2800	420
84-74-2	DI-N-BUTYL PHTHALATE	1	2800	U	2800	420
206-44-0	FLUORANTHENE	1	2800	U	2800	420
129-00-0	PYRENE	1	2800	U	2800	420
85-68-7	BUTYL BENZYL PHTHALATE	1	2800	U	2800	420
56-55-3	BENZO(A)ANTHRACENE	1	2800	U	2800	420
91-94-1	3,3'-DICHLOROBENZIDINE	1	2800	U	2800	420
218-01-9	CHRYSENE	1	2800	U	2800	420
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4200	U	4200	420
117-84-0	DI-N-OCTYL PHTHALATE	1	4200	U	4200	420
205-99-2	BENZO(B)FLUORANTHENE	1	2800	U	2800	420
207-08-9	BENZO(K)FLUORANTHENE	1	2800	U	2800	420
50-32-8	BENZO(A)PYRENE	1	2800	U	2800	420
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2800	U	2800	590
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2800	U	2800	420
191-24-2	BENZO(G,H,I)PERYLENE	1	2800	U	2800	420

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14700		21100	69	25 - 127
321-60-8	2-FLUOROBIPHENYL	9880		14100	70	34 - 120
367-12-4	2-FLUOROPHENOL	15500		21100	73	38 - 120
4165-60-0	NITROBENZENE-D5	9640		14100	68	31 - 120
4165-62-2	PHENOL-D5	16200		21100	77	45 - 120
1718-51-0	TERPHENYL-D14	10700		14100	76	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7000	U	7000	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	490
62-53-3	ANILINE	1	2300	U	2300	350
108-95-2	PHENOL	1	2300	U	2300	350
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	350
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	350
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	350
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	350
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	350
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	350
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	420
95-48-7	2-METHYLPHENOL	1	2300	U	2300	350
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	510	J	2300	350
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	350
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	350
98-95-3	NITROBENZENE	1	2300	U	2300	350
78-59-1	ISOPHORONE	1	2300	U	2300	350
88-75-5	2-NITROPHENOL	1	2300	U	2300	350
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	350
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	350
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	350
65-85-0	BENZOIC ACID	1	12000	U	12000	2400
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	350
91-20-3	NAPHTHALENE	1	2300	U	2300	350
106-47-8	4-CHLOROANILINE	1	2300	U	2300	350
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	350
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	350
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	350
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	350
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	350
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	350
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	350
88-74-4	2-NITROANILINE	1	4600	U	4600	350
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	350
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	350
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	350
99-09-2	3-NITROANILINE	1	4600	U	4600	350
83-32-9	ACENAPHTHENE	1	2300	U	2300	350
51-28-5	2,4-DINITROPHENOL	1	4600	U	4600	1400
100-02-7	4-NITROPHENOL	1	4600	U	4600	350
132-64-9	DIBENZOFURAN	1	2300	U	2300	350
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	350
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	350
86-73-7	FLUORENE	1	2300	U	2300	350
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	350
100-01-6	4-NITROANILINE	1	4600	U	4600	350
103-33-3	AZOBENZENE	1	2300	U	2300	350
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9300	U	9300	2100
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	350
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	350
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	490

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	560
87-86-5	PENTACHLOROPHENOL	1	9300	U	9300	350
85-01-8	PHENANTHRENE	1	2300	U	2300	350
120-12-7	ANTHRACENE	1	2300	U	2300	350
86-74-8	CARBAZOLE	1	2300	U	2300	350
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	350
206-44-0	FLUORANTHENE	1	2300	U	2300	350
129-00-0	PYRENE	1	2300	U	2300	350
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	350
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	350
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	350
218-01-9	CHRYSENE	1	2300	U	2300	350
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3500	U	3500	350
117-84-0	DI-N-OCTYL PHTHALATE	1	3500	U	3500	350
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	350
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	350
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	350
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	490
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	350
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13700		17400	79	25 - 127
321-60-8	2-FLUOROBIPHENYL	8500		11600	73	34 - 120
367-12-4	2-FLUOROPHENOL	13200		17400	76	38 - 120
4165-60-0	NITROBENZENE-D5	8260		11600	71	31 - 120
4165-62-2	PHENOL-D5	14000		17400	80	45 - 120
1718-51-0	TERPHENYL-D14	9440		11600	81	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7200	U	7200	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2400	U	2400	500
62-53-3	ANILINE	1	2400	U	2400	360
108-95-2	PHENOL	1	2400	U	2400	360
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2400	U	2400	360
95-57-8	2-CHLOROPHENOL	1	2400	U	2400	360
541-73-1	1,3-DICHLOROBENZENE	1	2400	U	2400	360
106-46-7	1,4-DICHLOROBENZENE	1	2400	U	2400	360
95-50-1	1,2-DICHLOROBENZENE	1	2400	U	2400	360
100-51-6	BENZYL ALCOHOL	1	2400	U	2400	360
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2400	U	2400	430
95-48-7	2-METHYLPHENOL	1	2400	U	2400	360
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2400	U	2400	360
108-39-4	3+4-METHYLPHENOL	1	2700		2400	360
67-72-1	HEXACHLOROETHANE	1	2400	U	2400	360
98-95-3	NITROBENZENE	1	2400	U	2400	360
78-59-1	ISOPHORONE	1	2400	U	2400	360
88-75-5	2-NITROPHENOL	1	2400	U	2400	360
105-67-9	2,4-DIMETHYLPHENOL	1	2400	U	2400	360
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2400	U	2400	360
120-83-2	2,4-DICHLOROPHENOL	1	2400	U	2400	360
65-85-0	BENZOIC ACID	1	12000	U	12000	2500
120-82-1	1,2,4-TRICHLOROBENZENE	1	2400	U	2400	360
91-20-3	NAPHTHALENE	1	2400	U	2400	360
106-47-8	4-CHLOROANILINE	1	2400	U	2400	360
87-68-3	HEXACHLOROBUTADIENE	1	2400	U	2400	360

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2400	U	2400	360
91-57-6	2-METHYLNAPHTHALENE	1	2400	U	2400	360
90-12-0	1-METHYLNAPHTHALENE	1	2400	U	2400	360
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2400	U	2400	360
88-06-2	2,4,6-TRICHLOROPHENOL	1	2400	U	2400	360
95-95-4	2,4,5-TRICHLOROPHENOL	1	2400	U	2400	360
91-58-7	2-CHLORONAPHTHALENE	1	2400	U	2400	360
88-74-4	2-NITROANILINE	1	4800	U	4800	360
131-11-3	DIMETHYL PHTHALATE	1	2400	U	2400	360
606-20-2	2,6-DINITROTOLUENE	1	2400	U	2400	360
208-96-8	ACENAPHTHYLENE	1	2400	U	2400	360
99-09-2	3-NITROANILINE	1	4800	U	4800	360
83-32-9	ACENAPHTHENE	1	2400	U	2400	360
51-28-5	2,4-DINITROPHENOL	1	4800	U	4800	1400
100-02-7	4-NITROPHENOL	1	4800	U	4800	360
132-64-9	DIBENZOFURAN	1	2400	U	2400	360
121-14-2	2,4-DINITROTOLUENE	1	2400	U	2400	360
84-66-2	DIETHYL PHTHALATE	1	2400	U	2400	360
86-73-7	FLUORENE	1	2400	U	2400	360
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2400	U	2400	360
100-01-6	4-NITROANILINE	1	4800	U	4800	360
103-33-3	AZOBENZENE	1	2400	U	2400	360
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9600	U	9600	2200
86-30-6	N-NITROSODIPHENYLAMINE	1	2400	U	2400	360
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2400	U	2400	360
118-74-1	HEXACHLOROBENZENE	1	2400	U	2400	500

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2400	U	2400	580
87-86-5	PENTACHLOROPHENOL	1	9600	U	9600	360
85-01-8	PHENANTHRENE	1	2400	U	2400	360
120-12-7	ANTHRACENE	1	2400	U	2400	360
86-74-8	CARBAZOLE	1	2400	U	2400	360
84-74-2	DI-N-BUTYL PHTHALATE	1	2400	U	2400	360
206-44-0	FLUORANTHENE	1	2400	U	2400	360
129-00-0	PYRENE	1	2400	U	2400	360
85-68-7	BUTYL BENZYL PHTHALATE	1	2400	U	2400	360
56-55-3	BENZO(A)ANTHRACENE	1	2400	U	2400	360
91-94-1	3,3'-DICHLOROBENZIDINE	1	2400	U	2400	360
218-01-9	CHRYSENE	1	2400	U	2400	360
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3600	U	3600	360
117-84-0	DI-N-OCTYL PHTHALATE	1	3600	U	3600	360
205-99-2	BENZO(B)FLUORANTHENE	1	2400	U	2400	360
207-08-9	BENZO(K)FLUORANTHENE	1	2400	U	2400	360
50-32-8	BENZO(A)PYRENE	1	2400	U	2400	360
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2400	U	2400	500
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2400	U	2400	360
191-24-2	BENZO(G,H,I)PERYLENE	1	2400	U	2400	360

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	15400		18000	85	25 - 127
321-60-8	2-FLUOROBIPHENYL	9720		12000	81	34 - 120
367-12-4	2-FLUOROPHENOL	14400		18000	80	38 - 120
4165-60-0	NITROBENZENE-D5	9020		12000	75	31 - 120
4165-62-2	PHENOL-D5	15600		18000	87	45 - 120
1718-51-0	TERPHENYL-D14	10700		12000	89	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7800	U	7800	1600
62-75-9	N-NITROSODIMETHYLAMINE	1	2600	U	2600	550
62-53-3	ANILINE	1	2600	U	2600	390
108-95-2	PHENOL	1	2600	U	2600	390
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2600	U	2600	390
95-57-8	2-CHLOROPHENOL	1	2600	U	2600	390
541-73-1	1,3-DICHLOROBENZENE	1	2600	U	2600	390
106-46-7	1,4-DICHLOROBENZENE	1	2600	U	2600	390
95-50-1	1,2-DICHLOROBENZENE	1	2600	U	2600	390
100-51-6	BENZYL ALCOHOL	1	2600	U	2600	390
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2600	U	2600	470
95-48-7	2-METHYLPHENOL	1	2600	U	2600	390
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2600	U	2600	390
108-39-4	3+4-METHYLPHENOL	1	2600	U	2600	390
67-72-1	HEXACHLOROETHANE	1	2600	U	2600	390
98-95-3	NITROBENZENE	1	2600	U	2600	390
78-59-1	ISOPHORONE	1	2600	U	2600	390
88-75-5	2-NITROPHENOL	1	2600	U	2600	390
105-67-9	2,4-DIMETHYLPHENOL	1	2600	U	2600	390
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2600	U	2600	390
120-83-2	2,4-DICHLOROPHENOL	1	2600	U	2600	390
65-85-0	BENZOIC ACID	1	13000	U	13000	2700
120-82-1	1,2,4-TRICHLOROBENZENE	1	2600	U	2600	390
91-20-3	NAPHTHALENE	1	2600	U	2600	390
106-47-8	4-CHLOROANILINE	1	2600	U	2600	390
87-68-3	HEXACHLOROBUTADIENE	1	2600	U	2600	390

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2600	U	2600	390
91-57-6	2-METHYLNAPHTHALENE	1	2600	U	2600	390
90-12-0	1-METHYLNAPHTHALENE	1	2600	U	2600	390
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2600	U	2600	390
88-06-2	2,4,6-TRICHLOROPHENOL	1	2600	U	2600	390
95-95-4	2,4,5-TRICHLOROPHENOL	1	2600	U	2600	390
91-58-7	2-CHLORONAPHTHALENE	1	2600	U	2600	390
88-74-4	2-NITROANILINE	1	5200	U	5200	390
131-11-3	DIMETHYL PHTHALATE	1	2600	U	2600	390
606-20-2	2,6-DINITROTOLUENE	1	2600	U	2600	390
208-96-8	ACENAPHTHYLENE	1	2600	U	2600	390
99-09-2	3-NITROANILINE	1	5200	U	5200	390
83-32-9	ACENAPHTHENE	1	2600	U	2600	390
51-28-5	2,4-DINITROPHENOL	1	5200	U	5200	1600
100-02-7	4-NITROPHENOL	1	5200	U	5200	390
132-64-9	DIBENZOFURAN	1	2600	U	2600	390
121-14-2	2,4-DINITROTOLUENE	1	2600	U	2600	390
84-66-2	DIETHYL PHTHALATE	1	2600	U	2600	390
86-73-7	FLUORENE	1	2600	U	2600	390
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2600	U	2600	390
100-01-6	4-NITROANILINE	1	5200	U	5200	390
103-33-3	AZOBENZENE	1	2600	U	2600	390
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	10000	U	10000	2400
86-30-6	N-NITROSODIPHENYLAMINE	1	2600	U	2600	390
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2600	U	2600	390
118-74-1	HEXACHLOROBENZENE	1	2600	U	2600	550

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2600	U	2600	630
87-86-5	PENTACHLOROPHENOL	1	10000	U	10000	390
85-01-8	PHENANTHRENE	1	2600	U	2600	390
120-12-7	ANTHRACENE	1	2600	U	2600	390
86-74-8	CARBAZOLE	1	2600	U	2600	390
84-74-2	DI-N-BUTYL PHTHALATE	1	2600	U	2600	390
206-44-0	FLUORANTHENE	1	2600	U	2600	390
129-00-0	PYRENE	1	2600	U	2600	390
85-68-7	BUTYL BENZYL PHTHALATE	1	2600	U	2600	390
56-55-3	BENZO(A)ANTHRACENE	1	2600	U	2600	390
91-94-1	3,3'-DICHLOROBENZIDINE	1	2600	U	2600	390
218-01-9	CHRYSENE	1	2600	U	2600	390
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3900	U	3900	390
117-84-0	DI-N-OCTYL PHTHALATE	1	3900	U	3900	390
205-99-2	BENZO(B)FLUORANTHENE	1	2600	U	2600	390
207-08-9	BENZO(K)FLUORANTHENE	1	2600	U	2600	390
50-32-8	BENZO(A)PYRENE	1	2600	U	2600	390
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2600	U	2600	550
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2600	U	2600	390
191-24-2	BENZO(G,H,I)PERYLENE	1	2600	U	2600	390

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	16700		19600	85	25 - 127
321-60-8	2-FLUOROBIPHENYL	10300		13100	79	34 - 120
367-12-4	2-FLUOROPHENOL	15600		19600	79	38 - 120
4165-60-0	NITROBENZENE-D5	9730		13100	74	31 - 120
4165-62-2	PHENOL-D5	16800		19600	86	45 - 120
1718-51-0	TERPHENYL-D14	11400		13100	87	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	62000	U	62000	12000
62-75-9	N-NITROSODIMETHYLAMINE	2	21000	U	21000	4300
62-53-3	ANILINE	2	21000	U	21000	3100
108-95-2	PHENOL	2	21000	U	21000	3100
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	21000	U	21000	3100
95-57-8	2-CHLOROPHENOL	2	21000	U	21000	3100
541-73-1	1,3-DICHLOROBENZENE	2	21000	U	21000	3100
106-46-7	1,4-DICHLOROBENZENE	2	21000	U	21000	3100
95-50-1	1,2-DICHLOROBENZENE	2	21000	U	21000	3100
100-51-6	BENZYL ALCOHOL	2	21000	U	21000	3100
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	21000	U	21000	3700
95-48-7	2-METHYLPHENOL	2	21000	U	21000	3100
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	21000	U	21000	3100
108-39-4	3+4-METHYLPHENOL	2	21000	U	21000	3100
67-72-1	HEXACHLOROETHANE	2	21000	U	21000	3100
98-95-3	NITROBENZENE	2	21000	U	21000	3100
78-59-1	ISOPHORONE	2	21000	U	21000	3100
88-75-5	2-NITROPHENOL	2	21000	U	21000	3100
105-67-9	2,4-DIMETHYLPHENOL	2	21000	U	21000	3100
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	21000	U	21000	3100
120-83-2	2,4-DICHLOROPHENOL	2	21000	U	21000	3100
65-85-0	BENZOIC ACID	2	100000	U	100000	22000
120-82-1	1,2,4-TRICHLOROBENZENE	2	21000	U	21000	3100
91-20-3	NAPHTHALENE	2	21000	U	21000	3100
106-47-8	4-CHLOROANILINE	2	21000	U	21000	3100
87-68-3	HEXACHLOROBUTADIENE	2	21000	U	21000	3100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	21000	U	21000	3100
91-57-6	2-METHYLNAPHTHALENE	2	21000	U	21000	3100
90-12-0	1-METHYLNAPHTHALENE	2	21000	U	21000	3100
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	21000	U	21000	3100
88-06-2	2,4,6-TRICHLOROPHENOL	2	21000	U	21000	3100
95-95-4	2,4,5-TRICHLOROPHENOL	2	21000	U	21000	3100
91-58-7	2-CHLORONAPHTHALENE	2	21000	U	21000	3100
88-74-4	2-NITROANILINE	2	41000	U	41000	3100
131-11-3	DIMETHYL PHTHALATE	2	21000	U	21000	3100
606-20-2	2,6-DINITROTOLUENE	2	21000	U	21000	3100
208-96-8	ACENAPHTHYLENE	2	21000	U	21000	3100
99-09-2	3-NITROANILINE	2	41000	U	41000	3100
83-32-9	ACENAPHTHENE	2	21000	U	21000	3100
51-28-5	2,4-DINITROPHENOL	2	41000	U	41000	12000
100-02-7	4-NITROPHENOL	2	41000	U	41000	3100
132-64-9	DIBENZOFURAN	2	21000	U	21000	3100
121-14-2	2,4-DINITROTOLUENE	2	21000	U	21000	3100
84-66-2	DIETHYL PHTHALATE	2	21000	U	21000	3100
86-73-7	FLUORENE	2	21000	U	21000	3100
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	21000	U	21000	3100
100-01-6	4-NITROANILINE	2	41000	U	41000	3100
103-33-3	AZOBENZENE	2	21000	U	21000	3100
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	82000	U	82000	19000
86-30-6	N-NITROSODIPHENYLAMINE	2	21000	U	21000	3100
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	21000	U	21000	3100
118-74-1	HEXACHLOROBENZENE	2	21000	U	21000	4300

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	21000	U	21000	4900
87-86-5	PENTACHLOROPHENOL	2	82000	U	82000	3100
85-01-8	PHENANTHRENE	2	21000	U	21000	3100
120-12-7	ANTHRACENE	2	21000	U	21000	3100
86-74-8	CARBAZOLE	2	21000	U	21000	3100
84-74-2	DI-N-BUTYL PHTHALATE	2	21000	U	21000	3100
206-44-0	FLUORANTHENE	2	21000	U	21000	3100
129-00-0	PYRENE	2	21000	U	21000	3100
85-68-7	BUTYL BENZYL PHTHALATE	2	21000	U	21000	3100
56-55-3	BENZO(A)ANTHRACENE	2	21000	U	21000	3100
91-94-1	3,3'-DICHLOROBENZIDINE	2	21000	U	21000	3100
218-01-9	CHRYSENE	2	21000	U	21000	3100
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	31000	U	31000	3100
117-84-0	DI-N-OCTYL PHTHALATE	2	31000	U	31000	3100
205-99-2	BENZO(B)FLUORANTHENE	2	21000	U	21000	3100
207-08-9	BENZO(K)FLUORANTHENE	2	21000	U	21000	3100
50-32-8	BENZO(A)PYRENE	2	21000	U	21000	3100
193-39-5	INDENO(1,2,3-CD)PYRENE	2	21000	U	21000	4300
53-70-3	DIBENZO(A,H)ANTHRACENE	2	21000	U	21000	3100
191-24-2	BENZO(G,H,I)PERYLENE	2	21000	U	21000	3100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10900		15500	71	25 - 127
321-60-8	2-FLUOROBIPHENYL	7160		10300	69	34 - 120
367-12-4	2-FLUOROPHENOL	9710		15500	63	38 - 120
4165-60-0	NITROBENZENE-D5	7170		10300	70	31 - 120
4165-62-2	PHENOL-D5	9700		15500	63	45 - 120
1718-51-0	TERPHENYL-D14	7380		10300	72	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	14000	U	14000	2800
62-75-9	N-NITROSODIMETHYLAMINE	2	4600	U	4600	970
62-53-3	ANILINE	2	4600	U	4600	690
108-95-2	PHENOL	2	4600	U	4600	690
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	4600	U	4600	690
95-57-8	2-CHLOROPHENOL	2	4600	U	4600	690
541-73-1	1,3-DICHLOROBENZENE	2	4600	U	4600	690
106-46-7	1,4-DICHLOROBENZENE	2	4600	U	4600	690
95-50-1	1,2-DICHLOROBENZENE	2	4600	U	4600	690
100-51-6	BENZYL ALCOHOL	2	4600	U	4600	690
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	4600	U	4600	830
95-48-7	2-METHYLPHENOL	2	4600	U	4600	690
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	4600	U	4600	690
108-39-4	3+4-METHYLPHENOL	2	4600	U	4600	690
67-72-1	HEXACHLOROETHANE	2	4600	U	4600	690
98-95-3	NITROBENZENE	2	4600	U	4600	690
78-59-1	ISOPHORONE	2	4600	U	4600	690
88-75-5	2-NITROPHENOL	2	4600	U	4600	690
105-67-9	2,4-DIMETHYLPHENOL	2	4600	U	4600	690
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	4600	U	4600	690
120-83-2	2,4-DICHLOROPHENOL	2	4600	U	4600	690
65-85-0	BENZOIC ACID	2	19000	J	23000	4800
120-82-1	1,2,4-TRICHLOROBENZENE	2	4600	U	4600	690
91-20-3	NAPHTHALENE	2	2500	J	4600	690
106-47-8	4-CHLOROANILINE	2	4600	U	4600	690
87-68-3	HEXACHLOROBUTADIENE	2	4600	U	4600	690

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	4600	U	4600	690
91-57-6	2-METHYLNAPHTHALENE	2	5400		4600	690
90-12-0	1-METHYLNAPHTHALENE	2	7700		4600	690
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	4600	U	4600	690
88-06-2	2,4,6-TRICHLOROPHENOL	2	4600	U	4600	690
95-95-4	2,4,5-TRICHLOROPHENOL	2	4600	U	4600	690
91-58-7	2-CHLORONAPHTHALENE	2	4600	U	4600	690
88-74-4	2-NITROANILINE	2	9200	U	9200	690
131-11-3	DIMETHYL PHTHALATE	2	4600	U	4600	690
606-20-2	2,6-DINITROTOLUENE	2	4600	U	4600	690
208-96-8	ACENAPHTHYLENE	2	4600	U	4600	690
99-09-2	3-NITROANILINE	2	9200	U	9200	690
83-32-9	ACENAPHTHENE	2	4600	U	4600	690
51-28-5	2,4-DINITROPHENOL	2	9200	U	9200	2800
100-02-7	4-NITROPHENOL	2	9200	U	9200	690
132-64-9	DIBENZOFURAN	2	2400	J	4600	690
121-14-2	2,4-DINITROTOLUENE	2	4600	U	4600	690
84-66-2	DIETHYL PHTHALATE	2	4600	U	4600	690
86-73-7	FLUORENE	2	4600	U	4600	690
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	4600	U	4600	690
100-01-6	4-NITROANILINE	2	9200	U	9200	690
103-33-3	AZOBENZENE	2	4600	U	4600	690
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	18000	U	18000	4100
86-30-6	N-NITROSODIPHENYLAMINE	2	4600	U	4600	690
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	4600	U	4600	690
118-74-1	HEXACHLOROBENZENE	2	4600	U	4600	970

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	4600	U	4600	1100
87-86-5	PENTACHLOROPHENOL	2	18000	U	18000	690
85-01-8	PHENANTHRENE	2	4200	J	4600	690
120-12-7	ANTHRACENE	2	4600	U	4600	690
86-74-8	CARBAZOLE	2	4600	U	4600	690
84-74-2	DI-N-BUTYL PHTHALATE	2	4600	U	4600	690
206-44-0	FLUORANTHENE	2	2100	J	4600	690
129-00-0	PYRENE	2	1600	J	4600	690
85-68-7	BUTYL BENZYL PHTHALATE	2	4600	U	4600	690
56-55-3	BENZO(A)ANTHRACENE	2	4600	U	4600	690
91-94-1	3,3'-DICHLOROBENZIDINE	2	4600	U	4600	690
218-01-9	CHRYSENE	2	1500	J	4600	690
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	6900	U	6900	690
117-84-0	DI-N-OCTYL PHTHALATE	2	6900	U	6900	690
205-99-2	BENZO(B)FLUORANTHENE	2	4600	U	4600	690
207-08-9	BENZO(K)FLUORANTHENE	2	4600	U	4600	690
50-32-8	BENZO(A)PYRENE	2	4600	U	4600	690
193-39-5	INDENO(1,2,3-CD)PYRENE	2	4600	U	4600	970
53-70-3	DIBENZO(A,H)ANTHRACENE	2	4600	U	4600	690
191-24-2	BENZO(G,H,I)PERYLENE	2	4600	U	4600	690

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13800		17200	80	25 - 127
321-60-8	2-FLUOROBIPHENYL	9170		11500	80	34 - 120
367-12-4	2-FLUOROPHENOL	13700		17200	79	38 - 120
4165-60-0	NITROBENZENE-D5	9800		11500	85	31 - 120
4165-62-2	PHENOL-D5	14400		17200	84	45 - 120
1718-51-0	TERPHENYL-D14	9550		11500	83	39 - 120

Data Package ID: *SV2202436-1*

Supporting QA/QC Data

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: ex220302-1

QC Batch ID: ex220302-1-1

Date Extracted: 3/2/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-15	BT-P2-AOI-09-04	2/22/2022	2/24/2022	81	80	83	84	84	82	
2202436-16	BT-P2-AOI-09-03	2/22/2022	2/24/2022	92	84	88	80	87	85	
2202436-2	BT-P2-AOI-03-01	2/22/2022	2/24/2022	43	47	38	44	40	46	
2202436-3	BT-P2-AOI-03-02	2/22/2022	2/24/2022	43	47	39	47	38	47	
2202436-4	BT-P2-AOI-03-03	2/22/2022	2/24/2022	31	34	29	34	8	34	
2202436-7	BT-P2-AOI-03-06	2/22/2022	2/24/2022	20	22	19	24	19	23	
2202436-8	BT-P2-AOI-03-07	2/22/2022	2/24/2022	22	24	22	24	22	24	
ex220302-1MB	XXXXXXX	NA	XXXXXXX	81	79	86	78	87	88	
ex220302-1LCS	XXXXXXX	NA	XXXXXXX	71	65	69	68	71	71	
2202436-1	BT-P2-AOI-02-01	2/22/2022	2/24/2022	20	21	23	21	23	22	
2202436-1MS	BT-P2-AOI-02-01	2/22/2022	2/24/2022	42	39	41	42	42	41	
2202436-1MSD	BT-P2-AOI-02-01	2/22/2022	2/24/2022	40	38	41	41	42	40	
2202436-9	BT-P2-AOI-09-08	2/22/2022	2/24/2022	40	37	41	38	40	40	
2202436-11	BT-P2-AOI-09-09	2/22/2022	2/24/2022	34	31	33	32	34	33	
2202436-12	BT-P2-AOI-09-02	2/22/2022	2/24/2022	66	66	66	70	65	67	
2202436-13	BT-P2-AOI-09-01	2/22/2022	2/24/2022	48	46	50	46	51	48	
2202436-14	BT-PS-AOI-09-10	2/22/2022	2/24/2022	42	39	41	39	42	40	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2
QC Batch ID: EX220303-2-1
Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
EX220303-2MB	XXXXXXX	NA	XXXXXXX	83	80	87	78	89	93	
EX220303-2LCS	XXXXXXX	NA	XXXXXXX	95	86	92	90	95	95	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2

QC Batch ID: EX220303-2-1

Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-17	BT-P2-AOI-09-06	2/22/2022	2/24/2022	62	61	65	65	65	63	
2202436-10	BT-P2-AOI-09-07	2/22/2022	2/24/2022	81	77	78	73	83	82	
2202436-10MS	BT-P2-AOI-09-07	2/22/2022	2/24/2022	82	76	77	77	82	81	
2202436-10MSD	BT-P2-AOI-09-07	2/22/2022	2/24/2022	78	72	70	70	76	78	
2202436-5	BT-P2-AOI-03-04	2/22/2022	2/24/2022	60	64	49	63	50	67	
2202436-6	BT-P2-AOI-03-05	2/22/2022	2/24/2022	77	71	69	70	68	75	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2

QC Batch ID: EX220303-2-1

Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-18	BT-P2-AOI-09-05	2/22/2022	2/24/2022	88	84	89	84	94	90	
2202436-19	BT-P2-AOI-08-02	2/22/2022	2/24/2022	71	70	72	67	77	73	
2202436-20	BT-P2-AOI-08-01	2/22/2022	2/24/2022	70	66	70	65	73	70	
2202436-21	BT-P2-AOI-07-02	2/22/2022	2/24/2022	86	81	85	79	89	88	
2202436-23	BT-P2-AOI-04-01	2/22/2022	2/24/2022	75	71	73	68	77	75	
2202436-24	BT-P2-AOI-06-01	2/22/2022	2/24/2022	78	77	79	74	84	82	
2202436-25	BT-P2-AOI-06-03	2/22/2022	2/24/2022	75	74	79	74	82	81	
2202436-27	BT-P2-AOI-06-05	2/22/2022	2/24/2022	76	73	76	71	81	81	
2202436-28	BT-P2-AOI-06-06	2/22/2022	2/24/2022	69	70	73	68	77	76	
2202436-29	BT-P2-AOI-07-01	2/22/2022	2/24/2022	79	73	76	71	80	81	
2202436-31	BT-P2-AOI-04-01-DUP	2/22/2022	2/24/2022	85	79	79	74	86	87	
2202436-30	BT-P2-AOI-06-02	2/22/2022	2/24/2022	85	81	80	75	87	89	
2202436-26	BT-P2-AOI-06-04	2/22/2022	2/24/2022	74	69	71	68	76	77	
2202436-33	BT-P2-AOI-09-06-DUP	2/22/2022	2/24/2022	80	80	79	85	84	83	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2
QC Batch ID: EX220303-2-1
Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-22	BT-P2-AOI-05-01	2/22/2022	2/24/2022	81	73	71	68	77	79	
2202436-32	BT-P2-AOI-03-04-DUP	2/22/2022	2/24/2022	71	69	63	70	63	72	

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	2670	1480	2000	J	56	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	2670	1640	667		62	51 - 120%
62-53-3	ANILINE	2670	1380	667		52	52 - 120%
108-95-2	PHENOL	2670	1850	667		69	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	2670	1640	667		61	56 - 120%
95-57-8	2-CHLOROPHENOL	2670	1810	667		68	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	2670	1560	667	*	58	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	2670	1610	667	*	60	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	2670	1630	667	*	61	62 - 120%
100-51-6	BENZYL ALCOHOL	2670	1820	667		68	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2670	1690	667		63	41 - 120%
95-48-7	2-METHYLPHENOL	2670	1850	667		69	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2670	1790	667		67	56 - 120%
108-39-4	3+4-METHYLPHENOL	2670	1930	667		72	62 - 120%
67-72-1	HEXACHLOROETHANE	2670	1750	667		66	58 - 120%
98-95-3	NITROBENZENE	2670	1790	667		67	61 - 120%
78-59-1	ISOPHORONE	2670	1660	667		62	58 - 120%
88-75-5	2-NITROPHENOL	2670	2080	667		78	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	2670	1780	667		67	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2670	1740	667		65	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	2670	1810	667		68	68 - 120%
65-85-0	BENZOIC ACID	6670	2490	3330	J	37	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	2670	1540	667	*	58	63 - 120%
91-20-3	NAPHTHALENE	2670	1630	667	*	61	64 - 120%
106-47-8	4-CHLOROANILINE	2670	1230	667	*	46	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	2670	1510	667	*	57	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	2670	1960	667		73	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	2670	1600	667	*	60	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	2670	1690	667	*	63	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	2670	825	667		31	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	2670	1720	667	*	64	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	2670	1850	667		69	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	2670	1760	667	*	66	71 - 120%
88-74-4	2-NITROANILINE	2670	2120	1330		79	69 - 120%
131-11-3	DIMETHYL PHTHALATE	2670	1870	667	*	70	76 - 120%
606-20-2	2,6-DINITROTOLUENE	2670	1850	667	*	69	71 - 120%
208-96-8	ACENAPHTHYLENE	2670	1680	667	*	63	67 - 120%
99-09-2	3-NITROANILINE	2670	1810	1330		68	66 - 120%
83-32-9	ACENAPHTHENE	2670	1700	667		64	63 - 120%
51-28-5	2,4-DINITROPHENOL	2670	584	1330	J*	22	25 - 132%
100-02-7	4-NITROPHENOL	2670	1910	1330		72	27 - 138%
132-64-9	DIBENZOFURAN	2670	1740	667	*	65	75 - 120%
121-14-2	2,4-DINITROTOLUENE	2670	2000	667		75	54 - 120%
84-66-2	DIETHYL PHTHALATE	2670	1910	667	*	72	74 - 120%
86-73-7	FLUORENE	2670	1810	667	*	68	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2670	1730	667	*	65	73 - 120%
100-01-6	4-NITROANILINE	2670	1930	1330		72	65 - 120%
103-33-3	AZOBENZENE	2670	1890	667		71	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2670	1160	2670	J*	43	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	2670	1840	667	*	69	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	2670	1790	667		67	63 - 120%
118-74-1	HEXACHLOROBENZENE	2670	1770	667		66	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2670	1650	667		62	60 - 120%
87-86-5	PENTACHLOROPHENOL	2670	1510	2670	J	57	1 - 145%
85-01-8	PHENANTHRENE	2670	1830	667		69	69 - 120%
120-12-7	ANTHRACENE	2670	1860	667		70	67 - 120%
86-74-8	CARBAZOLE	2670	1930	667		72	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	2670	2060	667		77	71 - 120%
206-44-0	FLUORANTHENE	2670	1870	667		70	66 - 120%
129-00-0	PYRENE	2670	1870	667		70	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	2670	2210	667		83	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	2670	1740	667	*	65	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	5330	3250	667	*	61	67 - 120%
218-01-9	CHRYSENE	2670	1790	667	*	67	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2670	2220	1000		83	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	2670	2510	1000		94	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	2670	1750	667		65	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	2670	1760	667		66	66 - 120%
50-32-8	BENZO(A)PYRENE	2670	1750	667		66	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	2670	1670	667		62	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	2670	1820	667		68	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	2670	1750	667		66	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3540		5000	71	25 - 127
321-60-8	2-FLUOROBIPHENYL	2160		3330	65	34 - 120
367-12-4	2-FLUOROPHENOL	3450		5000	69	38 - 120
4165-60-0	NITROBENZENE-D5	2270		3330	68	31 - 120
4165-62-2	PHENOL-D5	3570		5000	71	45 - 120
1718-51-0	TERPHENYL-D14	2360		3330	71	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	2670	1880	2000	J	71	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	2670	2130	667		80	51 - 120%
62-53-3	ANILINE	2670	1630	667		61	52 - 120%
108-95-2	PHENOL	2670	2450	667		92	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	2670	2140	667		80	56 - 120%
95-57-8	2-CHLOROPHENOL	2670	2420	667		91	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	2670	2030	667		76	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	2670	2100	667		79	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	2670	2120	667		79	62 - 120%
100-51-6	BENZYL ALCOHOL	2670	2440	667		92	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2670	2220	667		83	41 - 120%
95-48-7	2-METHYLPHENOL	2670	2450	667		92	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2670	2440	667		91	56 - 120%
108-39-4	3+4-METHYLPHENOL	2670	2540	667		95	62 - 120%
67-72-1	HEXACHLOROETHANE	2670	2280	667		85	58 - 120%
98-95-3	NITROBENZENE	2670	2380	667		89	61 - 120%
78-59-1	ISOPHORONE	2670	2290	667		86	58 - 120%
88-75-5	2-NITROPHENOL	2670	2680	667		100	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	2670	2370	667		89	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2670	2320	667		87	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	2670	2380	667		89	68 - 120%
65-85-0	BENZOIC ACID	6670	3350	3330		50	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	2670	2050	667		77	63 - 120%
91-20-3	NAPHTHALENE	2670	2150	667		81	64 - 120%
106-47-8	4-CHLOROANILINE	2670	1220	667	*	46	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	2670	2000	667		75	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	2670	2630	667		98	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	2670	2110	667		79	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	2670	2220	667		83	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	2670	2160	667		81	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	2670	2300	667		86	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	2670	2450	667		92	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	2670	2350	667		88	71 - 120%
88-74-4	2-NITROANILINE	2670	2830	1330		106	69 - 120%
131-11-3	DIMETHYL PHTHALATE	2670	2460	667		92	76 - 120%
606-20-2	2,6-DINITROTOLUENE	2670	2440	667		91	71 - 120%
208-96-8	ACENAPHTHYLENE	2670	2240	667		84	67 - 120%
99-09-2	3-NITROANILINE	2670	2080	1330		78	66 - 120%
83-32-9	ACENAPHTHENE	2670	2290	667		86	63 - 120%
51-28-5	2,4-DINITROPHENOL	2670	1070	1330	J	40	25 - 132%
100-02-7	4-NITROPHENOL	2670	2590	1330		97	27 - 138%
132-64-9	DIBENZOFURAN	2670	2310	667		86	75 - 120%
121-14-2	2,4-DINITROTOLUENE	2670	2610	667		98	54 - 120%
84-66-2	DIETHYL PHTHALATE	2670	2550	667		96	74 - 120%
86-73-7	FLUORENE	2670	2400	667		90	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2670	2320	667		87	73 - 120%
100-01-6	4-NITROANILINE	2670	2410	1330		90	65 - 120%
103-33-3	AZOBENZENE	2670	2530	667		95	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2670	1960	2670	J	73	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	2670	2450	667		92	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	2670	2380	667		89	63 - 120%
118-74-1	HEXACHLOROBENZENE	2670	2400	667		90	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2670	2280	667		85	60 - 120%
87-86-5	PENTACHLOROPHENOL	2670	2190	2670	J	82	1 - 145%
85-01-8	PHENANTHRENE	2670	2450	667		92	69 - 120%
120-12-7	ANTHRACENE	2670	2470	667		93	67 - 120%
86-74-8	CARBAZOLE	2670	2580	667		97	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	2670	2710	667		102	71 - 120%
206-44-0	FLUORANTHENE	2670	2490	667		93	66 - 120%
129-00-0	PYRENE	2670	2510	667		94	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	2670	2840	667		107	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	2670	2360	667		89	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	5330	3510	667	*	66	67 - 120%
218-01-9	CHRYSENE	2670	2390	667		90	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2670	2840	1000		106	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	2670	3260	1000	*	122	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	2670	2270	667		85	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	2670	2440	667		92	66 - 120%
50-32-8	BENZO(A)PYRENE	2670	2330	667		87	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	2670	2240	667		84	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	2670	2390	667		90	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	2670	2330	667		87	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4730		5000	95	25 - 127
321-60-8	2-FLUOROBIPHENYL	2870		3330	86	34 - 120
367-12-4	2-FLUOROPHENOL	4600		5000	92	38 - 120
4165-60-0	NITROBENZENE-D5	3000		3330	90	31 - 120
4165-62-2	PHENOL-D5	4730		5000	95	45 - 120
1718-51-0	TERPHENYL-D14	3170		3330	95	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MS

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.12g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2785

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
110-86-1	PYRIDINE	477	U	1010	J	2380	3180	32	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	167	U	1140	*	795	3180	36	51 - 120%
62-53-3	ANILINE	119	U	841	*	795	3180	26	52 - 120%
108-95-2	PHENOL	119	U	1320	*	795	3180	41	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	119	U	1160	*	795	3180	37	56 - 120%
95-57-8	2-CHLOROPHENOL	119	U	1280	*	795	3180	40	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	119	U	1150	*	795	3180	36	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	119	U	1030	*	795	3180	32	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	119	U	1130	*	795	3180	36	62 - 120%
100-51-6	BENZYL ALCOHOL	119	U	1360	*	795	3180	43	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	143	U	1250	*	795	3180	39	41 - 120%
95-48-7	2-METHYLPHENOL	119	U	1300	*	795	3180	41	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	119	U	1320	*	795	3180	42	56 - 120%
108-39-4	3+4-METHYLPHENOL	119	U	1350	*	795	3180	43	62 - 120%
67-72-1	HEXACHLOROETHANE	119	U	1130	*	795	3180	35	58 - 120%
98-95-3	NITROBENZENE	119	U	1330	*	795	3180	42	61 - 120%
78-59-1	ISOPHORONE	119	U	1230	*	795	3180	39	58 - 120%
88-75-5	2-NITROPHENOL	119	U	1630	*	795	3180	51	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	119	U	1260	*	795	3180	40	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	119	U	1280	*	795	3180	40	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	119	U	1250	*	795	3180	39	68 - 120%
65-85-0	BENZOIC ACID	834	U	1160	J	3970	7950	15	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	119	U	1110	*	795	3180	35	63 - 120%
91-20-3	NAPHTHALENE	119	U	1200	*	795	3180	38	64 - 120%
106-47-8	4-CHLOROANILINE	119	U	717	J*	795	3180	23	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	119	U	1070	*	795	3180	34	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MS

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.12g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2785

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	119	U	1320	*	795	3180	42	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	119	U	1180	*	795	3180	37	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	119	U	1250	*	795	3180	39	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	119	U	233	J*	795	3180	7	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	119	U	1250	*	795	3180	39	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	119	U	1280	*	795	3180	40	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	119	U	1300	*	795	3180	41	71 - 120%
88-74-4	2-NITROANILINE	119	U	1550	J*	1590	3180	49	69 - 120%
131-11-3	DIMETHYL PHTHALATE	119	U	1310	*	795	3180	41	76 - 120%
606-20-2	2,6-DINITROTOLUENE	119	U	1380	*	795	3180	38	71 - 120%
208-96-8	ACENAPHTHYLENE	119	U	1210	*	795	3180	38	67 - 120%
99-09-2	3-NITROANILINE	119	U	1070	J*	1590	3180	34	66 - 120%
83-32-9	ACENAPHTHENE	119	U	1240	*	795	3180	39	63 - 120%
51-28-5	2,4-DINITROPHENOL	477	U	982	J	1590	3180	31	25 - 132%
100-02-7	4-NITROPHENOL	119	U	1420	J	1590	3180	45	27 - 138%
132-64-9	DIBENZOFURAN	119	U	1250	*	795	3180	39	75 - 120%
121-14-2	2,4-DINITROTOLUENE	119	U	1390	*	795	3180	44	54 - 120%
84-66-2	DIETHYL PHTHALATE	119	U	1310	*	795	3180	41	74 - 120%
86-73-7	FLUORENE	119	U	1280	*	795	3180	40	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	119	U	1220	*	795	3180	38	73 - 120%
100-01-6	4-NITROANILINE	119	U	1070	J*	1590	3180	34	65 - 120%
103-33-3	AZOBENZENE	119	U	1350	*	795	3180	43	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	715	U	1210	J*	3180	3180	38	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	119	U	1260	*	795	3180	40	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	119	U	1230	*	795	3180	39	63 - 120%
118-74-1	HEXACHLOROBENZENE	167	U	1220	*	795	3180	39	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MS

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.12g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2785

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	191	U	1110	*	795	3180	35	60 - 120%
87-86-5	PENTACHLOROPHENOL	119	U	957	J	3180	3180	30	1 - 145%
85-01-8	PHENANTHRENE	119	U	1320	*	795	3180	41	69 - 120%
120-12-7	ANTHRACENE	119	U	1310	*	795	3180	41	67 - 120%
86-74-8	CARBAZOLE	119	U	1310	*	795	3180	41	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	119	U	1450	*	795	3180	46	71 - 120%
206-44-0	FLUORANTHENE	119	U	1320	*	795	3180	41	66 - 120%
129-00-0	PYRENE	119	U	1310	*	795	3180	41	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	119	U	1680	*	795	3180	53	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	119	U	1210	*	795	3180	38	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	119	U	774	J*	795	6360	12	67 - 120%
218-01-9	CHRYSENE	119	U	1240	*	795	3180	39	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	250	JB	1650	*	1190	3180	44	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	119	U	2000	*	1190	3180	49	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	119	U	1220	*	795	3180	39	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	119	U	1210	*	795	3180	38	66 - 120%
50-32-8	BENZO(A)PYRENE	119	U	1230	*	795	3180	39	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	167	U	1250	*	795	3180	39	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	119	U	1330	*	795	3180	42	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	119	U	1210	*	795	3180	38	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MSD

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.4 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2786

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
110-86-1	PYRIDINE	1050	J	3120	34	2340	20	3
62-75-9	N-NITROSODIMETHYLAMINE	1150	*	3120	37	780	20	0
62-53-3	ANILINE	781	*	3120	25	780	20	7
108-95-2	PHENOL	1290	*	3120	41	780	20	2
111-44-4	BIS(2-CHLOROETHYL)ETHER	1160	*	3120	37	780	20	0
95-57-8	2-CHLOROPHENOL	1250	*	3120	40	780	20	2
541-73-1	1,3-DICHLOROBENZENE	1140	*	3120	37	780	20	0
106-46-7	1,4-DICHLOROBENZENE	1040	*	3120	33	780	20	1
95-50-1	1,2-DICHLOROBENZENE	1130	*	3120	36	780	20	0
100-51-6	BENZYL ALCOHOL	1310	*	3120	42	780	20	4
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1240	*	3120	40	780	20	0
95-48-7	2-METHYLPHENOL	1260	*	3120	40	780	20	3
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1300	*	3120	42	780	20	1
108-39-4	3+4-METHYLPHENOL	1320	*	3120	42	780	20	3
67-72-1	HEXACHLOROETHANE	1180	*	3120	38	780	20	5
98-95-3	NITROBENZENE	1290	*	3120	41	780	20	3
78-59-1	ISOPHORONE	1190	*	3120	38	780	20	3
88-75-5	2-NITROPHENOL	1560	*	3120	50	780	20	4
105-67-9	2,4-DIMETHYLPHENOL	1220	*	3120	39	780	20	3
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1220	*	3120	39	780	20	4
120-83-2	2,4-DICHLOROPHENOL	1230	*	3120	39	780	20	2
65-85-0	BENZOIC ACID	1050	J	7800	13	3900	20	10
120-82-1	1,2,4-TRICHLOROBENZENE	1090	*	3120	35	780	20	2
91-20-3	NAPHTHALENE	1170	*	3120	38	780	20	3
106-47-8	4-CHLOROANILINE	661	J*	3120	21	780	20	8
87-68-3	HEXACHLOROBUTADIENE	1060	*	3120	34	780	20	1

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MSD

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.4 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2786

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
59-50-7	4-CHLORO-3-METHYLPHENOL	1360	*	3120	43	780	20	3
91-57-6	2-METHYLNAPHTHALENE	1140	*	3120	37	780	20	3
90-12-0	1-METHYLNAPHTHALENE	1200	*	3120	38	780	20	4
77-47-4	HEXACHLOROCYCLOPENTADIENE	306	J*+	3120	10	780	20	27
88-06-2	2,4,6-TRICHLOROPHENOL	1210	*	3120	39	780	20	3
95-95-4	2,4,5-TRICHLOROPHENOL	1270	*	3120	41	780	20	1
91-58-7	2-CHLORONAPHTHALENE	1260	*	3120	40	780	20	3
88-74-4	2-NITROANILINE	1530	J*	3120	49	1560	20	1
131-11-3	DIMETHYL PHTHALATE	1270	*	3120	41	780	20	3
606-20-2	2,6-DINITROTOLUENE	1320	*	3120	37	780	20	4
208-96-8	ACENAPHTHYLENE	1170	*	3120	38	780	20	3
99-09-2	3-NITROANILINE	1060	J*	3120	34	1560	20	1
83-32-9	ACENAPHTHENE	1220	*	3120	39	780	20	2
51-28-5	2,4-DINITROPHENOL	998	J	3120	32	1560	20	2
100-02-7	4-NITROPHENOL	1420	J	3120	46	1560	20	0
132-64-9	DIBENZOFURAN	1220	*	3120	39	780	20	3
121-14-2	2,4-DINITROTOLUENE	1330	*	3120	42	780	20	5
84-66-2	DIETHYL PHTHALATE	1280	*	3120	41	780	20	3
86-73-7	FLUORENE	1240	*	3120	40	780	20	4
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1180	*	3120	38	780	20	3
100-01-6	4-NITROANILINE	1140	J*	3120	37	1560	20	6
103-33-3	AZOBENZENE	1310	*	3120	42	780	20	3
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1170	J*	3120	38	3120	20	3
86-30-6	N-NITROSODIPHENYLAMINE	1210	*	3120	39	780	20	4
101-55-3	4-BROMOPHENYL PHENYL ETHER	1210	*	3120	39	780	20	2
118-74-1	HEXACHLOROBENZENE	1190	*	3120	38	780	20	3

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MSD

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.4 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2786

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1030	*	3120	33	780	20	8
87-86-5	PENTACHLOROPHENOL	737	J+	3120	24	3120	20	26
85-01-8	PHENANTHRENE	1260	*	3120	40	780	20	5
120-12-7	ANTHRACENE	1260	*	3120	41	780	20	4
86-74-8	CARBAZOLE	1280	*	3120	41	780	20	3
84-74-2	DI-N-BUTYL PHTHALATE	1410	*	3120	45	780	20	3
206-44-0	FLUORANTHENE	1260	*	3120	40	780	20	5
129-00-0	PYRENE	1270	*	3120	41	780	20	3
85-68-7	BUTYL BENZYL PHTHALATE	1610	*	3120	52	780	20	4
56-55-3	BENZO(A)ANTHRACENE	1170	*	3120	37	780	20	3
91-94-1	3,3'-DICHLOROBENZIDINE	1080	*+	6240	17	780	20	33
218-01-9	CHRYSENE	1200	*	3120	39	780	20	3
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1600	*	3120	43	1170	20	3
117-84-0	DI-N-OCTYL PHTHALATE	1970	*	3120	49	1170	20	2
205-99-2	BENZO(B)FLUORANTHENE	1210	*	3120	39	780	20	1
207-08-9	BENZO(K)FLUORANTHENE	1160	*	3120	37	780	20	4
50-32-8	BENZO(A)PYRENE	1210	*	3120	39	780	20	2
193-39-5	INDENO(1,2,3-CD)PYRENE	1230	*	3120	39	780	20	2
53-70-3	DIBENZO(A,H)ANTHRACENE	1300	*	3120	42	780	20	2
191-24-2	BENZO(G,H,I)PERYLENE	1210	*	3120	39	780	20	0

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	5960	42		40		25 - 127
321-60-8	2-FLUOROBIPHENYL	3970	39		38		34 - 120
367-12-4	2-FLUOROPHENOL	5960	41		41		38 - 120
4165-60-0	NITROBENZENE-D5	3970	42		41		31 - 120
4165-62-2	PHENOL-D5	5960	42	*	42	*	45 - 120
1718-51-0	TERPHENYL-D14	3970	41		40		39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MS

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2815

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
110-86-1	PYRIDINE	1330	U	4990	J	6670	8890	56	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	467	U	5620		2220	8890	63	51 - 120%
62-53-3	ANILINE	334	U	3660	*	2220	8890	41	52 - 120%
108-95-2	PHENOL	334	U	7250		2220	8890	81	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	334	U	5920		2220	8890	67	56 - 120%
95-57-8	2-CHLOROPHENOL	334	U	7050		2220	8890	79	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	334	U	5580		2220	8890	63	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	334	U	5600		2220	8890	63	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	334	U	5880		2220	8890	66	62 - 120%
100-51-6	BENZYL ALCOHOL	334	U	7110		2220	8890	80	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	400	U	6590		2220	8890	74	41 - 120%
95-48-7	2-METHYLPHENOL	334	U	7290		2220	8890	82	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	334	U	7280		2220	8890	77	56 - 120%
108-39-4	3+4-METHYLPHENOL	334	U	7620		2220	8890	86	62 - 120%
67-72-1	HEXACHLOROETHANE	334	U	6580		2220	8890	74	58 - 120%
98-95-3	NITROBENZENE	334	U	6790		2220	8890	76	61 - 120%
78-59-1	ISOPHORONE	334	U	6790		2220	8890	76	58 - 120%
88-75-5	2-NITROPHENOL	334	U	8070		2220	8890	91	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	334	U	7100		2220	8890	80	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	334	U	6760		2220	8890	76	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	334	U	7150		2220	8890	80	68 - 120%
65-85-0	BENZOIC ACID	2330	U	12300		11100	22200	55	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	334	U	5850		2220	8890	66	63 - 120%
91-20-3	NAPHTHALENE	334	U	6410		2220	8890	72	64 - 120%
106-47-8	4-CHLOROANILINE	334	U	2610	*	2220	8890	29	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	334	U	5770		2220	8890	65	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MS

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2815

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	334	U	7700		2220	8890	87	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	334	U	6580		2220	8890	69	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	334	U	7120		2220	8890	74	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	334	U	6230		2220	8890	70	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	334	U	6950		2220	8890	78	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	334	U	7260		2220	8890	82	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	334	U	7040		2220	8890	79	71 - 120%
88-74-4	2-NITROANILINE	334	U	8260		4450	8890	93	69 - 120%
131-11-3	DIMETHYL PHTHALATE	334	U	7390		2220	8890	83	76 - 120%
606-20-2	2,6-DINITROTOLUENE	334	U	7650		2220	8890	86	71 - 120%
208-96-8	ACENAPHTHYLENE	334	U	6700		2220	8890	75	67 - 120%
99-09-2	3-NITROANILINE	334	U	5220	*	4450	8890	59	66 - 120%
83-32-9	ACENAPHTHENE	334	U	6850		2220	8890	77	63 - 120%
51-28-5	2,4-DINITROPHENOL	1330	U	7950		4450	8890	89	25 - 132%
100-02-7	4-NITROPHENOL	334	U	8290		4450	8890	93	27 - 138%
132-64-9	DIBENZOFURAN	334	U	7030		2220	8890	79	75 - 120%
121-14-2	2,4-DINITROTOLUENE	334	U	7710		2220	8890	87	54 - 120%
84-66-2	DIETHYL PHTHALATE	334	U	7570		2220	8890	85	74 - 120%
86-73-7	FLUORENE	334	U	7100		2220	8890	80	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	334	U	6740		2220	8890	76	73 - 120%
100-01-6	4-NITROANILINE	334	U	5160	*	4450	8890	58	65 - 120%
103-33-3	AZOBENZENE	334	U	7560		2220	8890	85	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2000	U	8090	J	8890	8890	91	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	334	U	7330		2220	8890	82	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	334	U	6970		2220	8890	78	63 - 120%
118-74-1	HEXACHLOROBENZENE	467	U	6810		2220	8890	77	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MS

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2815

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	534	U	6380		2220	8890	72	60 - 120%
87-86-5	PENTACHLOROPHENOL	334	U	6000	J	8890	8890	68	1 - 145%
85-01-8	PHENANTHRENE	334	U	7470		2220	8890	84	69 - 120%
120-12-7	ANTHRACENE	334	U	7300		2220	8890	82	67 - 120%
86-74-8	CARBAZOLE	334	U	7420		2220	8890	83	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	334	U	8190		2220	8890	92	71 - 120%
206-44-0	FLUORANTHENE	334	U	7370		2220	8890	83	66 - 120%
129-00-0	PYRENE	334	U	7370		2220	8890	83	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	334	U	8640		2220	8890	97	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	334	U	6650		2220	8890	75	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	334	U	4610	*	2220	17800	23	67 - 120%
218-01-9	CHRYSENE	334	U	6840		2220	8890	77	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	850	J	8510		3340	8890	86	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	334	U	10100		3340	8890	114	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	334	U	6330		2220	8890	71	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	334	U	6530		2220	8890	73	66 - 120%
50-32-8	BENZO(A)PYRENE	334	U	6310		2220	8890	71	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	467	U	5990		2220	8890	67	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	334	U	6610		2220	8890	74	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	334	U	5590		2220	8890	63	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MSD

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.76g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2816

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
110-86-1	PYRIDINE	4040	J+	8550	47	6420	20	21
62-75-9	N-NITROSODIMETHYLAMINE	4760		8550	56	2140	20	17
62-53-3	ANILINE	3060	*	8550	36	2140	20	18
108-95-2	PHENOL	6510		8550	76	2140	20	11
111-44-4	BIS(2-CHLOROETHYL)ETHER	5150		8550	60	2140	20	14
95-57-8	2-CHLOROPHENOL	6270		8550	73	2140	20	12
541-73-1	1,3-DICHLOROBENZENE	4970	*	8550	58	2140	20	12
106-46-7	1,4-DICHLOROBENZENE	4730	*	8550	55	2140	20	17
95-50-1	1,2-DICHLOROBENZENE	5120	*	8550	60	2140	20	14
100-51-6	BENZYL ALCOHOL	6370		8550	74	2140	20	11
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	5970		8550	70	2140	20	10
95-48-7	2-METHYLPHENOL	6510		8550	76	2140	20	11
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	6670		8550	73	2140	20	9
108-39-4	3+4-METHYLPHENOL	6870		8550	80	2140	20	10
67-72-1	HEXACHLOROETHANE	5860		8550	69	2140	20	12
98-95-3	NITROBENZENE	6100		8550	71	2140	20	11
78-59-1	ISOPHORONE	6260		8550	73	2140	20	8
88-75-5	2-NITROPHENOL	7330		8550	86	2140	20	10
105-67-9	2,4-DIMETHYLPHENOL	6590		8550	77	2140	20	7
111-91-1	BIS(2-CHLOROETHOXY)METHANE	6160		8550	72	2140	20	9
120-83-2	2,4-DICHLOROPHENOL	6540		8550	76	2140	20	9
65-85-0	BENZOIC ACID	11200		21400	52	10700	20	9
120-82-1	1,2,4-TRICHLOROBENZENE	5250	*	8550	61	2140	20	11
91-20-3	NAPHTHALENE	5800		8550	68	2140	20	10
106-47-8	4-CHLOROANILINE	2250	*	8550	26	2140	20	15
87-68-3	HEXACHLOROBUTADIENE	5290	*	8550	62	2140	20	9

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MSD

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.76g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2816

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
59-50-7	4-CHLORO-3-METHYLPHENOL	7180		8550	84	2140	20	7
91-57-6	2-METHYLNAPHTHALENE	6090		8550	66	2140	20	8
90-12-0	1-METHYLNAPHTHALENE	6570		8550	70	2140	20	8
77-47-4	HEXACHLOROCYCLOPENTADIENE	5510		8550	64	2140	20	12
88-06-2	2,4,6-TRICHLOROPHENOL	6500		8550	76	2140	20	7
95-95-4	2,4,5-TRICHLOROPHENOL	6650		8550	78	2140	20	9
91-58-7	2-CHLORONAPHTHALENE	6470		8550	76	2140	20	8
88-74-4	2-NITROANILINE	7650		8550	89	4280	20	8
131-11-3	DIMETHYL PHTHALATE	6860		8550	80	2140	20	7
606-20-2	2,6-DINITROTOLUENE	7130		8550	83	2140	20	7
208-96-8	ACENAPHTHYLENE	6260		8550	73	2140	20	7
99-09-2	3-NITROANILINE	4760	*	8550	56	4280	20	9
83-32-9	ACENAPHTHENE	6340		8550	74	2140	20	8
51-28-5	2,4-DINITROPHENOL	6950		8550	81	4280	20	13
100-02-7	4-NITROPHENOL	7670		8550	90	4280	20	8
132-64-9	DIBENZOFURAN	6440		8550	75	2140	20	9
121-14-2	2,4-DINITROTOLUENE	7080		8550	83	2140	20	8
84-66-2	DIETHYL PHTHALATE	6970		8550	81	2140	20	8
86-73-7	FLUORENE	6590		8550	77	2140	20	7
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	6230		8550	73	2140	20	8
100-01-6	4-NITROANILINE	5090	*	8550	60	4280	20	1
103-33-3	AZOBENZENE	6890		8550	81	2140	20	9
534-52-1	4,6-DINITRO-2-METHYLPHENOL	7360	J	8550	86	8550	20	9
86-30-6	N-NITROSODIPHENYLAMINE	6760		8550	79	2140	20	8
101-55-3	4-BROMOPHENYL PHENYL ETHER	6370		8550	74	2140	20	9
118-74-1	HEXACHLOROBENZENE	6250		8550	73	2140	20	9

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MSD

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.76g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2816

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
58-90-2	2,3,4,6-TETRACHLOROPHENOL	5990		8550	70	2140	20	6
87-86-5	PENTACHLOROPHENOL	5590	J	8550	65	8550	20	7
85-01-8	PHENANTHRENE	6900		8550	81	2140	20	8
120-12-7	ANTHRACENE	6860		8550	80	2140	20	6
86-74-8	CARBAZOLE	6900		8550	81	2140	20	7
84-74-2	DI-N-BUTYL PHTHALATE	7610		8550	89	2140	20	7
206-44-0	FLUORANTHENE	6860		8550	80	2140	20	7
129-00-0	PYRENE	6870		8550	80	2140	20	7
85-68-7	BUTYL BENZYL PHTHALATE	8050		8550	94	2140	20	7
56-55-3	BENZO(A)ANTHRACENE	6220		8550	73	2140	20	7
91-94-1	3,3'-DICHLOROBENZIDINE	4820	*	17100	25	2140	20	4
218-01-9	CHRYSENE	6390		8550	75	2140	20	7
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	8080		8550	84	3210	20	5
117-84-0	DI-N-OCTYL PHTHALATE	9510		8550	111	3210	20	6
205-99-2	BENZO(B)FLUORANTHENE	5870		8550	69	2140	20	8
207-08-9	BENZO(K)FLUORANTHENE	6020		8550	70	2140	20	8
50-32-8	BENZO(A)PYRENE	5830		8550	68	2140	20	8
193-39-5	INDENO(1,2,3-CD)PYRENE	5650		8550	66	2140	20	6
53-70-3	DIBENZO(A,H)ANTHRACENE	6340		8550	74	2140	20	4
191-24-2	BENZO(G,H,I)PERYLENE	5220		8550	61	2140	20	7

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	16700	82		78		25 - 127
321-60-8	2-FLUOROBIPHENYL	11100	76		72		34 - 120
367-12-4	2-FLUOROPHENOL	16700	77		70		38 - 120
4165-60-0	NITROBENZENE-D5	11100	77		70		31 - 120
4165-62-2	PHENOL-D5	16700	82		76		45 - 120
1718-51-0	TERPHENYL-D14	11100	81		78		39 - 120

Data Package ID: *SV2202436-1*

Prep Batch ID: ex220302-1

Start Date: 03/02/22
Start Time: 13:00
Prep Analyst: Joshua P. Eckery
End Date: 03/02/22
End Time: 14:00
Concentration Method: NONE
Extract Method: SW35465
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: jpe
Date Created: 03/02/22
Time Created: 10:17
Validated By: cpc
Date Validated: 03/03/22
Time Validated: 12:30

Comments:

QC Batch ID: ex220302-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
ex220302-1	MB	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
ex220302-1	LCS	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
2202436-1	MS	BT-P2-AOI-02-01	SOIL	2/22/2022	15.12	1	NONE	1	2202436
2202436-1	MSD	BT-P2-AOI-02-01	SOIL	2/22/2022	15.4	1	NONE	1	2202436
2202436-1	SMP	BT-P2-AOI-02-01	SOIL	2/22/2022	15.21	1	NONE	1	2202436
2202436-11	SMP	BT-P2-AOI-09-09	SOIL	2/22/2022	15.17	1	NONE	1	2202436
2202436-12	SMP	BT-P2-AOI-09-02	SOIL	2/22/2022	15.24	5	NONE	1	2202436
2202436-13	SMP	BT-P2-AOI-09-01	SOIL	2/22/2022	15.29	1	NONE	1	2202436
2202436-14	SMP	BT-PS-AOI-09-10	SOIL	2/22/2022	15.16	1	NONE	1	2202436
2202436-15	SMP	BT-P2-AOI-09-04	SOIL	2/22/2022	15.54	5	NONE	1	2202436
2202436-16	SMP	BT-P2-AOI-09-03	SOIL	2/22/2022	15.51	5	NONE	1	2202436
2202436-2	SMP	BT-P2-AOI-03-01	SOIL	2/22/2022	15.02	5	NONE	1	2202436
2202436-3	SMP	BT-P2-AOI-03-02	SOIL	2/22/2022	15.17	5	NONE	1	2202436
2202436-4	SMP	BT-P2-AOI-03-03	SOIL	2/22/2022	15.36	5	NONE	1	2202436
2202436-7	SMP	BT-P2-AOI-03-06	SOIL	2/22/2022	15.42	5	NONE	1	2202436
2202436-8	SMP	BT-P2-AOI-03-07	SOIL	2/22/2022	15.51	5	NONE	1	2202436
2202436-9	SMP	BT-P2-AOI-09-08	SOIL	2/22/2022	15.7	1	NONE	1	2202436

In generating this benchsheet, prep analyst states that all aspects of sample preparation as set forth in the appropriate SOP's (including Kuderna-Danish temperatures, proper flow settings on the N-evap, and final volumes) were properly adhered to (unless otherwise noted herein).

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

Prep Batch ID: EX220303-2

Start Date: 03/03/22
Start Time: 15:20
Prep Analyst: Joshua P. Eckery
End Date: 03/03/22
End Time: 16:20
Concentration Method: CKDS
Extract Method: SW3546
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: jpe
Date Created: 03/03/22
Time Created: 14:37
Validated By: cpc
Date Validated: 03/04/22
Time Validated: 16:52

Comments:

reduced aliquot on all samples due to matrix issues

QC Batch ID: EX220303-2-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
EX220303-2	MB	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
EX220303-2	LCS	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
2202436-10	MS	BT-P2-AOI-09-07	SOIL	2/22/2022	5.54	1	NONE	1	2202436
2202436-10	MSD	BT-P2-AOI-09-07	SOIL	2/22/2022	5.76	1	NONE	1	2202436
2202436-10	SMP	BT-P2-AOI-09-07	SOIL	2/22/2022	5.29	1	NONE	1	2202436
2202436-17	SMP	BT-P2-AOI-09-06	SOIL	2/22/2022	5.49	1	NONE	1	2202436
2202436-18	SMP	BT-P2-AOI-09-05	SOIL	2/22/2022	5.07	1	NONE	1	2202436
2202436-19	SMP	BT-P2-AOI-08-02	SOIL	2/22/2022	5.41	1	NONE	1	2202436
2202436-20	SMP	BT-P2-AOI-08-01	SOIL	2/22/2022	5.09	1	NONE	1	2202436
2202436-21	SMP	BT-P2-AOI-07-02	SOIL	2/22/2022	5.64	1	NONE	1	2202436
2202436-22	SMP	BT-P2-AOI-05-01	SOIL	2/22/2022	5.23	1	NONE	1	2202436
2202436-23	SMP	BT-P2-AOI-04-01	SOIL	2/22/2022	5.26	1	NONE	1	2202436
2202436-24	SMP	BT-P2-AOI-06-01	SOIL	2/22/2022	5.54	1	NONE	1	2202436
2202436-25	SMP	BT-P2-AOI-06-03	SOIL	2/22/2022	5.56	1	NONE	1	2202436
2202436-26	SMP	BT-P2-AOI-06-04	SOIL	2/22/2022	5.71	1	NONE	1	2202436
2202436-27	SMP	BT-P2-AOI-06-05	SOIL	2/22/2022	5.28	1	NONE	1	2202436
2202436-28	SMP	BT-P2-AOI-06-06	SOIL	2/22/2022	5.67	1	NONE	1	2202436
2202436-29	SMP	BT-P2-AOI-07-01	SOIL	2/22/2022	5.13	1	NONE	1	2202436
2202436-30	SMP	BT-P2-AOI-06-02	SOIL	2/22/2022	5.34	1	NONE	1	2202436
2202436-31	SMP	BT-P2-AOI-04-01-DUP	SOIL	2/22/2022	5.36	1	NONE	1	2202436
2202436-32	SMP	BT-P2-AOI-03-04-DUP	SOIL	2/22/2022	5.26	5	NONE	1	2202436
2202436-33	SMP	BT-P2-AOI-09-06-DUP	SOIL	2/22/2022	5.19	1	NONE	1	2202436
2202436-5	SMP	BT-P2-AOI-03-04	SOIL	2/22/2022	5.5	5	NONE	1	2202436
2202436-6	SMP	BT-P2-AOI-03-05	SOIL	2/22/2022	5.35	5	NONE	1	2202436

Prep Batch ID: EX220303-2

Start Date: 03/03/22
Start Time: 15:20
Prep Analyst: Joshua P. Eckery

End Date: 03/03/22
End Time: 16:20

Concentration Method: CKDS
Extract Method: SW3546
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: jpe
Date Created: 03/03/22
Time Created: 14:37
Validated By: cpc
Date Validated: 03/04/22
Time Validated: 16:52

Comments:

reduced aliquot on all samples due to matrix issues

In generating this benchsheet, prep analyst states that all aspects of sample preparation as set forth in the appropriate SOP's (including Kuderna-Danish temperatures, proper flow settings on the N-evap, and final volumes) were properly adhered to (unless otherwise noted herein).

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date: 2/27/2022
DFTPP Injection Time: 8:12
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID: SV2532

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	61.7
68	Less than 2.0 percent of mass 69	1.6
69	Mass 69 relative abundance of mass 198	65.6
70	Less than 2.0 percent of mass 69	0.5
127	10.0 - 80.0 percent of mass 198	64.5
197	Less than 2.0 percent of mass 198	0.5
198	Base peak, 100 percent of relative abundance	100
199	5.0 - 9.0 percent of mass 198	6.9
275	10.0 - 60.0 percent of mass 198	22.9
365	Greater than 1.00 percent of mass 198	3.6
441	Present, but less than mass 443	78.4
442	Greater than 50.0 percent of mass 198	90.3
443	15.0 - 24.0 percent of mass 442	19.4

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	0.05PPM_SIMPAHCSTD	SV2535	2/27/2022	9:25	SV220227-444
XXXXXXX	0.1PPM_SIMPAHCSTD	SV2536	2/27/2022	9:43	SV220227-444
XXXXXXX	0.5PPM_SIMPAHCSTD	SV2537	2/27/2022	10:01	SV220227-444
XXXXXXX	1PPM_SIMPAHCSTD	SV2538	2/27/2022	10:18	SV220227-444
XXXXXXX	2PPM_SIMPAHCSTD	SV2539	2/27/2022	10:36	SV220227-444
XXXXXXX	5PPM_SIMPAHCSTD	SV2540	2/27/2022	10:54	SV220227-444
XXXXXXX	10PPM_SIMPAHCSTD	SV2541	2/27/2022	11:11	SV220227-444
XXXXXXX	5PPM_SIMPAHICV	SV2543	2/27/2022	11:47	SV220227-444
XXXXXXX	1PPM_8270_ICALCSTD	SV2545	2/27/2022	12:23	SV220227-444
XXXXXXX	5PPM_8270_ICALCSTD	SV2546	2/27/2022	12:41	SV220227-444
XXXXXXX	10PPM_8270_ICALCSTD	SV2547	2/27/2022	12:58	SV220227-444
XXXXXXX	20PPM_8270_ICALCSTD	SV2548	2/27/2022	13:16	SV220227-444
XXXXXXX	40PPM_8270_ICALCSTD	SV2549	2/27/2022	13:34	SV220227-444

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date: 2/27/2022
DFTPP Injection Time: 8:12
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID: SV2532

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	61.7
68	Less than 2.0 percent of mass 69	1.6
69	Mass 69 relative abundance of mass 198	65.6
70	Less than 2.0 percent of mass 69	0.5
127	10.0 - 80.0 percent of mass 198	64.5
197	Less than 2.0 percent of mass 198	0.5
198	Base peak, 100 percent of relative abundance	100
199	5.0 - 9.0 percent of mass 198	6.9
275	10.0 - 60.0 percent of mass 198	22.9
365	Greater than 1.00 percent of mass 198	3.6
441	Present, but less than mass 443	78.4
442	Greater than 50.0 percent of mass 198	90.3
443	15.0 - 24.0 percent of mass 442	19.4

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	80PPM_8270_ICALCSTD	SV2550	2/27/2022	13:52	SV220227-444
XXXXXXX	100PPM_8270_ICALCSTD	SV2551	2/27/2022	14:10	SV220227-444
XXXXXXX	120PPM_8270_ICALCSTD	SV2552	2/27/2022	14:28	SV220227-444
XXXXXXX	40PPM_8270_ICVICV	SV2553	2/27/2022	14:45	SV220227-444

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220306-4CCV1CCV	SV2778	3/6/2022	18:39	SV220306-4
XXXXXXX	ex220302-1MB	SV2779	3/6/2022	18:57	ex220302-1-1
XXXXXXX	ex220302-1LCS	SV2780	3/6/2022	19:15	ex220302-1-1
XXXXXXX	EX220303-2MB	SV2781	3/6/2022	19:33	EX220303-2-1
XXXXXXX	EX220303-2LCS	SV2782	3/6/2022	19:51	EX220303-2-1
BT-P2-AOI-02-01	2202436-1	SV2784	3/6/2022	20:28	ex220302-1-1
BT-P2-AOI-02-01	2202436-1MS	SV2785	3/6/2022	20:45	ex220302-1-1
BT-P2-AOI-02-01	2202436-1MSD	SV2786	3/6/2022	21:03	ex220302-1-1
BT-P2-AOI-09-08	2202436-9	SV2787	3/6/2022	21:21	ex220302-1-1
BT-P2-AOI-09-09	2202436-11	SV2788	3/6/2022	21:39	ex220302-1-1
BT-P2-AOI-09-02	2202436-12	SV2789	3/6/2022	21:57	ex220302-1-1
BT-P2-AOI-09-01	2202436-13	SV2790	3/6/2022	22:15	ex220302-1-1
BT-PS-AOI-09-10	2202436-14	SV2793	3/6/2022	23:53	ex220302-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
BT-P2-AOI-09-04	2202436-15	SV2794	3/7/2022	0:11	ex220302-1-1
BT-P2-AOI-09-03	2202436-16	SV2795	3/7/2022	0:33	ex220302-1-1
BT-P2-AOI-03-01	2202436-2	SV2796	3/7/2022	0:50	ex220302-1-1
BT-P2-AOI-03-02	2202436-3	SV2797	3/7/2022	1:08	ex220302-1-1
BT-P2-AOI-03-03	2202436-4	SV2798	3/7/2022	1:26	ex220302-1-1
BT-P2-AOI-03-06	2202436-7	SV2799	3/7/2022	1:44	ex220302-1-1
BT-P2-AOI-03-07	2202436-8	SV2800	3/7/2022	2:02	ex220302-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220307-4CCV1CCV	SV2802	3/7/2022	12:28	SV220307-444
BT-P2-AOI-09-07	2202436-10	SV2813	3/7/2022	19:18	EX220303-2-1
BT-P2-AOI-09-07	2202436-10MS	SV2815	3/7/2022	22:43	EX220303-2-1
BT-P2-AOI-09-07	2202436-10MSD	SV2816	3/7/2022	23:01	EX220303-2-1
BT-P2-AOI-03-04	2202436-5	SV2817	3/7/2022	23:20	EX220303-2-1
BT-P2-AOI-03-05	2202436-6	SV2818	3/7/2022	23:38	EX220303-2-1
BT-P2-AOI-09-06	2202436-17	SV2819	3/8/2022	0:09	EX220303-2-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220308-4CCV1CCV	SV2821	3/8/2022	15:57	SV220308-44
BT-P2-AOI-09-05	2202436-18	SV2827	3/8/2022	17:59	EX220303-2-1
BT-P2-AOI-08-02	2202436-19	SV2828	3/8/2022	18:17	EX220303-2-1
BT-P2-AOI-08-01	2202436-20	SV2829	3/8/2022	18:35	EX220303-2-1
BT-P2-AOI-07-02	2202436-21	SV2830	3/8/2022	18:53	EX220303-2-1
BT-P2-AOI-04-01	2202436-23	SV2831	3/8/2022	19:11	EX220303-2-1
BT-P2-AOI-06-01	2202436-24	SV2832	3/8/2022	19:29	EX220303-2-1
BT-P2-AOI-06-03	2202436-25	SV2833	3/8/2022	19:47	EX220303-2-1
BT-P2-AOI-06-05	2202436-27	SV2834	3/8/2022	20:05	EX220303-2-1
BT-P2-AOI-06-06	2202436-28	SV2835	3/8/2022	20:23	EX220303-2-1
BT-P2-AOI-07-01	2202436-29	SV2836	3/8/2022	20:40	EX220303-2-1
BT-P2-AOI-04-01-DUP	2202436-31	SV2837	3/8/2022	20:58	EX220303-2-1
BT-P2-AOI-06-02	2202436-30	SV2838	3/8/2022	21:16	EX220303-2-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
BT-P2-AOI-06-04	2202436-26	SV2839	3/8/2022	21:34	EX220303-2-1
BT-P2-AOI-09-06-DUP	2202436-33	SV2840	3/8/2022	21:52	EX220303-2-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

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Work Order Number: 2202436
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ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220312-4CCV1CCV	SV2882	3/12/2022	1:49	SV220312-4
XXXXXXX	2203131-36	SV2883	3/12/2022	2:08	EX220310-1-1
BT-P2-AOI-05-01	2202436-22	SV2885	3/12/2022	2:44	EX220303-2-1
BT-P2-AOI-03-04-DUP	2202436-32	SV2886	3/12/2022	3:10	EX220303-2-1
XXXXXXX	2203131-30	SV2889	3/12/2022	4:10	EX220310-1-1
XXXXXXX	2203131-21	SV2890	3/12/2022	4:28	EX220310-1-1
XXXXXXX	2203131-22	SV2891	3/12/2022	4:46	EX220310-1-1
XXXXXXX	2203131-23	SV2892	3/12/2022	5:04	EX220310-1-1
XXXXXXX	2203131-24	SV2893	3/12/2022	5:21	EX220310-1-1
XXXXXXX	2203131-25	SV2894	3/12/2022	5:39	EX220310-1-1
XXXXXXX	2203131-26	SV2895	3/12/2022	5:57	EX220310-1-1
XXXXXXX	2203131-27	SV2896	3/12/2022	6:15	EX220310-1-1
XXXXXXX	2203131-28	SV2897	3/12/2022	6:33	EX220310-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
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THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	2203131-29	SV2898	3/12/2022	6:51	EX220310-1-1
XXXXXXX	2203131-31	SV2899	3/12/2022	7:09	EX220310-1-1
XXXXXXX	2203131-32	SV2900	3/12/2022	7:27	EX220310-1-1
XXXXXXX	2203131-33	SV2901	3/12/2022	7:44	EX220310-1-1
XXXXXXX	2203131-34	SV2902	3/12/2022	8:02	EX220310-1-1
XXXXXXX	2203131-35	SV2903	3/12/2022	8:20	EX220310-1-1
XXXXXXX	EX220310-2MB	SV2904	3/12/2022	8:38	EX220310-2-1
XXXXXXX	EX220310-2LCS	SV2905	3/12/2022	8:56	EX220310-2-1
XXXXXXX	EX220310-2LCSD	SV2906	3/12/2022	9:14	EX220310-2-1
XXXXXXX	2203154-2	SV2907	3/12/2022	9:32	EX220310-2-1
XXXXXXX	EX220307-1MB	SV2908	3/12/2022	9:50	EX220307-1-1
XXXXXXX	EX220307-1LCS	SV2909	3/12/2022	10:08	EX220307-1-1
XXXXXXX	2202482-1MS	SV2910	3/12/2022	10:25	EX220307-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

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THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	2202482-1MSD	SV2911	3/12/2022	10:43	EX220307-1-1
XXXXXXX	2202484-1MS	SV2912	3/12/2022	11:01	EX220307-1-1
XXXXXXX	2202484-1MSD	SV2913	3/12/2022	11:19	EX220307-1-1
XXXXXXX	2202482-1	SV2914	3/12/2022	11:37	EX220307-1-1
XXXXXXX	2202484-1	SV2915	3/12/2022	11:55	EX220307-1-1

Data Package ID: *SV2202436-1*

Calibration ID: 022722M
Instrument ID: HPSV4
Calibration Date: 2/27/2022

ALS -- Fort Collins

Initial Calibration Report

Analyte	FileName: / Cal LVL ID:	SV2545.D 1	SV2546.D 5	SV2547.D 10	SV2548.D 20	SV2549.D 40	SV2550.D 80	SV2551.D 100	SV2552.D 120	AvgRF	%RSD	Curve Type	Higher Order Equation Corr	Quad Term	Linear Term	Const Term
1,4-dichlorobenzene-d4											ISTD	AvgRF				
1,4-dioxane		0.5299	0.4970	0.4906	0.4904	0.4817	0.4936	0.4863	0.4984	0.4960	2.97	AvgRF				
pyridine		1.7952	1.8476	1.8645	1.8467	1.8837	1.9440	1.8917	1.9869	1.8800	2.94	AvgRF				
n-nitrosodimethylamine		1.0808	1.1078	1.0929	1.1124	1.1451	1.1437	1.1312	1.1607	1.1218	2.48	AvgRF				
2-fluorophenol		1.2546	1.3583	1.3760	1.4187	1.3907	1.4973	1.4819	1.5352	1.4141	6.37 SUR	AvgRF				
2-chlorophenol-d4		1.1623	1.2626	1.2937	1.3232	1.3279	1.4127	1.3910	1.4293	1.3253	6.64 SUR	AvgRF				
aniline		4.0211	4.1580	4.1969	4.2569	4.4553	4.4055	4.2985	4.3494	4.2677	3.31	AvgRF				
phenol-d5		1.6628	1.8215	1.8403	1.8659	1.8690	2.0051	1.9653	2.0295	1.8824	6.28 SUR	AvgRF				
phenol		1.8299	1.9926	2.0217	2.0563	2.1533	2.1899	2.1614	2.2232	2.0785	6.27	AvgRF				
bis(2-chloroethyl)ether		1.3720	1.3670	1.3702	1.3882	1.4359	1.4172	1.3811	1.3982	1.3912	1.77	AvgRF				
2-chlorophenol		1.1971	1.3244	1.3464	1.3742	1.4500	1.4569	1.4430	1.4864	1.3848	6.88	AvgRF				
1,3-dichlorobenzene		1.5331	1.5298	1.5360	1.5465	1.6019	1.5737	1.5466	1.5772	1.5556	1.66	AvgRF				
1,4-dichlorobenzene		1.5424	1.5389	1.5497	1.5445	1.5938	1.5822	1.5426	1.5667	1.5574	1.35	AvgRF				
1,2-dichlorobenzene-d4		1.6497	1.6069	1.6188	1.6396	1.6383	1.6673	1.6105	1.6017	1.6291	1.43 SUR	AvgRF				
1,2-dichlorobenzene		1.4823	1.4546	1.4720	1.4900	1.5566	1.4906	1.4343	1.4303	1.4741	2.77	AvgRF				
benzyl alcohol		1.0921	1.2390	1.2906	1.3428	1.4293	1.4496	1.4347	1.4795	1.3447	9.83	AvgRF				
bis(2-chloroisopropyl)ether		2.0616	2.0410	1.9964	2.0201	2.0576	1.9845	1.9065	1.9321	2.0000	2.85	AvgRF				
2-methylphenol		1.2564	1.3892	1.4193	1.4805	1.5604	1.5209	1.4589	1.4733	1.4450	6.45	AvgRF				
n-nitroso-di-n-propylamine		1.1091	1.1844	1.1719	1.2133	1.2590	1.2443	1.2264	1.2536	1.2080	4.21	AvgRF				
3+4-methylphenol		1.2920	1.4702	1.5313	1.5834	1.6817	1.6956	1.6530	1.7036	1.5763	9.02	AvgRF				
hexachloroethane		0.5801	0.5789	0.5876	0.6102	0.6447	0.6563	0.6456	0.6649	0.6210	5.78	AvgRF				
naphthalene-d8											ISTD	AvgRF				
nitrobenzene-d5		1.8431	1.7541	1.7901	1.8742	1.9112	1.9902	1.9423	1.9794	1.8606	6.55 SUR	AvgRF				
nitrobenzene		0.6133	0.6761	0.6961	0.7312	0.7753	0.7849	0.7760	0.7958	0.7311	8.83	AvgRF				
isophorone		0.7851	0.8275	0.8140	0.8456	0.8819	0.8859	0.8634	0.8816	0.8456	4.97	AvgRF				
2-nitrophenol		0.0824	0.1079	0.1208	0.1370	0.1569	0.1761	0.1763	0.1868	0.1435	26.27	quadratic	0.9992	0.016981	0.138165	-0.00207
2,4-dimethylphenol		0.2257	0.3353	0.3481	0.3646	0.4040	0.4112	0.4044	0.4195	0.3641	17.60	quadratic	0.9996	0.008481	0.393996	-0.00815
bis(2-chloroethoxy)methane		0.4711	0.4946	0.4862	0.5004	0.5261	0.5365	0.5259	0.5387	0.5102	4.98	AvgRF				
2,4-dichlorophenol		0.1969	0.2392	0.2488	0.2566	0.2799	0.2836	0.2800	0.2923	0.2599	12.12	AvgRF				
benzoic acid		0.0443	0.0861	0.0958	0.1403	0.1761	0.2630	0.2640	0.2691	0.1701	54.87	quadratic	0.9969	0.056502	0.127893	-0.00344
1,2,4-trichlorobenzene		0.2946	0.2693	0.2880	0.2937	0.3066	0.3102	0.3062	0.3135	0.3003	3.32	AvgRF				
naphthalene		1.1156	1.1082	1.0952	1.1029	1.1422	1.1148	1.0835	1.0866	1.1061	1.71	AvgRF				
4-chloroaniline		0.2292	0.1724	0.1623	0.1610	0.1670	0.1629	0.1577	0.1604	0.1716	13.81	AvgRF				
hexachlorobutadiene		0.1526	0.1556	0.1554	0.1556	0.1641	0.1672	0.1635	0.1705	0.1606	4.07	AvgRF				
4-chloro-3-methylphenol		0.2350	0.2845	0.2895	0.3067	0.3337	0.3480	0.3419	0.3561	0.3119	13.17	AvgRF				
2-methylnaphthalene		0.6581	0.6774	0.6899	0.6870	0.7146	0.7196	0.7055	0.7213	0.6942	3.51	AvgRF				
1-methylnaphthalene		0.5971	0.6417	0.6239	0.6294	0.6613	0.6611	0.6482	0.6652	0.6410	3.64	AvgRF				
acenaphthene-d10											ISTD	AvgRF				
hexachlorocyclopentadiene		0.1620	0.1952	0.2161	0.2427	0.3027	0.3374	0.3495	0.3716	0.2724	28.74	quadratic	0.9991	0.043226	0.245535	-0.00340
2,4,6-trichlorophenol		0.2071	0.2899	0.3121	0.3185	0.3790	0.3906	0.3910	0.4062	0.3343	21.04	quadratic	0.9991	0.022953	0.340147	-0.00467
2,4,5-trichlorophenol		0.2487	0.3174	0.3128	0.3547	0.3630	0.3899	0.3918	0.4056	0.3477	15.26	quadratic	0.9998	0.021035	0.343729	-0.00294
2-fluorobiphenyl		1.2420	1.2876	1.2911	1.3055	1.3165	1.3739	1.3481	1.3787	1.3182	3.55 SUR	AvgRF				
2-chloronaphthalene		1.0588	1.0996	1.1178	1.1184	1.1943	1.2029	1.1977	1.2212	1.1513	5.19	AvgRF				
2-nitroaniline		0.1796	0.2552	0.2832	0.3354	0.3811	0.4144	0.4159	0.4316	0.3371	26.87	quadratic	0.9990	0.032655	0.339803	-0.00584
1,4-dinitrobenzene		0.0617	0.0919	0.1075	0.1371	0.1648	0.1893	0.1954	0.2021	0.1437	36.59	quadratic	0.9984	0.023302	0.137319	-0.00298
dimethyl phthalate		1.1484	1.2215	1.2110	1.2597	1.3433	1.3747	1.3660	1.3820	1.2883	6.95	AvgRF				
1,3-dinitrobenzene		0.0831	0.1311	0.1482	0.1774	0.2045	0.2221	0.2246	0.2330	0.1780	29.99	quadratic	0.9997	0.012008	0.199882	-0.00905
2,6-dinitrotoluene		0.1661	0.2354	0.2501	0.2727	0.2981	0.3151	0.3151	0.3239	0.2721	19.70	quadratic	0.9998	0.010484	0.294737	-0.00826
1,2-dinitrobenzene		0.0653	0.1010	0.1086	0.1243	0.1381	0.1488	0.1488	0.1523	0.1234	24.59	quadratic	0.9998	0.005005	0.139291	-0.00550
acenaphthylene		1.6956	1.8431	1.8549	1.9166	2.0106	2.0172	1.9942	2.0305	1.9204	6.09	AvgRF				
3-nitroaniline		0.2643	0.3703	0.3935	0.4346	0.4756	0.4974	0.5005	0.5119	0.4310	19.74	quadratic	0.9996	0.024549	0.443366	-0.00586
acenaphthene		1.1569	1.1947	1.2070	1.2123	1.2792	1.3023	1.2867	1.3026	1.2427	4.54	AvgRF				
2,4-dinitrophenol			0.0322	0.0376	0.0542	0.0827	0.1192	0.1337	0.1507	0.0872	55.06	quadratic	0.9996	0.034056	0.050654	-0.00390
4-nitrophenol		0.1371	0.1953	0.2242	0.2667	0.3115	0.3393	0.3433	0.3559	0.2717	29.38	↓	0.9996	0.036011	0.254490	-0.00367
dibenzofuran		1.5395	1.5829	1.5761	1.6116	1.6922	1.7030	1.6688	1.7045	1.6348	3.98	AvgRF				
2,4-dinitrotoluene		0.1565	0.2513	0.2851	0.3355	0.3807	0.4063	0.4111	0.4241	0.3313	28.44	quadratic	0.9991	0.029388	0.341939	-0.00642
2,3,5,6-tetrachlorophenol		0.1150	0.1643	0.2053	0.2420	0.2792	0.3026	0.3063	0.3197	0.2443	29.36	quadratic	0.9991	0.025995	0.245685	-0.00453
2,3,4,6-tetrachlorophenol		0.1559	0.2392	0.2508	0.2736	0.3013	0.3185	0.3167	0.3311	0.2736	21.25	quadratic	0.9997	0.017988	0.278855	-0.00375
diethyl phthalate		1.0830	1.2206	1.2338	1.2865	1.3749	1.4280	1.4173	1.4415	1.3109	9.68	AvgRF				
fluorene		1.1822	1.2515	1.2553	1.3053	1.3811	1.4002	1.3674	1.3901	1.3166	6.11	AvgRF				
4-chlorophenyl phenyl ether		0.5215	0.5546	0.5807	0.5767	0.6150	0.6349	0.6315	0.6486	0.5932	7.71	AvgRF				
4-nitroaniline		0.1798	0.2680	0.2951	0.3314	0.3740	0.4046	0.4028	0.4107	0.3333	24.55	quadratic	0.9991	0.024699	0.344389	-0.00570
azobenzene		1.5342	1.6579	1.6435	1.7139	1.7945	1.8176	1.7866	1.8085	1.7196	5.88	AvgRF				
2,4,6-tribromophenol		0.0491	0.0777	0.0831	0.0949	0.1004	0.1124	0.1149	0.1198	0.0940	25.06 SUR			0.009324	0.092022	
phenanthrene-d10											ISTD	AvgRF				
4,6-dinitro-2-methylphenol			0.0459	0.0617	0.0884	0.1262	0.1659	0.1766	0.1899	0.1224	47.31	quadratic	0.9990	0.030075	0.105393	-0.01004

Operator: TK HPSV4 sn #: CV11451177 Notes:

Calibration ID: 022722M
Instrument ID: HPSV4
Calibration Date: 2/27/2022

ALS -- Fort Collins

Initial Calibration Report

Analyte	FileName: / Cal LVL ID:	SV2546.D 1	SV2546.D 5	SV2547.D 10	SV2548.D 20	SV2549.D 40	SV2550.D 80	SV2551.D 100	SV2552.D 120	AvgRF	%RSD		Curve Type	Higher Order Equation Corr	Quad Term	Linear Term	Const Term
n-nitrosodiphenylamine		0.9323	1.0378	1.0321	1.0798	1.1569	1.1926	1.1935	1.2039	1.1036	8.95		AvgRF				
4-bromophenyl phenyl ether		0.2919	0.3103	0.3104	0.3257	0.3480	0.3673	0.3682	0.3733	0.3369	9.33		AvgRF				
hexachlorobenzene		0.2107	0.2120	0.2148	0.2168	0.2247	0.2338	0.2334	0.2430	0.2237	5.35		AvgRF				
pentachlorophenol			0.0835	0.0827	0.1035	0.1251	0.1411	0.1439	0.1526	0.1161	29.13		quadratic	0.9996	0.012321	0.118190	-0.00803
phenanthrene		1.0466	1.0434	1.0344	1.0624	1.1245	1.1420	1.1203	1.1309	1.0881	4.16		AvgRF				
anthracene		0.9484	1.0260	1.0397	1.0608	1.1454	1.1614	1.1362	1.1656	1.0879	7.18		AvgRF				
carbazole		0.8112	0.9484	0.9614	0.9924	1.0519	1.0662	1.0626	1.0965	0.9989	9.28		AvgRF				
di-n-butyl phthalate			0.9687	1.0587	1.1532	1.2873	1.3493	1.3307	1.3467	1.2132	12.75		AvgRF				
terphenyl-d14		0.8479	0.9469	0.9620	0.9941	1.0206	1.0657	1.0698	1.0842	1.0014	8.20	SUR	AvgRF				
fluoranthene		0.9168	0.9996	1.0260	1.0601	1.1492	1.1959	1.1859	1.2049	1.0923	9.80		AvgRF				
chrysene-d12												ISTD	AvgRF				
benzidine			0.4539	0.5453	0.6809	0.7542	0.9199	0.9189	0.9662	0.7485	26.63		quadratic	0.9992	0.084908	0.733100	-0.04241
pyrene		1.1537	1.2448	1.2653	1.2878	1.4067	1.4389	1.4028	1.4025	1.3253	7.67		AvgRF				
butyl benzyl phthalate			0.2928	0.3693	0.4746	0.5987	0.6896	0.6908	0.6961	0.5446	30.66		quadratic	0.9985	0.041141	0.603377	-0.04911
bis(2-ethylhexyl) adipate			0.2515	0.3239	0.4147	0.5269	0.6106	0.6187	0.6339	0.4829	31.96		quadratic	0.9989	0.047550	0.514784	-0.04122
benzo(a)anthracene		1.1982	1.1945	1.2369	1.2524	1.3530	1.3793	1.3533	1.3565	1.2905	6.01		AvgRF				
3,3'-dichlorobenzidine		0.1793	0.2998	0.3444	0.3978	0.4401	0.5105	0.5129	0.5297	0.4018	30.51		quadratic	0.9995	0.030972	0.445962	-0.02123
chrysene		1.0468	1.1311	1.1225	1.1596	1.2448	1.2831	1.2367	1.2625	1.1834	6.77		AvgRF				
bis(2-ethylhexyl)phthalate			0.4817	0.5870	0.7032	0.8584	0.9812	0.9872	1.0003	0.7942	27.65		quadratic	0.9989	0.060434	0.856484	-0.06177
di-n-octyl phthalate			0.4094	0.5537	0.8037	1.1257	1.3856	1.4335	1.4905	1.0289	42.99		quadratic	0.9993	0.115734	1.206979	-0.16476
perylene-d12												ISTD	AvgRF				
benzo(b)fluoranthene		0.7999	0.9394	1.0506	1.1174	1.2990	1.3792	1.3465	1.4159	1.1685	19.39		quadratic	0.9989	0.084420	1.171162	-0.01449
benzo(k)fluoranthene		0.9563	1.0657	1.1072	1.1910	1.2725	1.3338	1.3463	1.3436	1.2020	12.23		AvgRF				
benzo(a)pyrene		0.6415	0.7681	0.8762	0.9611	1.0986	1.1683	1.1797	1.2162	0.9937	21.32		quadratic	0.9991	0.079470	0.995785	-0.01357
indeno(1,2,3-cd)pyrene		0.4307	0.6454	0.7568	0.8919	1.0750	1.1831	1.1912	1.2239	0.9247	31.69		quadratic	0.9984	0.105742	0.935676	-0.01923
dibenzo(a,h)anthracene		0.5833	0.8034	0.9023	1.0097	1.1403	1.2280	1.2406	1.3031	1.0263	24.37		quadratic	0.9994	0.098704	1.014938	-0.01487
benzo(g,h,i)perylene		0.6530	0.8657	0.9494	1.0312	1.1705	1.2295	1.2324	1.2816	1.0517	20.82		quadratic	0.9994	0.076400	1.060999	-0.01409

Operator: TK HPSV4 sn #: CV11451177 Notes:

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Initial Calibration Verification

Lab Sample ID: 40PPM_8270_ICV **Calibration ID:** 022722M
Analysis Date: 2/27/2022 **Instrument ID:** HPSV4
File Name: SV2553 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						9.3	-0.002	AvgRF
2)	1,4-dioxane	0.4960	0.4774			-3.7		0.004	AvgRF
3)	pyridine	1.8800	1.8903			0.5		0.004	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1574			3.2		-0.005	AvgRF
8)	aniline	4.2677	4.4601			4.5		0.001	AvgRF
10)	phenol	2.0785	2.1947			5.6		0.000	AvgRF
12)	bis(2-chloroethyl)ether	1.3912	1.4489			4.1		-0.003	AvgRF
13)	2-chlorophenol	1.3848	1.4604			5.5		0.000	AvgRF
14)	1,3-dichlorobenzene	1.5556	1.5905			2.2		0.000	AvgRF
15)	1,4-dichlorobenzene	1.5574	1.5926			2.3		0.000	AvgRF
17)	1,2-dichlorobenzene	1.4741	1.5478			5.0		0.000	AvgRF
18)	benzyl alcohol	1.3447	1.4653			9.0		-0.001	AvgRF
19)	bis(2-chloroisopropyl)ether	2.0000	2.0702			3.5		-0.002	AvgRF
20)	2-methylphenol	1.4450	1.5753			9.0		0.000	AvgRF
21)	n-nitroso-di-n-propylamine	1.2080	1.2799			6.0		-0.003	AvgRF
22)	3+4-methylphenol	1.5763	1.7154			8.8		0.005	AvgRF
24)	hexachloroethane	0.6210	0.6568			5.8		0.001	AvgRF
26) ISTD	naphthalene-d8						9.0	-0.001	AvgRF
28)	nitrobenzene	0.7311	0.7885			7.8		0.003	AvgRF
29)	isophorone	0.8456	0.8965			6.0		0.004	AvgRF
31)	2-nitrophenol			40.000	44.94	12.3		0.001	quadratic
32)	2,4-dimethylphenol			40.000	41.28	3.2		-0.004	quadratic
33)	bis(2-chloroethoxy)methane	0.5102	0.5325			4.4		0.003	AvgRF
34)	2,4-dichlorophenol	0.2599	0.2851			9.7		0.005	AvgRF
35)	benzoic acid			40.000	46.89	17.2		0.005	quadratic
36)	1,2,4-trichlorobenzene	0.3003	0.3048			1.5		-0.002	AvgRF
37)	naphthalene	1.1061	1.1462			3.6		0.001	AvgRF
38)	4-chloroaniline	0.1716	0.1668			-2.8		-0.003	AvgRF
39)	hexachlorobutadiene	0.1606	0.1643			2.3		0.000	AvgRF
40)	4-chloro-3-methylphenol	0.3119	0.3408			9.2		-0.004	AvgRF
41)	2-methylnaphthalene	0.6942	0.7200			3.7		0.001	AvgRF
42)	1-methylnaphthalene	0.6410	0.6628			3.4		0.001	AvgRF
43) ISTD	acenaphthene-d10						9.9	0.004	AvgRF
44)	hexachlorocyclopentadiene			40.000	44.61	11.5		-0.003	quadratic
45)	2,4,6-trichlorophenol			40.000	42.91	7.3		0.001	quadratic
46)	2,4,5-trichlorophenol			40.000	41.32	3.3		0.001	quadratic
48)	2-chloronaphthalene	1.1513	1.1859			3.0		0.004	AvgRF
49)	2-nitroaniline			40.000	43.42	8.6		-0.003	quadratic
50)	1,4-dinitrobenzene			40.000	44.81	12.0		0.004	quadratic
51)	dimethyl phthalate	1.2883	1.3570			5.3		0.003	AvgRF
52)	1,3-dinitrobenzene			40.000	41.91	4.8		-0.002	quadratic
53)	2,6-dinitrotoluene			40.000	41.05	2.6		-0.004	quadratic
54)	1,2-dinitrobenzene			40.000	41.20	3.0		0.003	quadratic
55)	acenaphthylene	1.9204	2.0149			4.9		0.004	AvgRF
56)	3-nitroaniline			40.000	41.82	4.6		-0.005	quadratic
57)	acenaphthene	1.2427	1.2935			4.1		0.004	AvgRF
58)	2,4-dinitrophenol			40.000	48.94	22.3		0.002	quadratic
59)	4-nitrophenol					23.2		-0.005	
60)	dibenzofuran	1.6348	1.6860			3.1		-0.003	AvgRF
61)	2,4-dinitrotoluene			40.000	42.70	6.7		-0.004	quadratic
62)	2,3,5,6-tetrachlorophenol			40.000	43.40	8.5		0.000	quadratic
63)	2,3,4,6-tetrachlorophenol			40.000	41.60	4.0		-0.005	quadratic
64)	diethyl phthalate	1.3109	1.3949			6.4		-0.003	AvgRF
65)	fluorene	1.3166	1.3792			4.8		0.002	AvgRF
66)	4-chlorophenyl phenyl ether	0.5932	0.6186			4.3		0.004	AvgRF
67)	4-nitroaniline			40.000	42.12	5.3		0.002	quadratic
68)	azobenzene	1.7196	1.7976			4.5		-0.002	AvgRF
70) ISTD	phenanthrene-d10						10.1	-0.002	AvgRF
71)	4,6-dinitro-2-methylphenol			40.000	46.60	16.5		0.000	quadratic
72)	n-nitrosodiphenylamine	1.1036	1.1656			5.6		0.003	AvgRF
73)	4-bromophenyl phenyl ether	0.3369	0.3517			4.4		-0.002	AvgRF
74)	hexachlorobenzene	0.2237	0.2287			2.3		0.001	AvgRF
75)	pentachlorophenol			40.000	43.49	8.7		0.004	quadratic

Operator: TK HPSV4 sn #: CV11451177

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Initial Calibration Verification

Lab Sample ID: 40PPM_8270_ICV **Calibration ID:** 022722M
Analysis Date: 2/27/2022 **Instrument ID:** HPSV4
File Name: SV2553 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
76)	phenanthrene	1.0881	1.1163			2.6		-0.004	AvgRF
77)	anthracene	1.0879	1.1375			4.6		0.003	AvgRF
78)	carbazole	0.9989	1.0649			6.6		-0.003	AvgRF
79)	di-n-butyl phthalate	1.2132	1.3082			7.8		-0.003	AvgRF
81)	fluoranthene	1.0923	1.1613			6.3		-0.003	AvgRF
82) ISTD	chrysene-d12						10.3	-0.002	AvgRF
83)	benzidine			40.000	40.82	2.1		0.001	quadratic
84)	pyrene	1.3253	1.4090			6.3		-0.001	AvgRF
86)	butyl benzyl phthalate			40.000	42.67	6.7		-0.004	quadratic
87)	bis(2-ethylhexyl) adipate			40.000	42.97	7.4		-0.003	quadratic
88)	benzo(a)anthracene	1.2905	1.3569			5.1		0.000	AvgRF
90)	chrysene	1.1834	1.2432			5.1		0.003	AvgRF
91)	bis(2-ethylhexyl)phthalate			40.000	42.12	5.3		-0.002	quadratic
92)	di-n-octyl phthalate			40.000	42.38	6.0		0.004	quadratic
93) ISTD	perylene-d12						10.3	0.004	AvgRF
94)	benzo(b)fluoranthene			40.000	41.86	4.7		-0.005	quadratic
95)	benzo(k)fluoranthene	1.2020	1.2739			6.0		-0.002	AvgRF
96)	benzo(a)pyrene			40.000	41.69	4.2		-0.004	quadratic
97)	indeno(1,2,3-cd)pyrene			40.000	42.32	5.8		-0.002	quadratic
98)	dibenzo(a,h)anthracene			40.000	41.69	4.2		-0.003	quadratic
99)	benzo(g,h,i)perylene			40.000	41.27	3.2		0.003	quadratic

Operator: TK HPSV4 sn #: CV11451177

Calibration ID: 022722SPM
Instrument ID: HPSV4
Calibration Date: 2/27/2022

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Initial Calibration Report

Analyte	FileName: / Cal LVL ID:	SV2535.D 0.05	SV2536.D 0.1	SV2537.D 0.5	SV2538.D 1	SV2539.D 2	SV2540.D 5	SV2541.D 10	AvgRF	%RSD		Curve Type	Higher Order Equation Corr	Quad Term	Linear Term	Const Term
naphthalene-d8											ISTD	AvgRF				
nitrobenzene-d5		0.4439	0.3915	0.4009	0.3986	0.4023	0.4242	0.4300	0.4131	4.74	SUR	AvgRF				
naphthalene		1.2436	1.1382	1.1342	1.1199	1.1018	1.1111	1.0795	1.1326	4.66		AvgRF				
2-methylnaphthalene		0.8061	0.7205	0.7233	0.7211	0.7204	0.7485	0.7501	0.7414	4.24		AvgRF				
1-methylnaphthalene		0.7810	0.6948	0.7038	0.6987	0.6942	0.7097	0.7057	0.7126	4.31		AvgRF				
acenaphthene-d10											ISTD	AvgRF				
2-fluorobiphenyl		1.6016	1.4338	1.4458	1.4352	1.4206	1.4393	1.4066	1.4547	4.55	SUR	AvgRF				
acenaphthylene		2.2912	2.0244	2.0235	2.0059	2.0254	2.1192	2.1291	2.0884	4.90		AvgRF				
acenaphthene		1.5116	1.3691	1.3362	1.3296	1.3220	1.3537	1.3355	1.3654	4.86		AvgRF				
fluorene		1.5811	1.4293	1.4006	1.3852	1.4064	1.4683	1.4575	1.4469	4.59		AvgRF				
phenanthrene-d10											ISTD	AvgRF				
phenanthrene		1.3924	1.2628	1.2144	1.2082	1.1915	1.2263	1.2269	1.2458	5.49		AvgRF				
anthracene		1.2347	1.1007	1.0986	1.0974	1.1179	1.1837	1.1899	1.1461	4.87		AvgRF				
terphenyl-d14		1.2817	1.0972	1.0367	1.0224	1.0207	1.0275	1.0337	1.0743	8.86	SUR	AvgRF				
fluoranthene		1.2732	1.1513	1.1243	1.1279	1.1627	1.2425	1.2635	1.1922	5.46		AvgRF				
chrysene-d12											ISTD	AvgRF				
pyrene		1.9804	1.7732	1.6673	1.6310	1.6050	1.6492	1.6253	1.7045	7.83		AvgRF				
benzo(a)anthracene		1.5349	1.3080	1.2013	1.1871	1.2203	1.3046	1.3239	1.2971	9.16		AvgRF				
chrysene		1.6004	1.4813	1.4089	1.4087	1.3482	1.3798	1.3614	1.4270	6.16		AvgRF				
perylene-d12											ISTD	AvgRF				
benzo(b)fluoranthene		1.4478	1.2627	1.2728	1.2914	1.3857	1.5894	1.6482	1.4140	11.01		quadratic	0.9988	0.059600	1.366826	-0.00333
benzo(k)fluoranthene		1.4803	1.3935	1.4734	1.5787	1.6919	1.8353	1.8611	1.6160	11.40		quadratic	0.9991	0.041666	1.669864	-0.01132
benzo(a)pyrene		1.2429	1.1010	1.0952	1.1482	1.3071	1.5043	1.5849	1.2834	15.22		quadratic	0.9959	0.105131	1.124870	0.001910
indeno(1,2,3-cd)pyrene		0.8919	0.7219	0.7346	0.7722	0.8636	1.0783	1.2149	0.8968	20.75		quadratic	0.9985	0.083432	0.811087	-0.00263
dibenzo(a,h)anthracene		0.8730	0.7603	0.9158	0.9904	1.1066	1.2958	1.3720	1.0448	21.54		quadratic	0.9984	0.062817	1.075290	-0.01181
benzo(g,h,i)perylene		1.2758	1.1281	1.1130	1.1527	1.2491	1.4271	1.4987	1.2635	11.90		quadratic	0.9989	0.059310	1.216659	-0.00332

Operator: TK HPSV4 sn #: CV11451177 Notes:

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Initial Calibration Verification

Lab Sample ID: 5PPM_SIMPAH_ICV **Calibration ID:** 022722SPM
Analysis Date: 2/27/2022 **Instrument ID:** HPSV4
File Name: SV2543 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
26) ISTD	naphthalene-d8						1.9	-0.002	AvgRF
37)	naphthalene	1.1328	1.1083			-2.1		0.000	AvgRF
41)	2-methylnaphthalene	0.7414	0.7417			0.0		-0.002	AvgRF
42)	1-methylnaphthalene	0.7126	0.7046			-1.1		0.000	AvgRF
43) ISTD	acenaphthene-d10						0.4	-0.002	AvgRF
55)	acenaphthylene	2.0884	2.1246			1.7		0.005	AvgRF
57)	acenaphthene	1.3654	1.3602			-0.4		-0.001	AvgRF
65)	fluorene	1.4469	1.4747			1.9		0.003	AvgRF
70) ISTD	phenanthrene-d10						0.5	0.003	AvgRF
76)	phenanthrene	1.2458	1.2319			-1.1		0.003	AvgRF
77)	anthracene	1.1461	1.1805			3.0		0.002	AvgRF
81)	fluoranthene	1.1922	1.2378			3.8		-0.002	AvgRF
82) ISTD	chrysene-d12						1.6	0.003	AvgRF
84)	pyrene	1.7045	1.6320			-4.3		-0.001	AvgRF
88)	benzo(a)anthracene	1.2971	1.2569			-3.1		-0.002	AvgRF
90)	chrysene	1.4270	1.3750			-3.6		0.001	AvgRF
93) ISTD	perylene-d12						1.1	0.003	AvgRF
94)	benzo(b)fluoranthene			5.000	5.23	4.5		0.000	quadratic
95)	benzo(k)fluoranthene			5.000	5.19	3.7		0.000	quadratic
96)	benzo(a)pyrene			5.000	5.30	6.1		0.004	quadratic
97)	indeno(1,2,3-cd)pyrene			5.000	5.06	1.1		0.001	quadratic
98)	dibenzo(a,h)anthracene			5.000	5.17	3.4		-0.004	quadratic
99)	benzo(g,h,i)perylene			5.000	5.16	3.1		0.000	quadratic

Operator: TK HPSV4 sn #: CV11451177

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Continuing Calibration Verification

Lab Sample ID: SV220306-4CCV **Calibration ID:** 022722M
Analysis Date: 3/6/2022 **Instrument ID:** HPSV4
File Name: SV2778 **Calibration Date:** 2/27/2022

		Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
1)	ISTD	1,4-dichlorobenzene-d4						16.1	-0.005	AvgRF
3)		pyridine	1.8800	1.9294			2.6		0.002	AvgRF
4)		n-nitrosodimethylamine	1.1218	1.1524			2.7		-0.003	AvgRF
8)		aniline	4.2677	4.5826			7.4		0.002	AvgRF
10		phenol	2.0785	2.2719			9.3		-0.003	AvgRF
12		bis(2-chloroethyl)ether	1.3912	1.4537			4.5		0.002	AvgRF
13		2-chlorophenol	1.3848	1.4979			8.2		0.001	AvgRF
14		1,3-dichlorobenzene	1.5556	1.5688			0.8		0.002	AvgRF
15		1,4-dichlorobenzene	1.5574	1.5003			-3.7		0.001	AvgRF
17		1,2-dichlorobenzene	1.4741	1.4862			0.8		0.003	AvgRF
18		benzyl alcohol	1.3447	1.4691			9.2		0.002	AvgRF
19		bis(2-chloroisopropyl)ether	2.0000	2.0195			1.0		-0.005	AvgRF
20		2-methylphenol	1.4450	1.5954			10.4		-0.001	AvgRF
21		n-nitroso-di-n-propylamine	1.2080	1.3091			8.4		0.000	AvgRF
22		3+4-methylphenol	1.5763	1.7860			13.3		0.000	AvgRF
24		hexachloroethane	0.6210	0.6810			9.6		0.004	AvgRF
26	ISTD	naphthalene-d8						19.4	0.000	AvgRF
28		nitrobenzene	0.7311	0.8022			9.7		0.002	AvgRF
29		isophorone	0.8456	0.8892			5.2		0.003	AvgRF
31		2-nitrophenol			40.000	47.84	19.6		-0.004	quadratic
32		2,4-dimethylphenol			40.000	40.81	2.0		-0.004	quadratic
33		bis(2-chloroethoxy)methane	0.5102	0.5395			5.7		-0.003	AvgRF
34		2,4-dichlorophenol	0.2599	0.2724			4.8		-0.004	AvgRF
35		benzoic acid			40.000	55.45	38.6 TIND		0.002	quadratic
36		1,2,4-trichlorobenzene	0.3003	0.2839			-5.4		-0.001	AvgRF
37		naphthalene	1.1061	1.0875			-1.7		0.002	AvgRF
38		4-chloroaniline	0.1716	0.1572			-8.4		-0.003	AvgRF
39		hexachlorobutadiene	0.1606	0.1482			-7.7		0.000	AvgRF
40		4-chloro-3-methylphenol	0.3119	0.3445			10.4		0.004	AvgRF
41		2-methylnaphthalene	0.6942	0.6929			-0.2		-0.003	AvgRF
42		1-methylnaphthalene	0.6410	0.6420			0.2		0.002	AvgRF
43	ISTD	acenaphthene-d10						16.5	0.005	AvgRF
44		hexachlorocyclopentadiene			40.000	37.11	-7.2		0.003	quadratic
45		2,4,6-trichlorophenol			40.000	41.10	2.8		0.004	quadratic
46		2,4,5-trichlorophenol			40.000	41.67	4.2		0.003	quadratic
48		2-chloronaphthalene	1.1513	1.1879			3.2		0.001	AvgRF
49		2-nitroaniline			40.000	46.49	16.2		0.000	quadratic
51		dimethyl phthalate	1.2883	1.3583			5.4		0.000	AvgRF
53		2,6-dinitrotoluene			40.000	41.33	3.3		-0.003	quadratic
55		acenaphthylene	1.9204	1.9969			4.0		-0.005	AvgRF
56		3-nitroaniline			40.000	41.98	5.0		0.002	quadratic
57		acenaphthene	1.2427	1.2919			4.0		-0.001	AvgRF
58		2,4-dinitrophenol			40.000	47.78	19.4		0.003	quadratic
59		4-nitrophenol					19.2		0.000	
60		dibenzofuran	1.6348	1.6368			0.1		0.002	AvgRF
61		2,4-dinitrotoluene			40.000	43.64	9.1		-0.003	quadratic
63		2,3,4,6-tetrachlorophenol			40.000	40.64	1.6		-0.004	quadratic
64		diethyl phthalate	1.3109	1.4104			7.6		0.001	AvgRF
65		fluorene	1.3166	1.3640			3.6		-0.003	AvgRF
66		4-chlorophenyl phenyl ether	0.5932	0.5904			-0.5		0.003	AvgRF
67		4-nitroaniline			40.000	42.18	5.5		-0.003	quadratic
68		azobenzene	1.7196	1.8570			8.0		0.003	AvgRF
70	ISTD	phenanthrene-d10						16.2	0.001	AvgRF
71		4,6-dinitro-2-methylphenol			40.000	47.61	19.0		0.004	quadratic
72		n-nitrosodiphenylamine	1.1036	1.1497			4.2		-0.003	AvgRF
73		4-bromophenyl phenyl ether	0.3369	0.3429			1.8		-0.003	AvgRF
74		hexachlorobenzene	0.2237	0.2246			0.4		0.000	AvgRF
75		pentachlorophenol			40.000	42.27	5.7		0.003	quadratic
76		phenanthrene	1.0881	1.1184			2.8		-0.001	AvgRF
77		anthracene	1.0879	1.1480			5.5		0.000	AvgRF
78		carbazole	0.9989	1.0727			7.4		0.000	AvgRF
79		di-n-butyl phthalate	1.2132	1.3961			15.1		-0.002	AvgRF
81		fluoranthene	1.0923	1.1494			5.2		-0.002	AvgRF
82	ISTD	chrysene-d12						14.5	0.001	AvgRF

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220306-4CCV **Calibration ID:** 022722M
Analysis Date: 3/6/2022 **Instrument ID:** HPSV4
File Name: SV2778 **Calibration Date:** 2/27/2022

		Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
84		pyrene	1.3253	1.4121			6.5		-0.004	AvgRF
86		butyl benzyl phthalate			40.000	48.76	21.9	↑& ND	-0.002	quadratic
88		benzo(a)anthracene	1.2905	1.2953			0.4		0.003	AvgRF
90		chrysene	1.1834	1.2068			2.0		-0.004	AvgRF
91		bis(2-ethylhexyl)phthalate			40.000	47.64	19.1		-0.001	quadratic
92		di-n-octyl phthalate			40.000	54.07	35.2	↑& ND	0.001	quadratic
93	ISTD	perylene-d12						20.2	-0.001	AvgRF
94		benzo(b)fluoranthene			40.000	39.43	-1.4		0.000	quadratic
95		benzo(k)fluoranthene	1.2020	1.2075			0.5		-0.003	AvgRF
96		benzo(a)pyrene			40.000	40.07	0.2		0.001	quadratic
97		indeno(1,2,3-cd)pyrene			40.000	42.09	5.2		-0.005	quadratic
98		dibenzo(a,h)anthracene			40.000	40.51	1.3		-0.002	quadratic
99		benzo(g,h,i)perylene			40.000	40.19	0.5		0.003	quadratic

Nickname Filters

8270_Full

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220307-4CCV **Calibration ID:** 022722M
Analysis Date: 3/7/2022 **Instrument ID:** HPSV4
File Name: SV2802 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						20.9	0.004	AvgRF
3)	pyridine	1.8800	1.9762			5.1		0.004	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1977			6.8		-0.005	AvgRF
8)	aniline	4.2677	4.6839			9.8		-0.003	AvgRF
10	phenol	2.0785	2.2997			10.6		0.001	AvgRF
12	bis(2-chloroethyl)ether	1.3912	1.4876			6.9		-0.003	AvgRF
13	2-chlorophenol	1.3848	1.5082			8.9		-0.004	AvgRF
14	1,3-dichlorobenzene	1.5556	1.5511			-0.3		0.000	AvgRF
15	1,4-dichlorobenzene	1.5574	1.5146			-2.7		0.000	AvgRF
17	1,2-dichlorobenzene	1.4741	1.4740			0.0		-0.004	AvgRF
18	benzyl alcohol	1.3447	1.5411			14.6		0.001	AvgRF
19	bis(2-chloroisopropyl)ether	2.0000	2.1483			7.4		0.004	AvgRF
20	2-methylphenol	1.4450	1.5902			10.1		0.002	AvgRF
21	n-nitroso-di-n-propylamine	1.2080	1.3773			14.0		0.003	AvgRF
22	3+4-methylphenol	1.5763	1.8146			15.1		0.003	AvgRF
24	hexachloroethane	0.6210	0.6883			10.8		-0.003	AvgRF
26 ISTD	naphthalene-d8						23.2	0.005	AvgRF
28	nitrobenzene	0.7311	0.8116			11.0		-0.001	AvgRF
29	isophorone	0.8456	0.9211			8.9		0.000	AvgRF
31	2-nitrophenol			40.000	49.68	24.2 ↑ & ND		0.003	quadratic
32	2,4-dimethylphenol			40.000	41.24	3.1		-0.003	quadratic
33	bis(2-chloroethoxy)methane	0.5102	0.5537			8.5		-0.001	AvgRF
34	2,4-dichlorophenol	0.2599	0.2755			6.0		0.003	AvgRF
35	benzoic acid			40.000	63.40	58.5 ↑ & ND		-0.001	quadratic
36	1,2,4-trichlorobenzene	0.3003	0.2825			-5.9		0.000	AvgRF
37	naphthalene	1.1061	1.1065			0.0		-0.003	AvgRF
38	4-chloroaniline	0.1716	0.1692			-1.4		-0.002	AvgRF
39	hexachlorobutadiene	0.1606	0.1464			-8.9		-0.004	AvgRF
40	4-chloro-3-methylphenol	0.3119	0.3574			14.6		-0.001	AvgRF
41	2-methylnaphthalene	0.6942	0.7065			1.8		0.003	AvgRF
42	1-methylnaphthalene	0.6410	0.6490			1.2		-0.003	AvgRF
43 ISTD	acenaphthene-d10						21.6	-0.004	AvgRF
44	hexachlorocyclopentadiene			40.000	44.02	10.0		0.003	quadratic
45	2,4,6-trichlorophenol			40.000	40.14	0.4		-0.001	quadratic
46	2,4,5-trichlorophenol			40.000	42.20	5.5		-0.002	quadratic
48	2-chloronaphthalene	1.1513	1.1798			2.5		-0.004	AvgRF
49	2-nitroaniline			40.000	47.68	19.2		-0.001	quadratic
51	dimethyl phthalate	1.2883	1.3732			6.6		0.005	AvgRF
53	2,6-dinitrotoluene			40.000	41.95	4.9		-0.002	quadratic
55	acenaphthylene	1.9204	2.0326			5.8		-0.004	AvgRF
56	3-nitroaniline			40.000	45.23	13.1		0.003	quadratic
57	acenaphthene	1.2427	1.2976			4.4		0.000	AvgRF
58	2,4-dinitrophenol			40.000	63.22	58.1 ↑ & ND		0.004	quadratic
59	4-nitrophenol					28.1 ↑ & ND		0.001	
60	dibenzofuran	1.6348	1.6384			0.2		0.003	AvgRF
61	2,4-dinitrotoluene			40.000	45.10	12.8		-0.002	quadratic
63	2,3,4,6-tetrachlorophenol			40.000	40.86	2.2		-0.003	quadratic
64	diethyl phthalate	1.3109	1.4369			9.6		0.003	AvgRF
65	fluorene	1.3166	1.3674			3.9		0.004	AvgRF
66	4-chlorophenyl phenyl ether	0.5932	0.5846			-1.4		0.000	AvgRF
67	4-nitroaniline			40.000	44.57	11.4		0.004	quadratic
68	azobenzene	1.7196	1.9225			11.8		0.000	AvgRF
70 ISTD	phenanthrene-d10						21.1	0.004	AvgRF
71	4,6-dinitro-2-methylphenol			40.000	57.54	43.8 ↑ & ND		0.001	quadratic
72	n-nitrosodiphenylamine	1.1036	1.1677			5.8		-0.002	AvgRF
73	4-bromophenyl phenyl ether	0.3369	0.3409			1.2		0.000	AvgRF
74	hexachlorobenzene	0.2237	0.2209			-1.2		0.002	AvgRF
75	pentachlorophenol			40.000	41.69	4.2		-0.005	quadratic
76	phenanthrene	1.0881	1.1243			3.3		-0.002	AvgRF
77	anthracene	1.0879	1.1674			7.3		-0.001	AvgRF
78	carbazole	0.9989	1.0999			10.1		-0.002	AvgRF
79	di-n-butyl phthalate	1.2132	1.4232			17.3		-0.003	AvgRF
81	fluoranthene	1.0923	1.1745			7.5		0.003	AvgRF
82 ISTD	chrysene-d12						20.3	-0.001	AvgRF

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220307-4CCV **Calibration ID:** 022722M
Analysis Date: 3/7/2022 **Instrument ID:** HPSV4
File Name: SV2802 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
84	pyrene	1.3253	1.4204			7.2		0.001	AvgRF
86	butyl benzyl phthalate			40.000	50.05	25.1 ↑ & ND		-0.004	quadratic
88	benzo(a)anthracene	1.2905	1.3194			2.2		0.002	AvgRF
90	chrysene	1.1834	1.2111			2.3		0.005	AvgRF
91	bis(2-ethylhexyl)phthalate			40.000	48.88	22.2		-0.002	quadratic
92	di-n-octyl phthalate			40.000	57.31	43.3 ↑ & ND		0.004	quadratic
93 ISTD	perylene-d12						29.8	0.002	AvgRF
94	benzo(b)fluoranthene			40.000	40.06	0.1		0.003	quadratic
95	benzo(k)fluoranthene	1.2020	1.1814			-1.7		-0.004	AvgRF
96	benzo(a)pyrene			40.000	41.13	2.8		0.004	quadratic
97	indeno(1,2,3-cd)pyrene			40.000	45.04	12.6		0.002	quadratic
98	dibenzo(a,h)anthracene			40.000	42.10	5.3		0.005	quadratic
99	benzo(g,h,i)perylene			40.000	41.54	3.8		0.002	quadratic

Nickname Filters

8270_Full

bis(2-ethylhexyl)phthalate detected in 2202436-10
flagged accordingly as an estimated value
mr 3/12/22

Operator: TK HPSV4 sn #: CV11451177

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Continuing Calibration Verification

Lab Sample ID: SV220308-4CCV **Calibration ID:** 022722M
Analysis Date: 3/8/2022 **Instrument ID:** HPSV4
File Name: SV2821 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						2.6	-0.002	AvgRF
3)	pyridine	1.8800	1.9756			5.1		0.004	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1951			6.5		-0.005	AvgRF
8)	aniline	4.2677	4.6887			9.9		0.001	AvgRF
10)	phenol	2.0785	2.2832			9.8		-0.004	AvgRF
12)	bis(2-chloroethyl)ether	1.3912	1.4846			6.7		-0.003	AvgRF
13)	2-chlorophenol	1.3848	1.5059			8.7		0.000	AvgRF
14)	1,3-dichlorobenzene	1.5556	1.5482			-0.5		0.000	AvgRF
15)	1,4-dichlorobenzene	1.5574	1.5475			-0.6		0.000	AvgRF
17)	1,2-dichlorobenzene	1.4741	1.4880			0.9		-0.004	AvgRF
18)	benzyl alcohol	1.3447	1.5256			13.5		-0.005	AvgRF
19)	bis(2-chloroisopropyl)ether	2.0000	2.1147			5.7		-0.002	AvgRF
20)	2-methylphenol	1.4450	1.6066			11.2		-0.004	AvgRF
21)	n-nitroso-di-n-propylamine	1.2080	1.3786			14.1		-0.003	AvgRF
22)	3+4-methylphenol	1.5763	1.7977			14.0		-0.003	AvgRF
24)	hexachloroethane	0.6210	0.6894			11.0		0.001	AvgRF
26) ISTD	naphthalene-d8						5.8	-0.001	AvgRF
28)	nitrobenzene	0.7311	0.8033			9.9		0.003	AvgRF
29)	isophorone	0.8456	0.9202			8.8		0.004	AvgRF
31)	2-nitrophenol			40.000	49.09	22.7 ↑ & ND		-0.003	quadratic
32)	2,4-dimethylphenol			40.000	40.98	2.5		0.001	quadratic
33)	bis(2-chloroethoxy)methane	0.5102	0.5530			8.4		0.003	AvgRF
34)	2,4-dichlorophenol	0.2599	0.2732			5.1		-0.003	AvgRF
35)	benzoic acid			40.000	63.51	58.8 ↓		0.003	quadratic
36)	1,2,4-trichlorobenzene	0.3003	0.2809			-6.4		0.004	AvgRF
37)	naphthalene	1.1061	1.1021			-0.4		0.001	AvgRF
38)	4-chloroaniline	0.1716	0.1688			-1.6		0.003	AvgRF
39)	hexachlorobutadiene	0.1606	0.1452			-9.6		0.000	AvgRF
40)	4-chloro-3-methylphenol	0.3119	0.3575			14.6		0.003	AvgRF
41)	2-methylnaphthalene	0.6942	0.7068			1.8		-0.003	AvgRF
42)	1-methylnaphthalene	0.6410	0.6507			1.5		0.001	AvgRF
43) ISTD	acenaphthene-d10						4.4	0.000	AvgRF
44)	hexachlorocyclopentadiene			40.000	43.41	8.5		-0.003	quadratic
45)	2,4,6-trichlorophenol			40.000	40.19	0.5		0.003	quadratic
46)	2,4,5-trichlorophenol			40.000	42.09	5.2		0.003	quadratic
48)	2-chloronaphthalene	1.1513	1.1798			2.5		0.000	AvgRF
49)	2-nitroaniline			40.000	47.66	19.1		0.003	quadratic
51)	dimethyl phthalate	1.2883	1.3698			6.3		-0.001	AvgRF
53)	2,6-dinitrotoluene			40.000	42.41	6.0		-0.004	quadratic
55)	acenaphthylene	1.9204	2.0396			6.2		0.000	AvgRF
56)	3-nitroaniline			40.000	45.50	13.7		-0.003	quadratic
57)	acenaphthene	1.2427	1.3111			5.5		0.004	AvgRF
58)	2,4-dinitrophenol			40.000	65.57	63.9		-0.002	quadratic
59)	4-nitrophenol					28.4		0.005	
60)	dibenzofuran	1.6348	1.6658			1.9		-0.003	AvgRF
61)	2,4-dinitrotoluene			40.000	45.18	13.0		0.002	quadratic
63)	2,3,4,6-tetrachlorophenol			40.000	41.04	2.6		0.001	quadratic
64)	diethyl phthalate	1.3109	1.4542			10.9		-0.003	AvgRF
65)	fluorene	1.3166	1.3906			5.6		-0.002	AvgRF
66)	4-chlorophenyl phenyl ether	0.5932	0.5868			-1.1		0.004	AvgRF
67)	4-nitroaniline			40.000	45.52	13.8		-0.002	quadratic
68)	azobenzene	1.7196	1.9279			12.1		0.004	AvgRF
70) ISTD	phenanthrene-d10						5.5	-0.002	AvgRF
71)	4,6-dinitro-2-methylphenol			40.000	58.53	46.3 ↑ & ND		0.001	quadratic
72)	n-nitrosodiphenylamine	1.1036	1.1800			6.9		0.003	AvgRF
73)	4-bromophenyl phenyl ether	0.3369	0.3390			0.6		0.004	AvgRF
74)	hexachlorobenzene	0.2237	0.2208			-1.3		-0.003	AvgRF
75)	pentachlorophenol			40.000	41.71	4.3		0.000	quadratic
76)	phenanthrene	1.0881	1.1315			4.0		0.002	AvgRF
77)	anthracene	1.0879	1.1602			6.6		0.003	AvgRF
78)	carbazole	0.9989	1.1061			10.7		0.002	AvgRF
79)	di-n-butyl phthalate	1.2132	1.4112			16.3		0.001	AvgRF
81)	fluoranthene	1.0923	1.1827			8.3		-0.003	AvgRF
82) ISTD	chrysene-d12						7.0	-0.002	AvgRF

Operator: TK HPSV4 sn #: CV11451177

* benzoic acid detected in sample 2202436-33 flagged accordingly as an estimated value

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Continuing Calibration Verification

Lab Sample ID: SV220308-4CCV **Calibration ID:** 022722M
Analysis Date: 3/8/2022 **Instrument ID:** HPSV4
File Name: SV2821 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
84)	pyrene	1.3253	1.3949			5.2		-0.001	AvgRF
86)	butyl benzyl phthalate			40.000	49.29	23.2		0.005	quadratic
88)	benzo(a)anthracene	1.2905	1.3052			1.1		0.000	AvgRF
90)	chrysene	1.1834	1.2156			2.7		0.003	AvgRF
91)	bis(2-ethylhexyl)phthalate			40.000	47.97	19.9		-0.004	quadratic
92)	di-n-octyl phthalate			40.000	56.66	41.7		-0.004	quadratic
93) ISTD	perylene-d12						15.5	0.004	AvgRF
94)	benzo(b)fluoranthene			40.000	39.71	-0.7		0.001	quadratic
95)	benzo(k)fluoranthene	1.2020	1.1850			-1.4		-0.002	AvgRF
96)	benzo(a)pyrene			40.000	40.91	2.3		-0.004	quadratic
97)	indeno(1,2,3-cd)pyrene			40.000	44.54	11.4		0.004	quadratic
98)	dibenzo(a,h)anthracene			40.000	42.09	5.2		-0.003	quadratic
99)	benzo(g,h,i)perylene			40.000	41.83	4.6		0.004	quadratic

Nickname Filters

8270_Full

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220312-4CCV **Calibration ID:** 022722M
Analysis Date: 3/12/2022 **Instrument ID:** HPSV4
File Name: SV2882 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						17.1	-0.022	AvgRF
2)	1,4-dioxane	0.4960	0.4891			-1.4		0.009	AvgRF
3)	pyridine	1.8800	1.9311			2.7		0.014	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1712			4.4		0.015	AvgRF
8)	aniline	4.2677	4.5023			5.5		-0.019	AvgRF
10)	phenol	2.0785	2.2624			8.8		-0.014	AvgRF
12)	bis(2-chloroethyl)ether	1.3912	1.4594			4.9		-0.013	AvgRF
13)	2-chlorophenol	1.3848	1.4981			8.2		-0.020	AvgRF
14)	1,3-dichlorobenzene	1.5556	1.5532			-0.2		-0.020	AvgRF
15)	1,4-dichlorobenzene	1.5574	1.5631			0.4		-0.020	AvgRF
17)	1,2-dichlorobenzene	1.4741	1.4920			1.2		-0.014	AvgRF
18)	benzyl alcohol	1.3447	1.4438			7.4		-0.025	AvgRF
19)	bis(2-chloroisopropyl)ether	2.0000	2.0272			1.4		-0.022	AvgRF
20)	2-methylphenol	1.4450	1.5378			6.4		-0.034	AvgRF
21)	n-nitroso-di-n-propylamine	1.2080	1.3281			9.9		-0.033	AvgRF
22)	3+4-methylphenol	1.5763	1.7137			8.7		-0.033	AvgRF
24)	hexachloroethane	0.6210	0.6911			11.3		-0.019	AvgRF
26) ISTD	naphthalene-d8						16.0	-0.031	AvgRF
28)	nitrobenzene	0.7311	0.7811			6.8		-0.027	AvgRF
29)	isophorone	0.8456	0.9140			8.1		-0.026	AvgRF
31)	2-nitrophenol			40.000	48.61	21.5 ↑ & ND		-0.033	quadratic
32)	2,4-dimethylphenol			40.000	41.07	2.7		-0.039	quadratic
33)	bis(2-chloroethoxy)methane	0.5102	0.5449			6.8		-0.027	AvgRF
34)	2,4-dichlorophenol	0.2599	0.2777			6.9		-0.033	AvgRF
35)	benzoic acid			40.000	56.50	41.2 ↑ & ND		-0.037	quadratic
36)	1,2,4-trichlorobenzene	0.3003	0.2972			-1.0		-0.026	AvgRF
37)	naphthalene	1.1061	1.1268			1.9		-0.039	AvgRF
38)	4-chloroaniline	0.1716	0.1680			-2.1		-0.037	AvgRF
39)	hexachlorobutadiene	0.1606	0.1587			-1.2		-0.040	AvgRF
40)	4-chloro-3-methylphenol	0.3119	0.3483			11.7		-0.037	AvgRF
41)	2-methylnaphthalene	0.6942	0.7318			5.4		-0.033	AvgRF
42)	1-methylnaphthalene	0.6410	0.6754			5.4		-0.039	AvgRF
43) ISTD	acenaphthene-d10						15.2	-0.040	AvgRF
44)	hexachlorocyclopentadiene			40.000	43.60	9.0		-0.043	quadratic
45)	2,4,6-trichlorophenol			40.000	40.11	0.3		-0.037	quadratic
46)	2,4,5-trichlorophenol			40.000	42.69	6.7		-0.037	quadratic
48)	2-chloronaphthalene	1.1513	1.1810			2.6		-0.040	AvgRF
49)	2-nitroaniline			40.000	46.45	16.1		-0.037	quadratic
50)	1,4-dinitrobenzene			40.000	49.12	22.8 ↑ & ND		-0.040	quadratic
51)	dimethyl phthalate	1.2883	1.3480			4.6		-0.031	AvgRF
52)	1,3-dinitrobenzene			40.000	45.38	13.4		-0.036	quadratic
53)	2,6-dinitrotoluene			40.000	42.47	6.2		-0.044	quadratic
54)	1,2-dinitrobenzene			40.000	44.04	10.1		-0.031	quadratic
55)	acenaphthylene	1.9204	2.0206			5.2		-0.040	AvgRF
56)	3-nitroaniline			40.000	44.66	11.7		-0.033	quadratic
57)	acenaphthene	1.2427	1.3355			7.5		-0.036	AvgRF
58)	2,4-dinitrophenol			40.000	54.27	35.7 ↑ & ND		-0.032	quadratic
59)	4-nitrophenol					23.2 ↓		-0.045	
60)	dibenzofuran	1.6348	1.7105			4.6		-0.033	AvgRF
61)	2,4-dinitrotoluene			40.000	45.21	13.0		-0.038	quadratic
62)	2,3,5,6-tetrachlorophenol			40.000	44.24	10.6		-0.028	quadratic
63)	2,3,4,6-tetrachlorophenol			40.000	41.78	4.5		-0.039	quadratic
64)	diethyl phthalate	1.3109	1.4128			7.8		-0.033	AvgRF
65)	fluorene	1.3166	1.4101			7.1		-0.032	AvgRF
66)	4-chlorophenyl phenyl ether	0.5932	0.6114			3.1		-0.026	AvgRF
67)	4-nitroaniline			40.000	43.60	9.0		-0.032	quadratic
68)	azobenzene	1.7196	1.9249			11.9		-0.026	AvgRF
70) ISTD	phenanthrene-d10						16.7	-0.022	AvgRF
71)	4,6-dinitro-2-methylphenol			40.000	52.88	32.2 ↑ & ND		-0.029	quadratic
72)	n-nitrosodiphenylamine	1.1036	1.1946			8.2		-0.027	AvgRF
73)	4-bromophenyl phenyl ether	0.3369	0.3603			7.0		-0.026	AvgRF
74)	hexachlorobenzene	0.2237	0.2337			4.5		-0.023	AvgRF
75)	pentachlorophenol			40.000	39.06	-2.4		-0.030	quadratic

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220312-4CCV **Calibration ID:** 022722M
Analysis Date: 3/12/2022 **Instrument ID:** HPSV4
File Name: SV2882 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
76)	phenanthrene	1.0881	1.1422			5.0		-0.028	AvgRF
77)	anthracene	1.0879	1.1691			7.5		-0.027	AvgRF
78)	carbazole	0.9989	1.0891			9.0		-0.018	AvgRF
79)	di-n-butyl phthalate	1.2132	1.3694			12.9		-0.019	AvgRF
81)	fluoranthene	1.0923	1.2047			10.3		-0.013	AvgRF
82) ISTD	chrysene-d12						21.5	-0.022	AvgRF
83)	benzidine			40.000	40.90	2.2		-0.019	quadratic
84)	pyrene	1.3253	1.3808			4.2		-0.021	AvgRF
86)	butyl benzyl phthalate			40.000	45.74	14.4		-0.015	quadratic
87)	bis(2-ethylhexyl) adipate			40.000	47.50	18.7		-0.015	quadratic
88)	benzo(a)anthracene	1.2905	1.3019			0.9		-0.020	AvgRF
90)	chrysene	1.1834	1.2048			1.8		-0.017	AvgRF
91)	bis(2-ethylhexyl)phthalate			40.000	44.84	12.1		-0.014	quadratic
92)	di-n-octyl phthalate			40.000	51.29	28.2 ↑ & ND		-0.024	quadratic
93) ISTD	perylene-d12						24.2	-0.026	AvgRF
94)	benzo(b)fluoranthene			40.000	40.54	1.3		-0.019	quadratic
95)	benzo(k)fluoranthene	1.2020	1.2479			3.8		-0.022	AvgRF
96)	benzo(a)pyrene			40.000	41.74	4.4		-0.024	quadratic
97)	indeno(1,2,3-cd)pyrene			40.000	45.04	12.6		-0.026	quadratic
98)	dibenzo(a,h)anthracene			40.000	42.86	7.2		-0.023	quadratic
99)	benzo(g,h,i)perylene			40.000	42.08	5.2		-0.026	quadratic

Operator: TK HPSV4 sn #: CV11451177

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/6/2022
Time Analyzed: 18:39
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2778

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	286238	3.18	1173157	3.84	606535	4.97	1043456	6.15	870508	8.78	862745	11.27
Upper Limit	572476	3.68	2346314	4.34	1213070	5.47	2086912	6.65	1741016	9.28	1725490	11.8
Lower Limit	143119	2.68	586578.5	3.34	303267.5	4.47	521728	5.65	435254	8.28	431372.5	10.8
Lab Sample ID												
EX220302-1MB	280153	3.13	1130969	3.78	580814	4.92	979999	6.11	814677	8.74	816410	11.22
EX220302-1LCS	283264	3.13	1139604	3.77	587079	4.91	1003252	6.10	854186	8.73	848915	11.21
2202436-1	305529	3.13	1223041	3.78	621263	4.91	1038026	6.10	851019	8.73	870852	11.22
2202436-1MS	298739	3.13	1208259	3.77	620072	4.90	1038722	6.10	869368	8.73	874869	11.21
2202436-1MSD	294648	3.13	1189888	3.77	606978	4.90	1026772	6.10	848811	8.73	856385	11.21
2202436-9	296745	3.13	1199990	3.77	616737	4.91	1016458	6.10	847835	8.73	873407	11.22
2202436-11	311872	3.13	1254680	3.77	638164	4.90	1055983	6.10	863562	8.73	902375	11.23
2202436-12	310041	3.13	1251639	3.77	626460	4.91	1037012	6.10	857231	8.73	910211	11.24
2202436-13	301973	3.13	1228992	3.77	619987	4.90	1028679	6.10	859270	8.73	892715	11.22
2202436-14	316857	3.15	1271356	3.80	643329	4.94	1071205	6.13	896045	8.76	995222	11.25
2202436-15	323379	3.13	1294916	3.77	661823	4.91	1077591	6.10	900850	8.74	937298	11.24
2202436-16	384046	3.15	1499142	3.80	729436	4.93	1160845	6.12	944984	8.75	956412	11.26
2202436-2	332243	3.14	1319063	3.77	662476	4.91	1080072	6.10	903061	8.74	913711	11.23
2202436-3	343599	3.13	1366072	3.78	681911	4.91	1106064	6.10	919397	8.74	908740	11.23
2202436-4	335015	3.14	1339398	3.78	670267	4.91	1093688	6.10	909061	8.74	858750	11.23
2202436-7	320610	3.13	1270193	3.77	636640	4.91	1036988	6.10	860589	8.74	788645	11.23
2202436-8	333565	3.13	1332527	3.78	666806	4.91	1076444	6.10	881846	8.74	804918	11.23

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.
Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/6/2022
Time Analyzed: 18:39
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2778

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	286238	3.18	1173157	3.84	606535	4.97	1043456	6.15	870508	8.78	862745	11.27
Upper Limit	572476	3.68	2346314	4.34	1213070	5.47	2086912	6.65	1741016	9.28	1725490	11.8
Lower Limit	143119	2.68	586578.5	3.34	303267.5	4.47	521728	5.65	435254	8.28	431372.5	10.8
Lab Sample ID												
EX220303-2MB	291047	3.13	1173147	3.77	608317	4.91	1038688	6.10	854003	8.73	853523	11.21
EX220303-2LCS	285960	3.13	1150327	3.77	589886	4.91	1005545	6.10	846748	8.73	840935	11.21

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/7/2022
Time Analyzed: 12:28
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2802

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	300466	3.13	1219823	3.77	638444	4.92	1095704	6.1	922804	8.74	951885	11.22
Upper Limit	600932	3.63	2439646	4.27	1276888	5.42	2191408	6.6	1845608	9.24	1903770	11.7
Lower Limit	150233	2.63	609911.5	3.27	319222	4.42	547852	5.6	461402	8.24	475942.5	10.7
Lab Sample ID												
2202436-10	300516	3.13	1222520	3.77	624684	4.91	1048586	6.10	898680	8.73	910198	11.22
2202436-10MS	295106	3.13	1197916	3.78	608419	4.92	1025195	6.11	862535	8.75	872087	11.23
2202436-10MSD	284273	3.14	1138423	3.78	576891	4.92	966094	6.11	801902	8.75	817507	11.23
2202436-5	309606	3.14	1241930	3.78	629098	4.92	1030004	6.11	845881	8.74	879367	11.23
2202436-6	297255	3.14	1199279	3.77	611696	4.91	995660	6.10	808380	8.73	836313	11.23
2202436-17	300958	3.16	1224084	3.82	607177	4.96	995035	6.14	829458	8.78	868625	11.33

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/8/2022
Time Analyzed: 15:57
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2821

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	250050	3.13	1023569	3.77	537311	4.91	936555	6.1	807498	8.73	823053	11.2
Upper Limit	500100	3.63	2047138	4.27	1074622	5.41	1873110	6.6	1614996	9.23	1646106	11.7
Lower Limit	125025	2.63	511784.5	3.27	268655.5	4.41	468277.5	5.6	403749	8.23	411526.5	10.7
Lab Sample ID												
2202436-18	259572	3.13	1056265	3.77	545246	4.92	934429	6.10	797917	8.73	792967	11.21
2202436-19	263487	3.13	1066522	3.77	545755	4.90	934409	6.10	784934	8.72	779622	11.20
2202436-20	275494	3.13	1114149	3.77	566443	4.90	951168	6.10	784887	8.72	775843	11.21
2202436-21	269525	3.13	1094667	3.77	552680	4.90	936825	6.10	769664	8.73	773768	11.20
2202436-23	275412	3.13	1102399	3.77	558499	4.90	938065	6.10	774625	8.73	778885	11.20
2202436-24	268342	3.13	1088867	3.77	549187	4.90	917311	6.10	764965	8.72	777302	11.20
2202436-25	266176	3.13	1080341	3.77	549713	4.90	926131	6.10	752027	8.73	763531	11.21
2202436-27	268769	3.13	1085972	3.77	557056	4.90	926907	6.10	757827	8.73	776378	11.21
2202436-28	270816	3.13	1089900	3.77	553990	4.90	930768	6.10	749332	8.73	768166	11.21
2202436-29	278128	3.13	1117351	3.77	568430	4.90	963403	6.10	770129	8.73	775675	11.21
2202436-31	269522	3.13	1088557	3.77	551544	4.90	927988	6.10	753373	8.73	756570	11.21
2202436-30	274401	3.13	1114236	3.77	567055	4.90	945908	6.10	757948	8.73	780568	11.22
2202436-26	265091	3.13	1078210	3.77	550199	4.90	918624	6.10	739734	8.73	760501	11.22
2202436-33	258970	3.13	1061837	3.77	531348	4.91	869935	6.10	702820	8.74	736067	11.25

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/12/2022
Time Analyzed: 1:49
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2882

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	289177	3.15	1133866	3.8	598542	4.95	1047871	6.12	934698	8.75	898919	11.23
Upper Limit	578354	3.65	2267732	4.3	1197084	5.45	2095742	6.62	1869396	9.25	1797838	11.7
Lower Limit	144588.5	2.65	566933	3.3	299271	4.45	523935.5	5.62	467349	8.25	449459.5	10.7
Lab Sample ID												
2202436-22	262163	3.12	1062140	3.76	551756	4.90	955027	6.09	803300	8.72	787329	11.19
2202436-32	269992	3.15	1082213	3.80	559631	4.93	927847	6.12	764872	8.74	775346	11.23

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

Supporting Raw Data

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\022722A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\022722\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 02/27/22 TK
IS Amount and ID NA
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2531	022722	5PPM CHECK		NO	
2	Sample	2	SV2532	DFTPP1	TUNE CHECK			ST210908-3 injection @ 08:12
3	Sample	3	SV2533	022722SP	2PPM SIM CHECK			
4	Sample	4	SV2534	022722SP	DCM			
5	Sample	5	SV2535	022722SP	0.05PPM_SIMPAH			ST210707-6
6	Sample	6	SV2536	022722SP	0.1PPM_SIMPAH			-7
7	Sample	7	SV2537	022722SP	0.5PPM_SIMPAH			-9
8	Sample	8	SV2538	022722SP	1PPM_SIMPAH			-9
9	Sample	9	SV2539	022722SP	2PPM_SIMPAH			-10
10	Sample	10	SV2540	022722SP	5PPM_SIMPAH			-11
11	Sample	11	SV2541	022722SP	10PPM_SIMPAH			-12
12	Sample	4	SV2542	022722SP	DCM			
13	Sample	12	SV2543	022722SP	5PPM_SIMPAH_ICV			ST210707-3
14	Sample	4	SV2544	022722	DCM			
15	Sample	13	SV2545	022722	1PPM_8270_ICAL			ST210427-10
16	Sample	14	SV2546	022722	5PPM_8270_ICAL			-11
17	Sample	15	SV2547	022722	10PPM_8270_ICAL			-12
18	Sample	16	SV2548	022722	20PPM_8270_ICAL			-13
19	Sample	17	SV2549	022722	40PPM_8270_ICAL			-14
20	Sample	18	SV2550	022722	80PPM_8270_ICAL			-16
21	Sample	19	SV2551	022722	100PPM_8270_ICA			-17
22	Sample	20	SV2552	022722	120PPM_8270_ICA			-18
23	Sample	21	SV2553	022722	40PPM_8270_ICV			-19 injection @ 14:45

Last Modified: Sun Feb 27 09:07:41 2022 Page: 0

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\030622A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\030622A\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/06/22 AM
IS Amount and ID 4µL ST220214-2
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2778	022722	SV220306-4CCV		NO	18:39
2	Sample	2	SV2779	022722	EX220302-1MB			
3	Sample	3	SV2780	022722	EX220302-1LCS			
4	Sample	4	SV2781	022722	EX220303-2MB			
5	Sample	5	SV2782	022722	EX220303-2LCS			
6	Sample	6	SV2783	030422SP	2202341-10			
7	Sample	7	SV2784	022722	2202436-1			
8	Sample	8	SV2785	022722	2202436-1MS			
9	Sample	9	SV2786	022722	2202436-1MSD			
10	Sample	10	SV2787	022722	2202436-9			
11	Sample	11	SV2788	022722	2202436-11			
12	Sample	12	SV2789	022722	2202436-12			
13	Sample	13	SV2790	022722	2202436-13			
14	Sample	14	SV2791	022722	2202436-14			syringe compromised not used
15	Sample	15	SV2792	022722	2202436-15			
16	Sample	14	SV2793	022722	2202436-14			
17	Sample	15	SV2794	022722	2202436-15			
18	Sample	16	SV2795	022722	2202436-16			
19	Sample	17	SV2796	022722	2202436-2			
20	Sample	18	SV2797	022722	2202436-3			
21	Sample	19	SV2798	022722	2202436-4			
22	Sample	20	SV2799	022722	2202436-7			
23	Sample	21	SV2800	022722	2202436-8			02:02

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\030722A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\030722\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/07/22 TK
IS Amount and ID _____
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2801	022722	SV220307-4CCV		NO	hexane rinse - bake column - not used
2	Sample	1	SV2802	022722	SV220307-4CCV			ST210427-14 12:28
3	Sample	2	SV2803	022722	BLANK			
4	Sample	3	SV2804	030422SP	SV220307-44CCV			ST210707-13 15:47
5	Sample	4	SV2805	030422SP	EX220217-1MB			
6	Sample	5	SV2806	030422SP	EX220217-1LCS			
7	Sample	6	SV2807	030422SP	EX220217-1LCSD			
8	Sample	7	SV2808	030422SP	2202289-28			16:59
9	Sample	8	SV2809	022722	EX220304-2MB			
10	Sample	9	SV2810	022722	EX220304-2LCS			
11	Sample	10	SV2811	022722	EX220304-2LCSD			
12	Sample	11	SV2812	022722	2203096-1 20X	20		
13	Sample	12	SV2813	022722	2202436-10	1		
14	Sample	13	SV2814	022722	2203096-1 5X	5		
15	Sample	14	SV2815	022722	2202436-10MS	1		
16	Sample	15	SV2816	022722	2202436-10MSD	1		
17	Sample	16	SV2817	022722	2202436-5 2X	2		
18	Sample	17	SV2818	022722	2202436-6 2X	2		
19	Sample	18	SV2819	022722	2202436-17	1		00:09

Last Modified: Tue Mar 08 12:36:08 2022 Page: 0

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\030822A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\030822A\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/08/22 TK
IS Amount and ID 4µL ST220214-2
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2820	022722	DCM	—	NO	
2	Sample	2	SV2821	022722	SV220308-4CCV			ST210427-14 15:57
3	Sample	3	SV2822	022722	EX220307-5MB			
4	Sample	4	SV2823	022722	2203120-1 20X	20		
5	Sample	5	SV2824	022722	EX220307-5LCS	—		
6	Sample	6	SV2825	022722	EX220307-5LCSD	—		
7	Sample	7	SV2826	022722	2203120-1 2X	2		17:57
8	Sample	8	SV2827	022722	2202436-18	—		
9	Sample	9	SV2828	022722	2202436-19			
10	Sample	10	SV2829	022722	2202436-20			
11	Sample	11	SV2830	022722	2202436-21			
12	Sample	12	SV2831	022722	2202436-23			
13	Sample	13	SV2832	022722	2202436-24			
14	Sample	14	SV2833	022722	2202436-25			
15	Sample	15	SV2834	022722	2202436-27			
16	Sample	16	SV2835	022722	2202436-28			
17	Sample	17	SV2836	022722	2202436-29			
18	Sample	18	SV2837	022722	2202436-31			
19	Sample	19	SV2838	022722	2202436-30			
20	Sample	20	SV2839	022722	2202436-26			
21	Sample	21	SV2840	022722	2202436-33 2X	2		21:52
22	Sample	22	SV2841	022722	2202436-22	—		no data required - syringe compromised
23	Sample	23	SV2842	022722	2202436-32 2X	2		

Last Modified: Tue Mar 08 19:14:30 2022 Page: 0

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\031222A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\031222A\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/12/22 TK
IS Amount and ID 4µL ST220214-2
Logbook Number: 2022

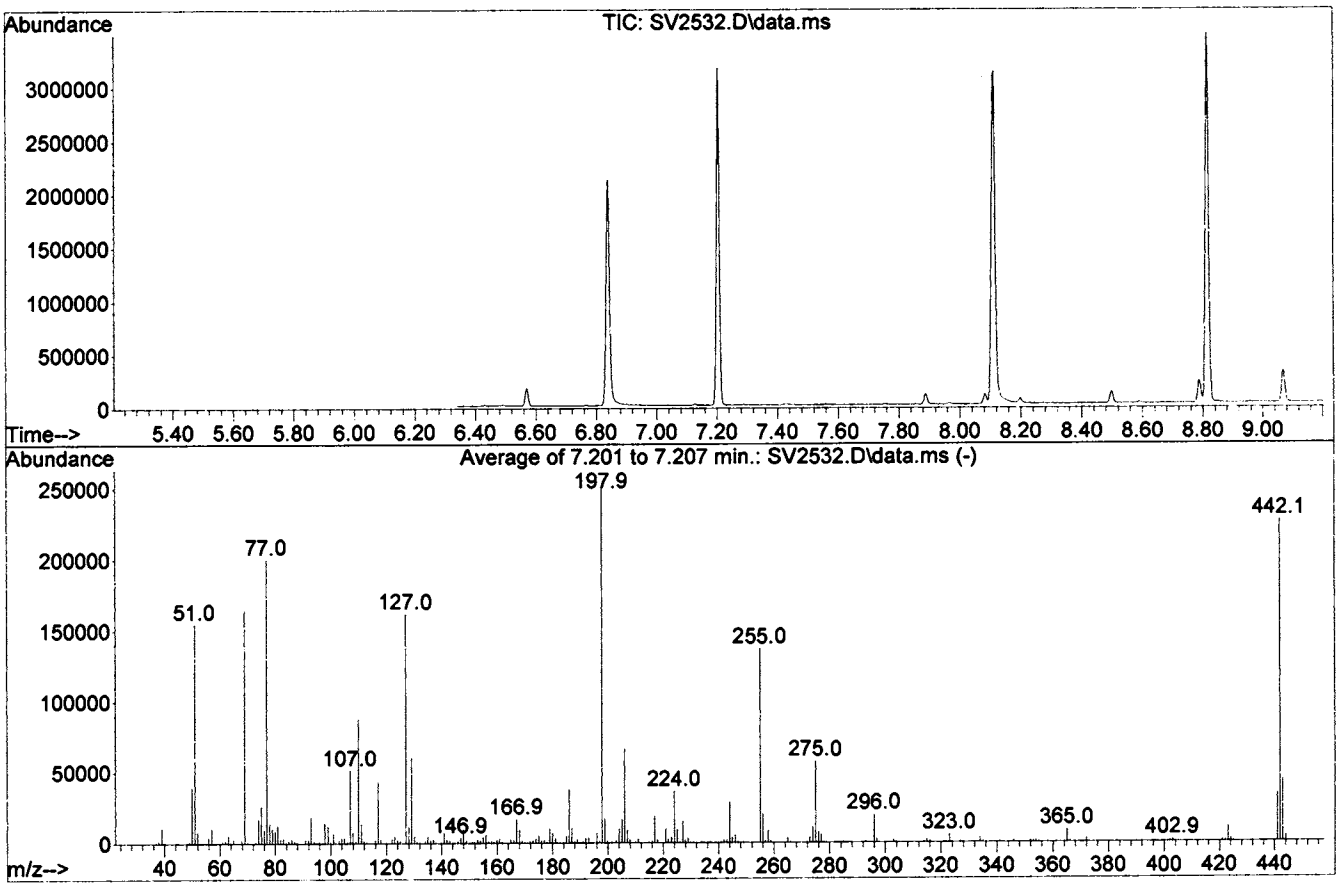
Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2881	022722	SV220312-4CCV		NO	
2	Sample	1	SV2882	022722	SV220312-4CCV			ST220311-3 01:49
3	Sample	2	SV2883	022722	2203131-36			
4	Sample	3	SV2884	022722	BLANK added			
5	Sample	4	SV2885	022722	2202436-~~23~~ 22			
6	Sample	5	SV2886	022722	2202436-32 2X	2		2X due to viscosity not needed/used
7	Sample	6	SV2887	022722	2202436-14			
8	Sample	7	SV2888	022722	2202436-15			
9	Sample	8	SV2889	022722	2202131-30			
10	Sample	9	SV2890	022722	2202131-21			
11	Sample	10	SV2891	022722	2202131-22			
12	Sample	11	SV2892	022722	2202131-23			
13	Sample	12	SV2893	022722	2202131-24			
14	Sample	13	SV2894	022722	2202131-25			
15	Sample	14	SV2895	022722	2202131-26			
16	Sample	15	SV2896	022722	2202131-27			
17	Sample	16	SV2897	022722	2202131-28			
18	Sample	17	SV2898	022722	2202131-29			
19	Sample	18	SV2899	022722	2202131-31			
20	Sample	19	SV2900	022722	2202131-32			
21	Sample	20	SV2901	022722	2202131-33			
22	Sample	21	SV2902	022722	2202131-34			
23	Sample	22	SV2903	022722	2202131-35			
24	Sample	23	SV2904	022722	EX220310-2MB			
25	Sample	24	SV2905	022722	EX220310-2LCS			
26	Sample	25	SV2906	022722	EX220310-2LCSD			
27	Sample	26	SV2907	022722	2203154-2			
28	Sample	27	SV2908	022722	EX220307-1MB			
29	Sample	28	SV2909	022722	EX220307-1LCS			
30	Sample	29	SV2910	022722	2202482-1MS			
31	Sample	30	SV2911	022722	2202482-1MSD			
32	Sample	31	SV2912	022722	2202484-1MS			
33	Sample	32	SV2913	022722	2202484-1MSD			
34	Sample	33	SV2914	022722	2202482-1			
35	Sample	34	SV2915	022722	2202484-1			11:55

Calibration Raw Data

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e

Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Title :
Last Update : Fri Jan 14 18:41:29 2022



AutoFind: Scans 278, 279, 280; Background Corrected with Scan 272

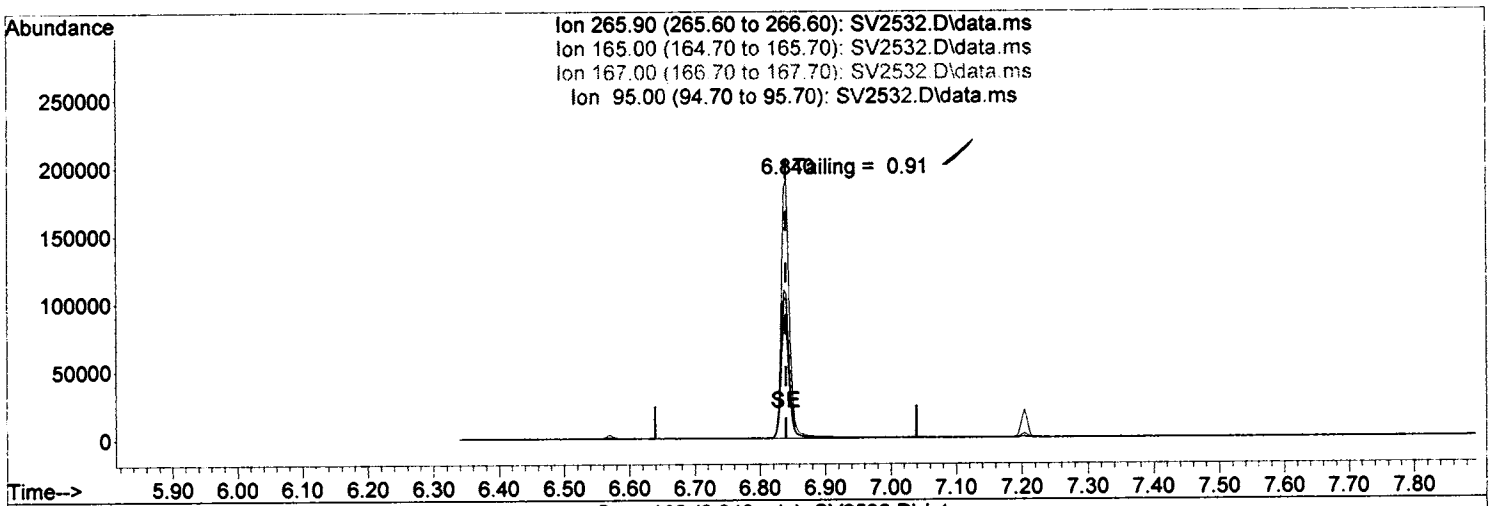
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	61.7	154863	PASS
68	69	0.00	2	1.6	2708	PASS
69	198	0.00	100	65.6	164780	PASS
70	69	0.00	2	0.5	833	PASS
127	198	10	80	64.5	161920	PASS
197	198	0.00	2	0.5	1318	PASS
198	198	100	100	100.0	251179	PASS
199	198	5	9	6.9	17450	PASS
275	198	10	60	22.9	57493	PASS
365	198	1	100	3.6	8980	PASS
441	443	0.01	100	78.4	34459	PASS
442	198	50	300	90.3	226880	PASS
443	442	15	24	19.4	43947	PASS

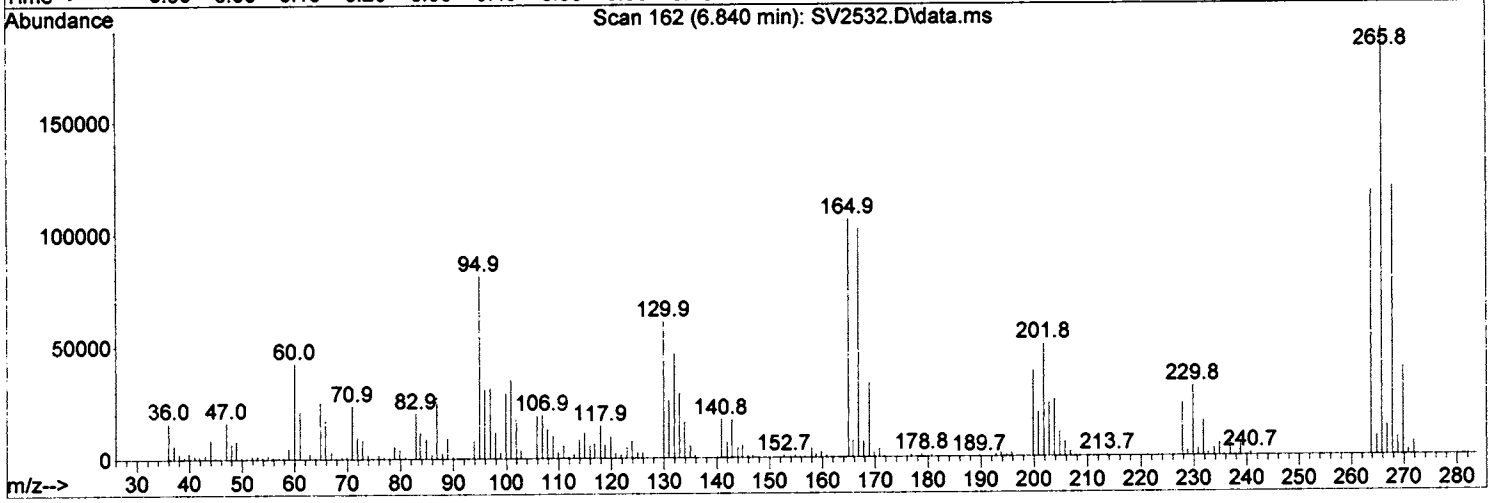
m 02/26/22

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:DFTPP1.M
Quant Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Quant Title :
QLast Update : Mon Feb 28 01:19:49 2022
Response via : Initial Calibration





TIC: SV2532.D\data.ms

(1) Pentachlorophenol (t)

6.840min (+ 0.000) 48.92 ng/ul

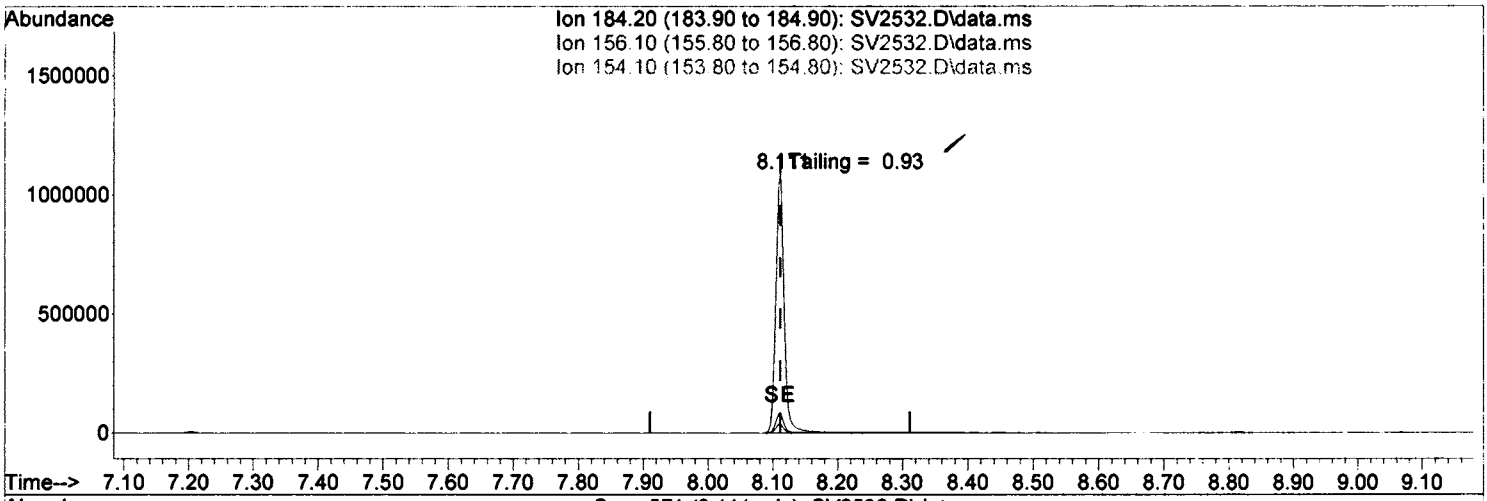
response 1627602

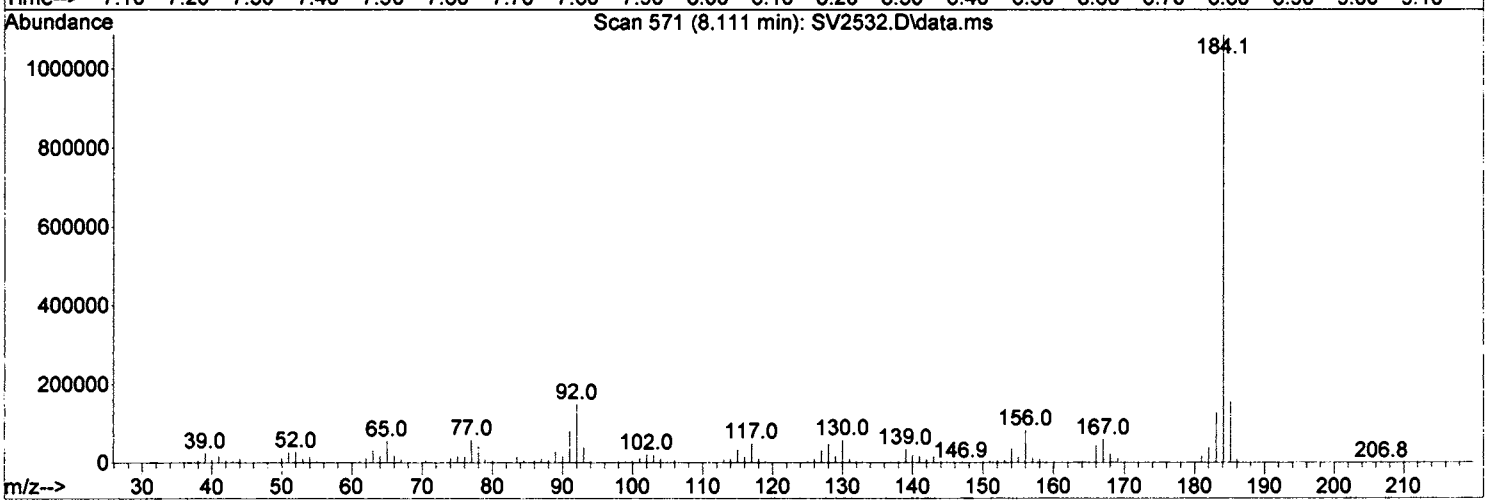
Ion	Exp%	Act%
265.90	100.00	100.00
165.00	0.00	56.36#
167.00	0.00	53.65#
95.00	0.00	44.98#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:DFTPP1.M
Quant Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Quant Title :
QLast Update : Mon Feb 28 01:19:49 2022
Response via : Initial Calibration





TIC: SV2532.D\data.ms

(3) Benzidine (t)

8.112min (+ 0.000) 48.87 ng/ul

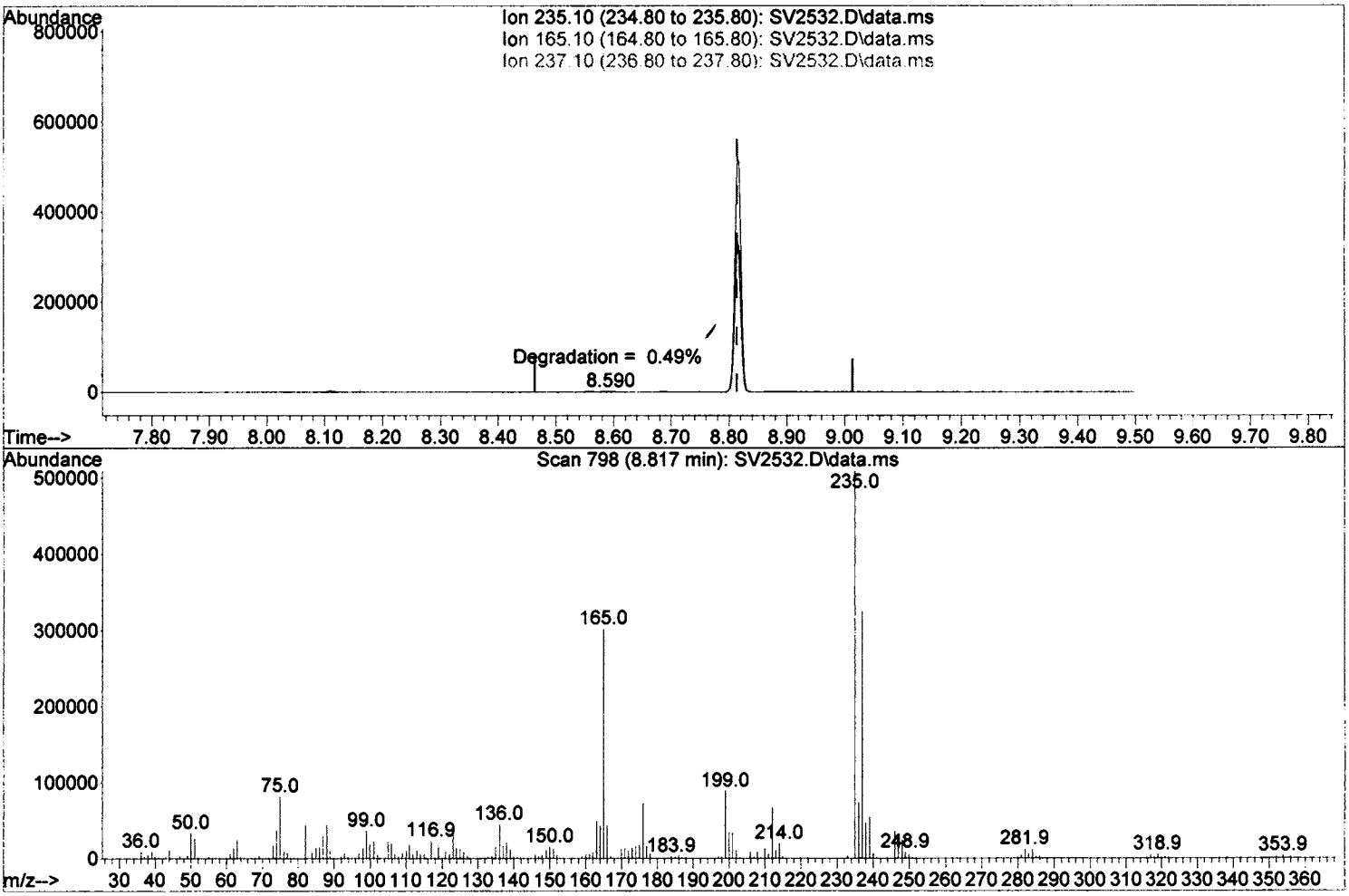
response 9516109

Ion	Exp%	Act%
184.20	100.00	100.00
156.10	0.00	7.51#
154.10	0.00	3.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:DFTPP1.M
Quant Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Quant Title :
QLast Update : Mon Feb 28 01:19:49 2022
Response via : Initial Calibration



TIC: SV2532.D\data.ms

(4) DDT (t)

8.817min (+ 0.003) 49.83 ng/ul

response 3881505

Ion	Exp%	Act%
235.10	100.00	100.00
165.10	0.00	62.30#
237.10	0.00	64.15#
0.00	0.00	0.00

Data File Name SV2535.D
Sample Name 0.05PPM_SIMPAH

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.0537	ng/uL
Naphthalene	0.0549	ng/uL
2-Methylnaphthalene	0.0544	ng/uL
1-Methylnaphthalene	0.0548	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.0551	ng/uL
Acenaphthylene	0.0549	ng/uL
Acenaphthene	0.0554	ng/uL
Fluorene	0.0546	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.0559	ng/uL
Anthracene	0.0539	ng/uL
Fluoranthene	0.0534	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.0581	ng/uL
p-Terphenyl-d14	0.0597	ng/uL
Benzo[a]anthracene	0.0592	ng/uL
Chrysene	0.0561	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.0578	ng/uL
Benzo[k]fluoranthene	0.0578	ng/uL
Benzo[a]pyrene	0.0517	ng/uL
Indeno(1,2,3-c,d)pyrene	0.0613	ng/uL
Dibenzo[a,h]anthracene	0.0625	ng/uL
Benzo[g,h,i]perylene	0.0578	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2535.D
Acq On : 27 Feb 2022 9:25 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.05PPM_SIMPAH
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.838	136	184889	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	96615	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	170150	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	112945	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	90952	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.454	82	2052	0.05	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 2.50%#			
7) 2-Fluorobiphenyl	4.471	172	3869	0.06	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 3.00%#			
17) p-Terphenyl-d14	7.538	244	3619	0.06	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 3.00%#			
Target Compounds						Qvalue
3) Naphthalene	3.850	128	5748	0.05	ng/uL	93
4) 2-Methylnaphthalene	4.248	142	3726	0.05	ng/uL	95
5) 1-Methylnaphthalene	4.315	142	3610	0.05	ng/uL	97
8) Acenaphthylene	4.865	152	5534	0.05	ng/uL	96
9) Acenaphthene	4.989	153	3651	0.06	ng/uL	97
10) Fluorene	5.383	166	3819	0.05	ng/uL	94
12) Phenanthrene	6.173	178	5923	0.06	ng/uL	97
13) Anthracene	6.212	178	5252	0.05	ng/uL	96
14) Fluoranthene	7.201	202	5416	0.05	ng/uL	98
16) Pyrene	7.419	202	5592	0.06	ng/uL	97
18) Benzo[a]anthracene	8.768	228	4334	0.06	ng/uL	97
19) Chrysene	8.817	228	4519	0.06	ng/uL	96
21) Benzo[b]fluoranthene	10.517	252	3292	0.06	ng/uL#	83
22) Benzo[k]fluoranthene	10.566	252	3366	0.06	ng/uL#	82
23) Benzo[a]pyrene	11.157	252	2826	0.05	ng/uL#	77
24) Indeno(1,2,3-c,d)pyrene	13.749	276	2028	0.06	ng/uL#	82
25) Dibenzo[a,h]anthracene	13.809	278	1985	0.06	ng/uL#	86
26) Benzo[g,h,i]perylene	14.320	276	2901	0.06	ng/uL#	85

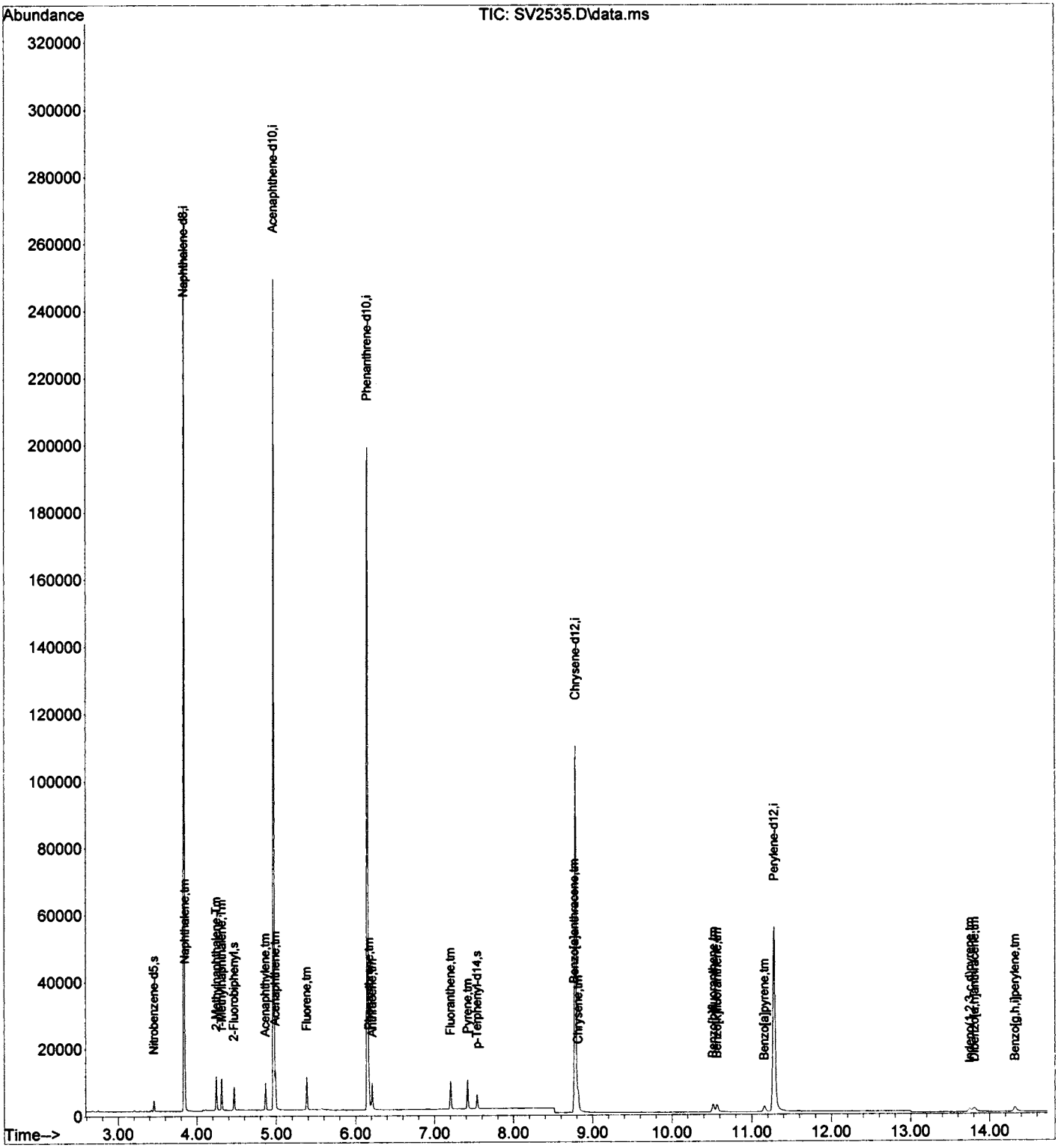
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2535.D
Acq On : 27 Feb 2022 9:25 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.05PPM_SIMPAH
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2536.D
Sample Name 0.1PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.0948	ng/uL
Naphthalene	0.1005	ng/uL
2-Methylnaphthalene	0.0972	ng/uL
1-Methylnaphthalene	0.0975	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.0986	ng/uL
Acenaphthylene	0.0969	ng/uL
Acenaphthene	0.1003	ng/uL
Fluorene	0.0988	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.1014	ng/uL
Anthracene	0.0960	ng/uL
Fluoranthene	0.0966	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.1040	ng/uL
p-Terphenyl-d14	0.1021	ng/uL
Benzo[a]anthracene	0.1008	ng/uL
Chrysene	0.1038	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.0971	ng/uL
Benzo[k]fluoranthene	0.0969	ng/uL
Benzo[a]pyrene	0.0941	ng/uL
Indeno(1,2,3-c,d)pyrene	0.0950	ng/uL
Dibenzo[a,h]anthracene	0.0924	ng/uL
Benzo[g,h,i]perylene	0.0980	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2536.D
Acq On : 27 Feb 2022 9:43 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.1PPM_SIMPAH
Misc :
ALS Vial : 6 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	186297	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	96791	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	171029	2.00	ng/uL	0.00
15) Chrysene-d12	8.779	240	112891	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	89461	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	3647	0.09	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery =	4.50%#		
7) 2-Fluorobiphenyl	4.471	172	6939	0.10	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery =	5.00%#		
17) p-Terphenyl-d14	7.538	244	6193	0.10	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery =	5.00%#		
Target Compounds						Qvalue
3) Naphthalene	3.847	128	10602	0.10	ng/uL	97
4) 2-Methylnaphthalene	4.242	142	6711	0.10	ng/uL	97
5) 1-Methylnaphthalene	4.310	142	6472	0.10	ng/uL	97
8) Acenaphthylene	4.865	152	9797	0.10	ng/uL	98
9) Acenaphthene	4.989	153	6626	0.10	ng/uL	99
10) Fluorene	5.383	166	6917	0.10	ng/uL	99
12) Phenanthrene	6.166	178	10799	0.10	ng/uL	99
13) Anthracene	6.212	178	9413	0.10	ng/uL	99
14) Fluoranthene	7.201	202	9845	0.10	ng/uL	99
16) Pyrene	7.419	202	10009	0.10	ng/uL	99
18) Benzo[a]anthracene	8.764	228	7383	0.10	ng/uL	99
19) Chrysene	8.817	228	8361	0.10	ng/uL	99
21) Benzo[b]fluoranthene	10.513	252	5648	0.10	ng/uL#	92
22) Benzo[k]fluoranthene	10.562	252	6233	0.10	ng/uL#	91
23) Benzo[a]pyrene	11.157	252	4925	0.09	ng/uL#	90
24) Indeno(1,2,3-c,d)pyrene	13.746	276	3229	0.10	ng/uL#	90
25) Dibenzo[a,h]anthracene	13.802	278	3401	0.09	ng/uL#	90
26) Benzo[g,h,i]perylene	14.318	276	5046	0.10	ng/uL	92

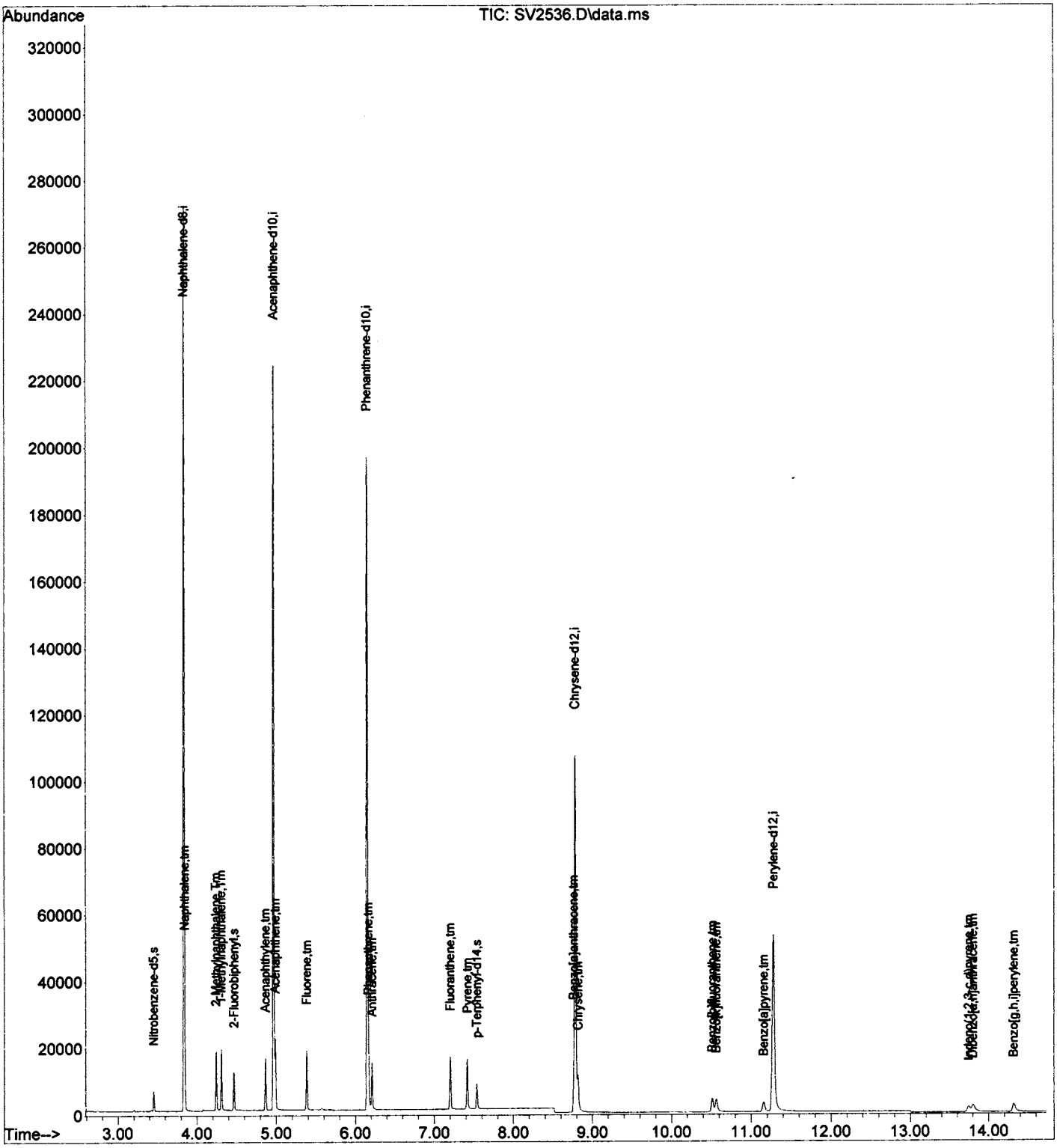
(#) = qualifier out of range (m) = manual integration (+) = signals summed

am 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2536.D
Acq On : 27 Feb 2022 9:43 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.1PPM_SIMPAH
Misc :
ALS Vial : 6 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2537.D
Sample Name 0.5PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.4853	ng/uL
Naphthalene	0.5007	ng/uL
2-Methylnaphthalene	0.4878	ng/uL
1-Methylnaphthalene	0.4938	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.4969	ng/uL
Acenaphthylene	0.4845	ng/uL
Acenaphthene	0.4893	ng/uL
Fluorene	0.4840	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.4874	ng/uL
Anthracene	0.4793	ng/uL
Fluoranthene	0.4716	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.4891	ng/uL
p-Terphenyl-d14	0.4825	ng/uL
Benzo[a]anthracene	0.4631	ng/uL
Chrysene	0.4937	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.4658	ng/uL
Benzo[k]fluoranthene	0.4522	ng/uL
Benzo[a]pyrene	0.4730	ng/uL
Indeno(1,2,3-c,d)pyrene	0.4490	ng/uL
Dibenzo[a,h]anthracene	0.4421	ng/uL
Benzo[g,h,i]perylene	0.4578	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2537.D
Acq On : 27 Feb 2022 10:01 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.5PPM_SIMPAH
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	189506	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.963	164	97690	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	172187	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	118014	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	90984	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	18994	0.49	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 24.50%			
7) 2-Fluorobiphenyl	4.465	172	35307	0.50	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 25.00%#			
17) p-Terphenyl-d14	7.538	244	30586	0.48	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 24.00%			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	53733	0.50	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	34268	0.49	ng/uL	100
5) 1-Methylnaphthalene	4.310	142	33342	0.49	ng/uL	100
8) Acenaphthylene	4.865	152	49418	0.48	ng/uL	100
9) Acenaphthene	4.989	153	32634	0.49	ng/uL	100
10) Fluorene	5.383	166	34205	0.48	ng/uL	100
12) Phenanthrene	6.166	178	52279	0.49	ng/uL	100
13) Anthracene	6.212	178	47292	0.48	ng/uL	100
14) Fluoranthene	7.201	202	48402	0.47	ng/uL	100
16) Pyrene	7.419	202	49192	0.49	ng/uL	100
18) Benzo[a]anthracene	8.768	228	35443	0.46	ng/uL	100
19) Chrysene	8.817	228	41566	0.49	ng/uL	100
21) Benzo[b]fluoranthene	10.513	252	28951	0.47	ng/uL	100
22) Benzo[k]fluoranthene	10.562	252	33513	0.45	ng/uL	100
23) Benzo[a]pyrene	11.160	252	24912	0.47	ng/uL	100
24) Indeno(1,2,3-c,d)pyrene	13.746	276	16710	0.45	ng/uL	100
25) Dibenzo[a,h]anthracene	13.804	278	20831	0.44	ng/uL	100
26) Benzo[g,h,i]perylene	14.323	276	25316	0.46	ng/uL	100

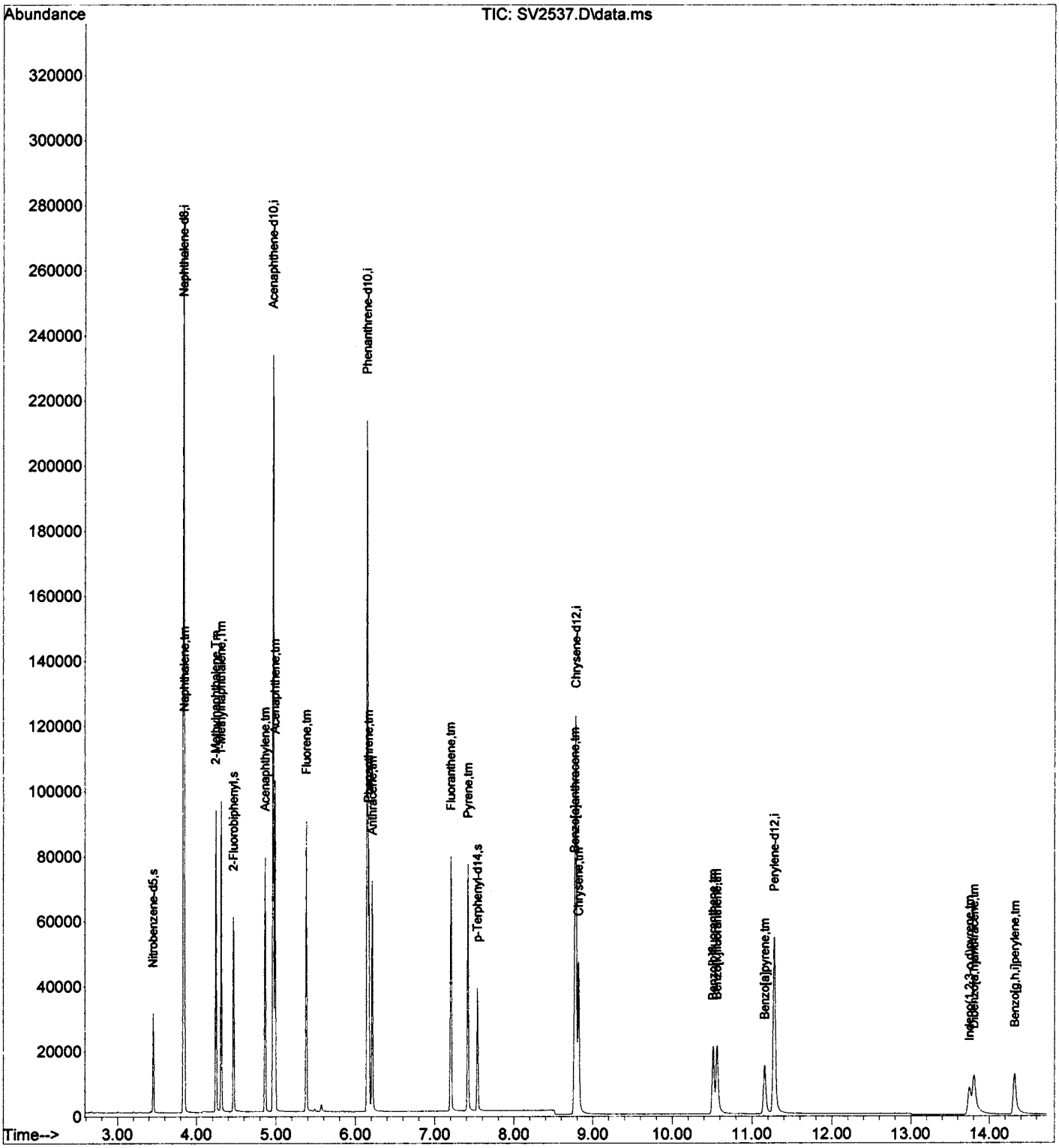
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2537.D
Acq On : 27 Feb 2022 10:01 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.5PPM_SIMPAH
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2538.D
Sample Name 1PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.9650	ng/uL
Naphthalene	0.9888	ng/uL
2-Methylnaphthalene	0.9726	ng/uL
1-Methylnaphthalene	0.9806	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.9866	ng/uL
Acenaphthylene	0.9605	ng/uL
Acenaphthene	0.9738	ng/uL
Fluorene	0.9574	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.9683	ng/uL
Anthracene	0.9575	ng/uL
Fluoranthene	0.9461	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.9569	ng/uL
p-Terphenyl-d14	0.9517	ng/uL
Benzo[a]anthracene	0.9151	ng/uL
Chrysene	0.9872	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.9308	ng/uL
Benzo[k]fluoranthene	0.9466	ng/uL
Benzo[a]pyrene	0.9731	ng/uL
Indeno(1,2,3-c,d)pyrene	0.9155	ng/uL
Dibenzo[a,h]anthracene	0.9178	ng/uL
Benzo[g,h,i]perylene	0.9318	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2538.D
Acq On : 27 Feb 2022 10:18 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_SIMPAH
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	194435	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	100606	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	175548	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	123395	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	93196	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	38752	0.97	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 48.50%			
7) 2-Fluorobiphenyl	4.465	172	72196	0.99	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 49.50%			
17) p-Terphenyl-d14	7.538	244	63079	0.95	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 47.50%			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	108872	0.99	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	70108	0.97	ng/uL	100
5) 1-Methylnaphthalene	4.310	142	67927	0.98	ng/uL	99
8) Acenaphthylene	4.865	152	100901	0.96	ng/uL	100
9) Acenaphthene	4.989	153	66885	0.97	ng/uL	98
10) Fluorene	5.383	166	69680	0.96	ng/uL	100
12) Phenanthrene	6.166	178	105879	0.97	ng/uL	99
13) Anthracene	6.212	178	96326	0.96	ng/uL	100
14) Fluoranthene	7.201	202	99009	0.95	ng/uL	99
16) Pyrene	7.419	202	100630	0.96	ng/uL	99
18) Benzo[a]anthracene	8.768	228	73239	0.92	ng/uL	100
19) Chrysene	8.817	228	86916	0.99	ng/uL	100
21) Benzo[b]fluoranthene	10.517	252	60176	0.93	ng/uL	99
22) Benzo[k]fluoranthene	10.566	252	73470	0.95	ng/uL	98
23) Benzo[a]pyrene	11.161	252	53502	0.97	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.751	276	35984	0.92	ng/uL	98
25) Dibenzo[a,h]anthracene	13.809	278	46120	0.92	ng/uL	99
26) Benzo[g,h,i]perylene	14.325	276	53714	0.93	ng/uL	98

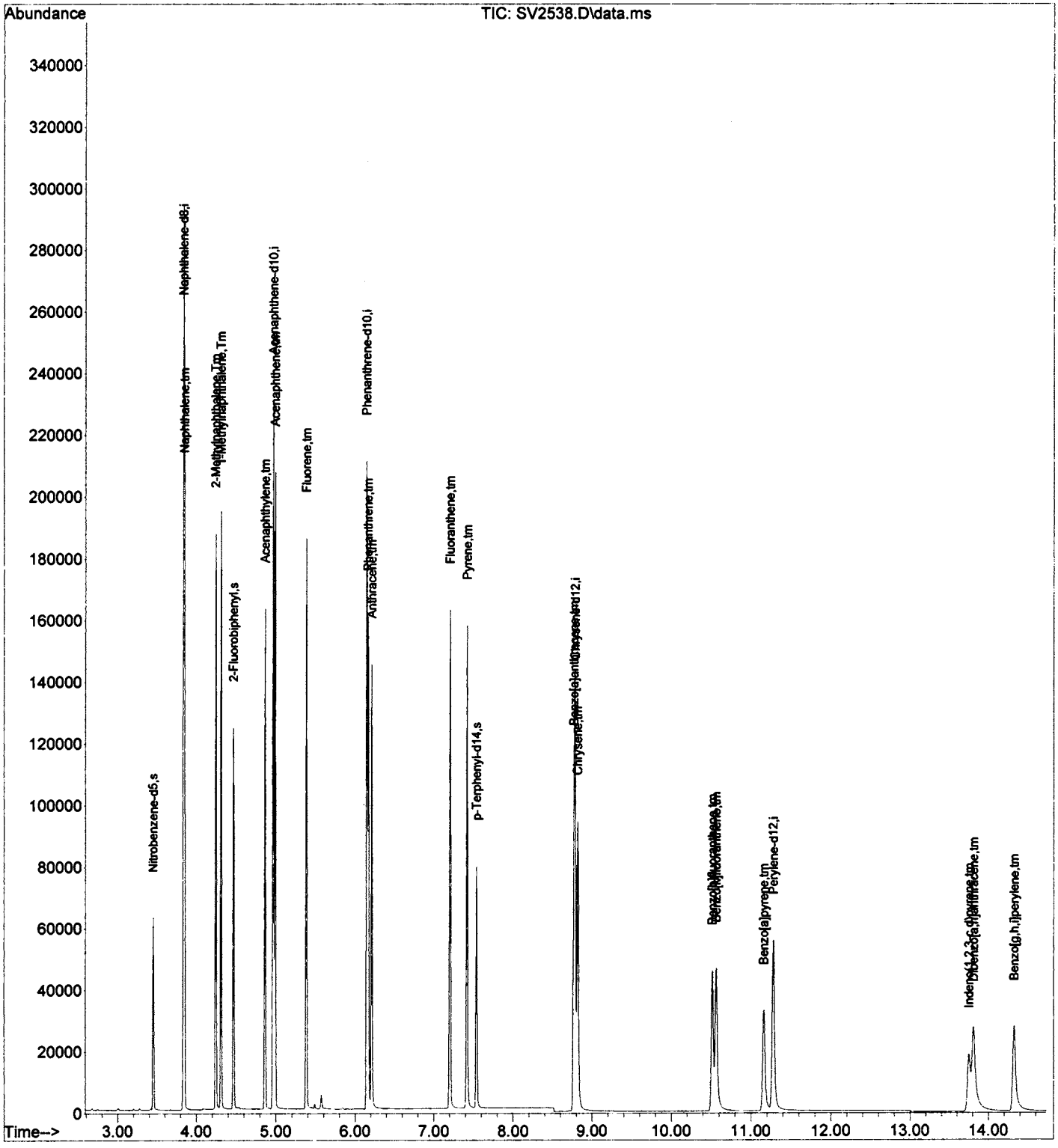
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2538.D
Acq On : 27 Feb 2022 10:18 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_SIMPAH
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2539.D
Sample Name 2PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	1.9477	ng/uL
Naphthalene	1.9455	ng/uL
2-Methylnaphthalene	1.9433	ng/uL
1-Methylnaphthalene	1.9486	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	1.9530	ng/uL
Acenaphthylene	1.9397	ng/uL
Acenaphthene	1.9365	ng/uL
Fluorene	1.9441	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	1.9130	ng/uL
Anthracene	1.9510	ng/uL
Fluoranthene	1.9506	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	1.8832	ng/uL
p-Terphenyl-d14	1.9002	ng/uL
Benzo[a]anthracene	1.8814	ng/uL
Chrysene	1.8896	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	1.9497	ng/uL
Benzo[k]fluoranthene	1.9905	ng/uL
Benzo[a]pyrene	2.1121	ng/uL
Indeno(1,2,3-c,d)pyrene	1.9420	ng/uL
Dibenzo[a,h]anthracene	1.9661	ng/uL
Benzo[g,h,i]perylene	1.9647	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2539.D
Acq On : 27 Feb 2022 10:36 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2PPM_SIMPAH
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

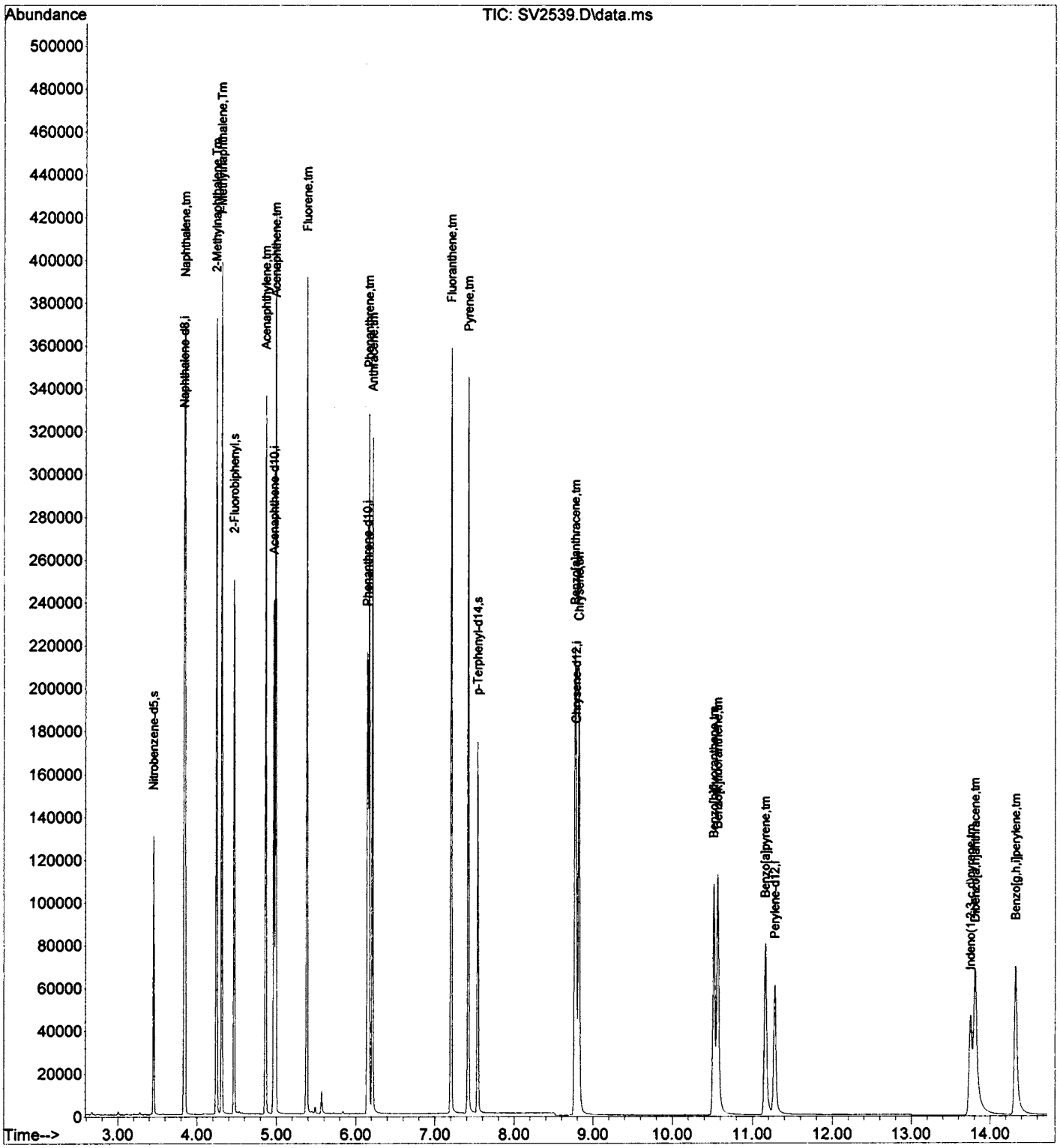
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	199666	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	103292	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	184060	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	135642	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	100582	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	80320	1.95	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 97.50%			
7) 2-Fluorobiphenyl	4.465	172	146733	1.95	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 97.50%			
17) p-Terphenyl-d14	7.538	244	138447	1.90	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 95.00%			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	219982	1.95	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	143841	1.94	ng/uL	100
5) 1-Methylnaphthalene	4.310	142	138617	1.95	ng/uL	100
8) Acenaphthylene	4.865	152	209205	1.94	ng/uL	100
9) Acenaphthene	4.989	153	136556	1.94	ng/uL	99
10) Fluorene	5.383	166	145274	1.94	ng/uL	99
12) Phenanthrene	6.166	178	219332	1.91	ng/uL	99
13) Anthracene	6.212	178	205788	1.95	ng/uL	100
14) Fluoranthene	7.201	202	214021	1.95	ng/uL	100
16) Pyrene	7.419	202	217702	1.88	ng/uL	100
18) Benzo[a]anthracene	8.768	228	165518	1.88	ng/uL	100
19) Chrysene	8.817	228	182876	1.89	ng/uL	100
21) Benzo[b]fluoranthene	10.517	252	139380	1.95	ng/uL	98
22) Benzo[k]fluoranthene	10.566	252	170176	1.99	ng/uL	98
23) Benzo[a]pyrene	11.160	252	131466	2.11	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.753	276	86862	1.94	ng/uL	97
25) Dibenzo[a,h]anthracene	13.809	278	111236	1.97	ng/uL	98
26) Benzo[g,h,i]perylene	14.325	276	125639	1.96	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2539.D
Acq On : 27 Feb 2022 10:36 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2PPM_SIMPAH
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2540.D
Sample Name 5PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	5.1343	ng/uL
Naphthalene	4.9050	ng/uL
2-Methylnaphthalene	5.0474	ng/uL
1-Methylnaphthalene	4.9797	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	4.9469	ng/uL
Acenaphthylene	5.0739	ng/uL
Acenaphthene	4.9570	ng/uL
Fluorene	5.0739	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	4.9221	ng/uL
Anthracene	5.1643	ng/uL
Fluoranthene	5.2114	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	4.8378	ng/uL
p-Terphenyl-d14	4.7826	ng/uL
Benzo[a]anthracene	5.0288	ng/uL
Chrysene	4.8348	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	5.2241	ng/uL
Benzo[k]fluoranthene	5.1764	ng/uL
Benzo[a]pyrene	5.3471	ng/uL
Indeno(1,2,3-c,d)pyrene	5.2408	ng/uL
Dibenzo[a,h]anthracene	5.2423	ng/uL
Benzo[g,h,i]perylene	5.2090	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2540.D
Acq On : 27 Feb 2022 10:54 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	197851	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.963	164	103507	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	182680	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	139157	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	101838	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	209802	5.13	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 256.50%#			
7) 2-Fluorobiphenyl	4.471	172	372437	4.95	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 247.50%#			
17) p-Terphenyl-d14	7.538	244	357476	4.78	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 239.00%#			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	549569	4.91	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	370209	5.05	ng/uL	99
5) 1-Methylnaphthalene	4.310	142	351021	4.98	ng/uL	100
8) Acenaphthylene	4.865	152	548382	5.07	ng/uL	100
9) Acenaphthene	4.989	153	350285	4.96	ng/uL	99
10) Fluorene	5.383	166	379947	5.07	ng/uL	100
12) Phenanthrene	6.166	178	560091	4.92	ng/uL	100
13) Anthracene	6.212	178	540637	5.16	ng/uL	100
14) Fluoranthene	7.201	202	567497	5.21	ng/uL	99
16) Pyrene	7.419	202	573746	4.84	ng/uL	99
18) Benzo[a]anthracene	8.768	228	453870	5.03	ng/uL	100
19) Chrysene	8.817	228	480023	4.83	ng/uL	100
21) Benzo[b]fluoranthene	10.520	252	404654	5.22	ng/uL	98
22) Benzo[k]fluoranthene	10.566	252	467406	5.18	ng/uL	98
23) Benzo[a]pyrene	11.161	252	382991	5.35	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.756	276	274519	5.24	ng/uL	96
25) Dibenzo[a,h]anthracene	13.814	278	329778	5.24	ng/uL	97
26) Benzo[g,h,i]perylene	14.328	276	363340	5.21	ng/uL	98

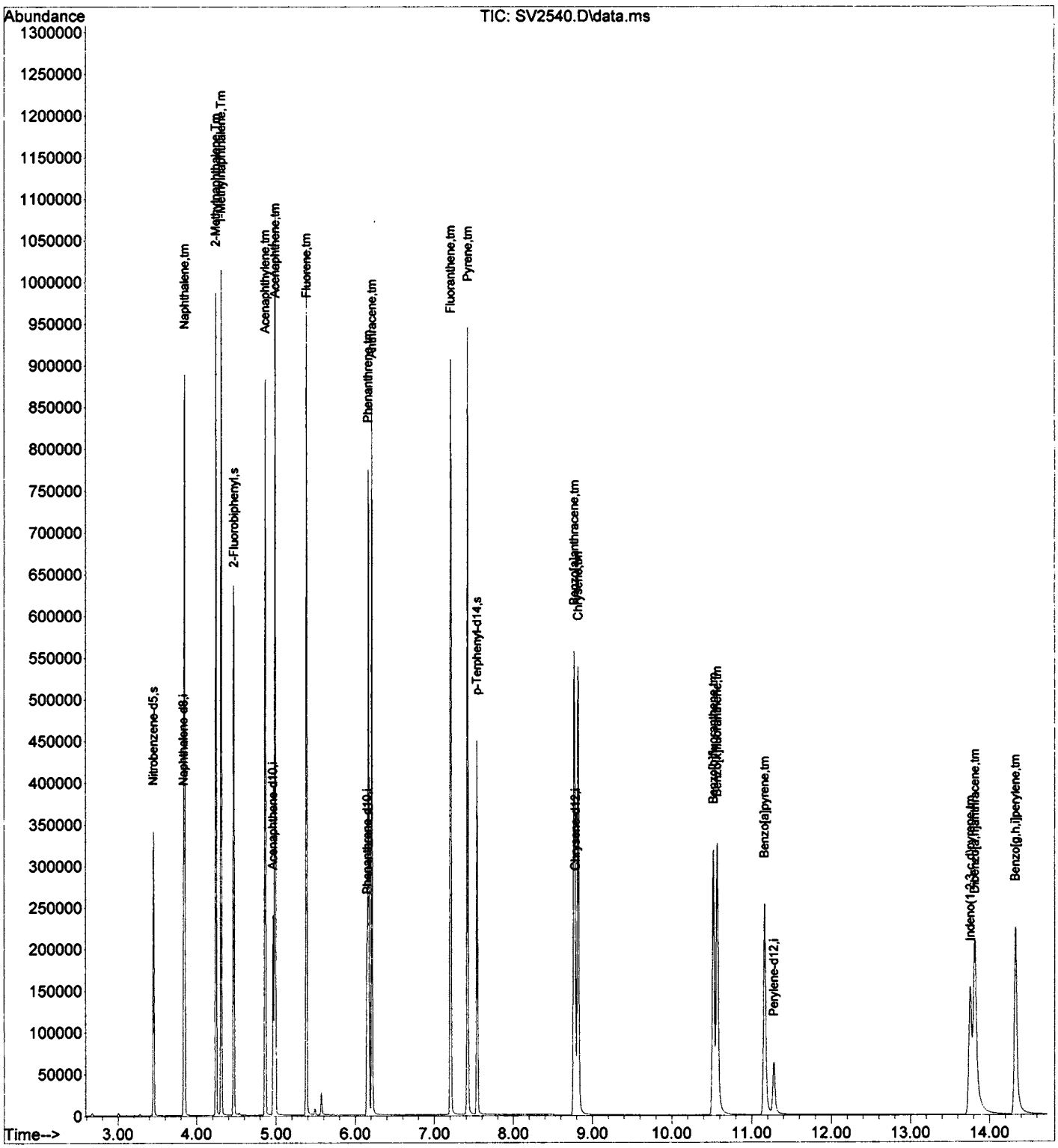
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2540.D
Acq On : 27 Feb 2022 10:54 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2541.D
Sample Name 10PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	10.4106	ng/uL
Naphthalene	9.5311	ng/uL
2-Methylnaphthalene	10.1174	ng/uL
1-Methylnaphthalene	9.9038	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	9.6694	ng/uL
Acenaphthylene	10.1951	ng/uL
Acenaphthene	9.7813	ng/uL
Fluorene	10.0732	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	9.8485	ng/uL
Anthracene	10.3821	ng/uL
Fluoranthene	10.5978	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	9.5352	ng/uL
p-Terphenyl-d14	9.6220	ng/uL
Benzo[a]anthracene	10.2060	ng/uL
Chrysene	9.5409	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	9.9183	ng/uL
Benzo[k]fluoranthene	9.9253	ng/uL
Benzo[a]pyrene	9.6945	ng/uL
Indeno(1,2,3-c,d)pyrene	9.9220	ng/uL
Dibenzo[a,h]anthracene	9.9095	ng/uL
Benzo[g,h,i]perylene	9.9236	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2541.D
Acq On : 27 Feb 2022 11:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_SIMPAH
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.837	136	195936	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	103165	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	178238	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	139722	2.00	ng/uL	0.00
20) Perylene-d12	11.282	264	102040	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	421285	10.41	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 520.50%#			
7) 2-Fluorobiphenyl	4.471	172	725581	9.67	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 483.50%#			
17) p-Terphenyl-d14	7.538	244	722119	9.62	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 481.00%#			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	1057549	9.53	ng/uL	100
4) 2-Methylnaphthalene	4.248	142	734895	10.12	ng/uL	93
5) 1-Methylnaphthalene	4.310	142	691365	9.90	ng/uL	100
8) Acenaphthylene	4.865	152	1098246	10.20	ng/uL	100
9) Acenaphthene	4.989	153	688907	9.78	ng/uL	99
10) Fluorene	5.383	166	751813	10.07	ng/uL	99
12) Phenanthrene	6.173	178	1093416	9.85	ng/uL	98
13) Anthracene	6.212	178	1060446	10.38	ng/uL	100
14) Fluoranthene	7.201	202	1125989	10.60	ng/uL	100
16) Pyrene	7.419	202	1135430	9.54	ng/uL	99
18) Benzo[a]anthracene	8.768	228	924871	10.21	ng/uL	100
19) Chrysene	8.821	228	951120	9.54	ng/uL	99
21) Benzo[b]fluoranthene	10.517	252	840886	9.92	ng/uL	99
22) Benzo[k]fluoranthene	10.570	252	949150	9.93	ng/uL	98
23) Benzo[a]pyrene	11.164	252	808627	9.69	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.758	276	619846	9.92	ng/uL	97
25) Dibenzo[a,h]anthracene	13.816	278	699798	9.91	ng/uL	95
26) Benzo[g,h,i]perylene	14.328	276	764654	9.92	ng/uL	98

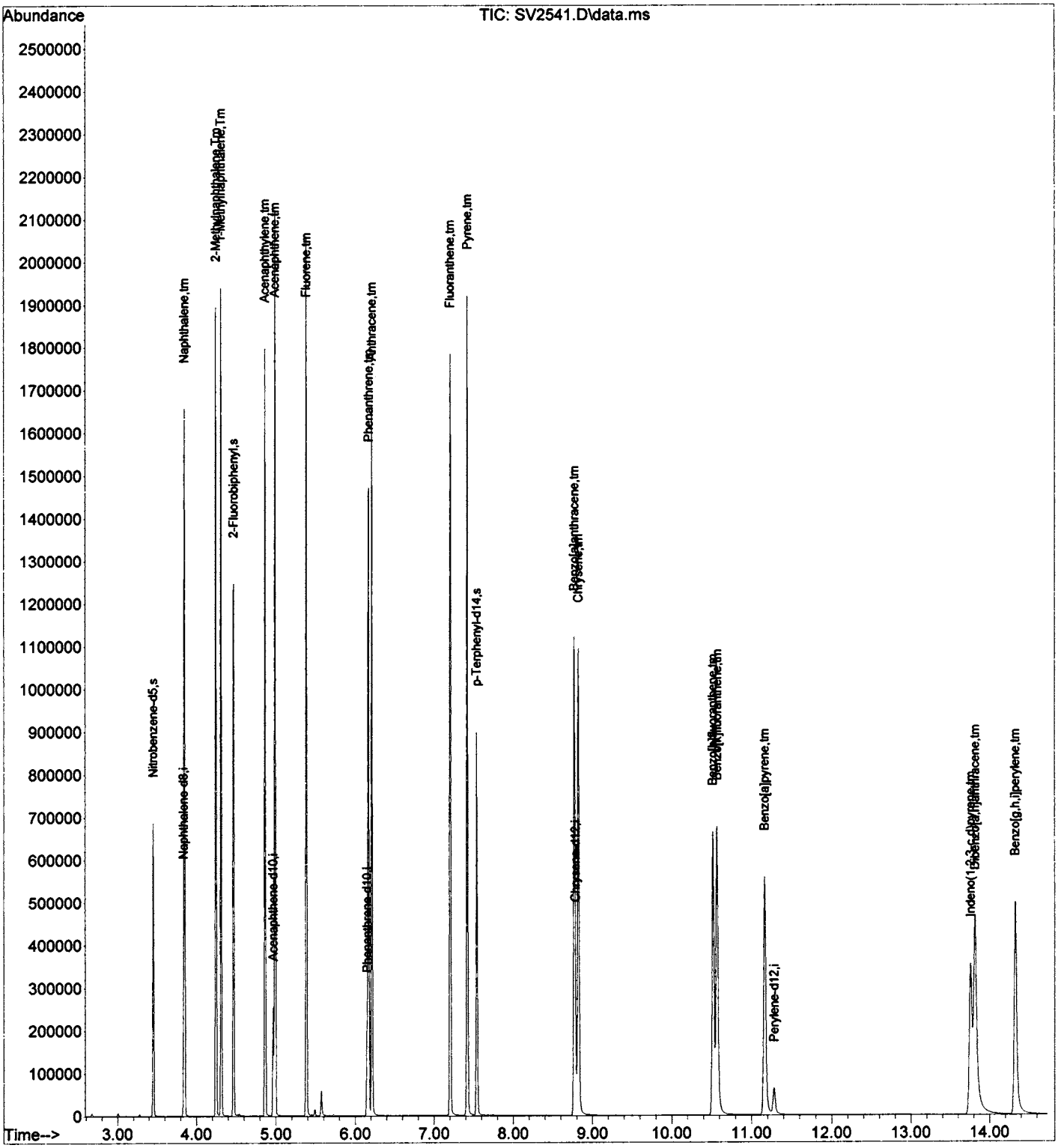
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2541.D
Acq On : 27 Feb 2022 11:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_SIMPAH
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2543.D
Acq On : 27 Feb 2022 11:47 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH_ICV
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.838	136	201594	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	103948	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	183532	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	141395	2.00	ng/uL	0.00
20) Perylene-d12	11.283	264	100714	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	211684	5.08	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 254.00%#			
7) 2-Fluorobiphenyl	4.471	172	376821	4.98	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 249.00%#			
17) p-Terphenyl-d14	7.538	244	365551	4.81	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 240.50%#			
Target Compounds						Qvalue
3) Naphthalene	3.850	128	558552	4.89	ng/uL	99
4) 2-Methylnaphthalene	4.248	142	373807	5.00	ng/uL	93
5) 1-Methylnaphthalene	4.310	142	355128	4.94	ng/uL	99
8) Acenaphthylene	4.865	152	552113	5.09	ng/uL	100
9) Acenaphthene	4.989	153	353473	4.98	ng/uL	98
10) Fluorene	5.383	166	383235	5.10	ng/uL	100
12) Phenanthrene	6.173	178	565235	4.94	ng/uL	98
13) Anthracene	6.212	178	541634	5.15	ng/uL	99
14) Fluoranthene	7.208	202	567958	5.19	ng/uL	99
16) Pyrene	7.419	202	576908	4.79	ng/uL	99
18) Benzo[a]anthracene	8.768	228	444284	4.84	ng/uL	100
19) Chrysene	8.821	228	486060	4.82	ng/uL	100
21) Benzo[b]fluoranthene	10.520	252	400426	5.23	ng/uL	98
22) Benzo[k]fluoranthene	10.570	252	463265	5.19	ng/uL	98
23) Benzo[a]pyrene	11.164	252	375032	5.30	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.761	276	260008	5.06	ng/uL	96
25) Dibenzo[a,h]anthracene	13.816	278	320873	5.17	ng/uL	98
26) Benzo[g,h,i]perylene	14.330	276	355370	5.16	ng/uL	97

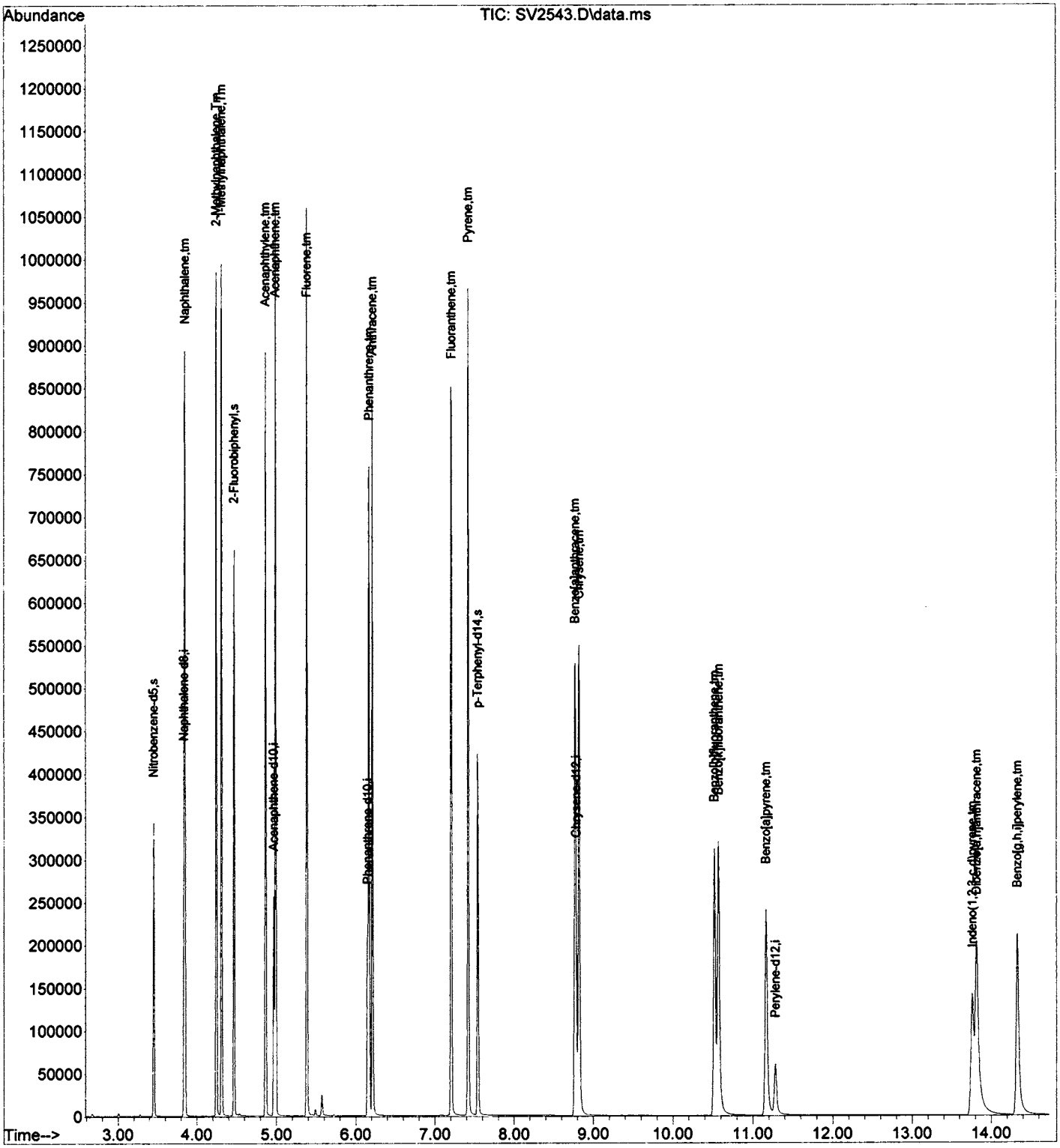
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2543.D
Acq On : 27 Feb 2022 11:47 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH_ICV
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	424222	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1689815	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	923172	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1611979	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	1313034	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	1139600	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.581	112	13306	0.89	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	1.19%#		
6) Phenol-d5	2.928	99	17635	0.88	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	1.17%#		
10) 2-Chlorophenol-d4	3.028	132	12327	0.88	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	1.17%#		
14) 1,2-Dichlorobenzene-d4	3.205	150	17496	1.01	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	1.35%#		
23) Nitrobenzene-d5	3.381	82	17426	0.88	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	1.76%#		
42) 2-Fluorobiphenyl	4.404	172	28664	0.94	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	1.88%#		
68) 2,4,6-Tribromophenol	5.516	330	1977	0.53	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	0.71%#		
85) p-Terphenyl-d14	7.493	244	27832	0.85	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	1.70%#		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	5620	1.07	ng/uL#	94
3) n-Nitrosodimethylamine	2.169	74	11463	0.96	ng/uL#	80
4) Pyridine	2.199	79	19039	0.95	ng/uL	98
7) Phenol	2.934	94	19407	0.88	ng/uL	96
8) Aniline	2.981	93	42646	0.94	ng/uL	99
9) Bis(2-chloroethyl)ether	2.981	63	14551	0.99	ng/uL	91
11) 2-Chlorophenol	3.034	128	12696	0.86	ng/uL	95
12) 1,3-Dichlorobenzene	3.105	146	16259	0.99	ng/uL	98
13) 1,4-Dichlorobenzene	3.134	146	16358	0.99	ng/uL#	1
15) Benzyl alcohol	3.169	79	11582	0.81	ng/uL	96
16) 1,2-Dichlorobenzene	3.210	146	15508	0.99	ng/uL	98
17) 2-Methylphenol	3.210	108	13325	0.87	ng/uL	94
18) Bis(2-chloroisopropyl)...	3.222	45	21866	1.03	ng/uL	94
19) 3+4-Methylphenol	3.275	107	13702	0.82	ng/uL	98
20) n-Nitroso-di-n-propyla...	3.287	70	11763	0.92	ng/uL	95
21) Hexachloroethane	3.375	117	6152	0.93	ng/uL	98
22) Nitrobenzene	3.393	123	6504	0.84	ng/uL	89
25) Isophorone	3.499	82	32320	0.90	ng/uL	98
26) 2,4-Dimethylphenol	3.540	107	9536	1.40	ng/uL	92
27) 2-Nitrophenol	3.552	139	3482	1.19	ng/uL	86
28) Benzoic acid	3.552	105	1873	1.40	ng/uL#	1
29) Bis(2-chloroethoxy)met...	3.587	93	19902	0.92	ng/uL	98
30) 2,4-dichlorophenol	3.675	162	8316	0.76	ng/uL	97
31) 1,2,4-Trichlorobenzene	3.728	180	12445	0.98	ng/uL	99
32) Naphthalene	3.781	128	47129	1.01	ng/uL	90
33) 4-Chloroaniline	3.787	65	9683	1.34	ng/uL#	43
34) Hexachlorobutadiene	3.840	225	6454	0.95	ng/uL	99

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	9929	0.75	ng/uL	96
36) 2-Methylnaphthalene	4.181	142	27801	0.95	ng/uL	98
37) 1-Methylnaphthalene	4.246	142	25226	0.93	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	3739	1.21	ng/uL	100
40) 2,4,6-Trichlorophenol	4.352	196	4780	1.16	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	5693	1.06	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	24437	0.92	ng/uL	97
44) 2-Nitroaniline	4.557	138	4149	1.21	ng/uL	92
45) 1,4-Dinitrobenzene	4.634	168	1425	1.31	ng/uL#	77
46) Dimethylphthalate	4.657	163	26504	0.89	ng/uL	98
47) 1,3-Dinitrobenzene	4.693	168	1918	2.22	ng/uL#	74
48) 2,6-Dinitrotoluene	4.710	165	3834	1.68	ng/uL	91
49) 1,2-Dinitrobenzene	4.763	168	1507	2.05	ng/uL#	63
50) Acenaphthylene	4.804	152	39139	0.88	ng/uL	99
51) 3-Nitroaniline	4.846	92	6099	1.12	ng/uL	96
52) 2,4-Dinitrophenol	4.916	184	369	3.23	ng/uL#	1
53) Acenaphthene	4.928	153	26700	0.93	ng/uL	95
54) 4-Nitrophenol	4.940	65	3164	0.54	ng/uL	88
55) 2,4-Dinitrotoluene	5.016	165	3612	1.21	ng/uL	83
56) Dibenzofuran	5.051	168	35531	0.94	ng/uL	97
57) 2,3,5,6-Tetrachlorophenol	5.110	232	2655	1.20	ng/uL	98
58) 2,3,4,6-Tetrachlorophenol	5.140	232	3598	1.10	ng/uL	98
59) Diethylphthalate	5.187	149	24995	0.83	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.299	204	12037	0.88	ng/uL	96
61) 4-Nitroaniline	5.310	138	4150	1.18	ng/uL#	77
62) Fluorene	5.322	166	27284	0.90	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	536	3.92	ng/uL#	1
64) n-Nitrosodiphenylamine	5.387	169	21517	0.84	ng/uL	100
65) Azobenzene	5.428	77	35408	0.89	ng/uL	98
66) 4-Bromophenyl phenyl e...	5.699	248	6737	0.87	ng/uL	100
69) Hexachlorobenzene	5.781	284	8493	0.94	ng/uL	97
70) Pentachlorophenol	5.934	266	1076	2.92	ng/uL#	91
71) Phenanthrene	6.116	178	42178	0.96	ng/uL	98
72) Anthracene	6.157	178	38220	0.87	ng/uL	99
73) Carbazole	6.281	167	32691	0.81	ng/uL	97
74) Di-n-butylphthalate	6.551	149	29164	0.60	ng/uL	97
75) Fluoranthene	7.151	202	36945	0.84	ng/uL	98
77) Benzidine	7.245	184	7689	2.61	ng/uL	94
78) Pyrene	7.369	202	37872	0.87	ng/uL	99
79) Butylbenzylphthalate	7.981	149	4866	3.48	ng/uL	86
80) Bis(2-ethylhexyl) adipate	8.051	129	3636	3.39	ng/uL	98
81) Bis(2-ethylhexyl)phtha...	8.692	149	7378	3.13	ng/uL#	72
82) 3,3'-Dichlorobenzidine	8.651	252	5886	2.30	ng/uL	96
83) Benzo[a]anthracene	8.710	228	39331	0.93	ng/uL	97
84) Chrysene	8.757	228	34362	0.88	ng/uL	98
86) Di-n-octylphthalate	9.698	149	6782	5.56	ng/uL#	87
88) Benzo[b]fluoranthene	10.439	252	22790	1.18	ng/uL	99
89) Benzo[k]fluoranthene	10.486	252	27244	0.80	ng/uL	98
90) Benzo[a]pyrene	11.081	252	18277	1.19	ng/uL	97
91) Dibenzo[a,h]anthracene	13.704	278	16617	1.16	ng/uL	96
92) Indeno(1,2,3-cd)pyrene	13.651	276	12270	1.28	ng/uL#	96
93) Benzo[g,h,i]perylene	14.245	276	18604	1.14	ng/uL	95

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

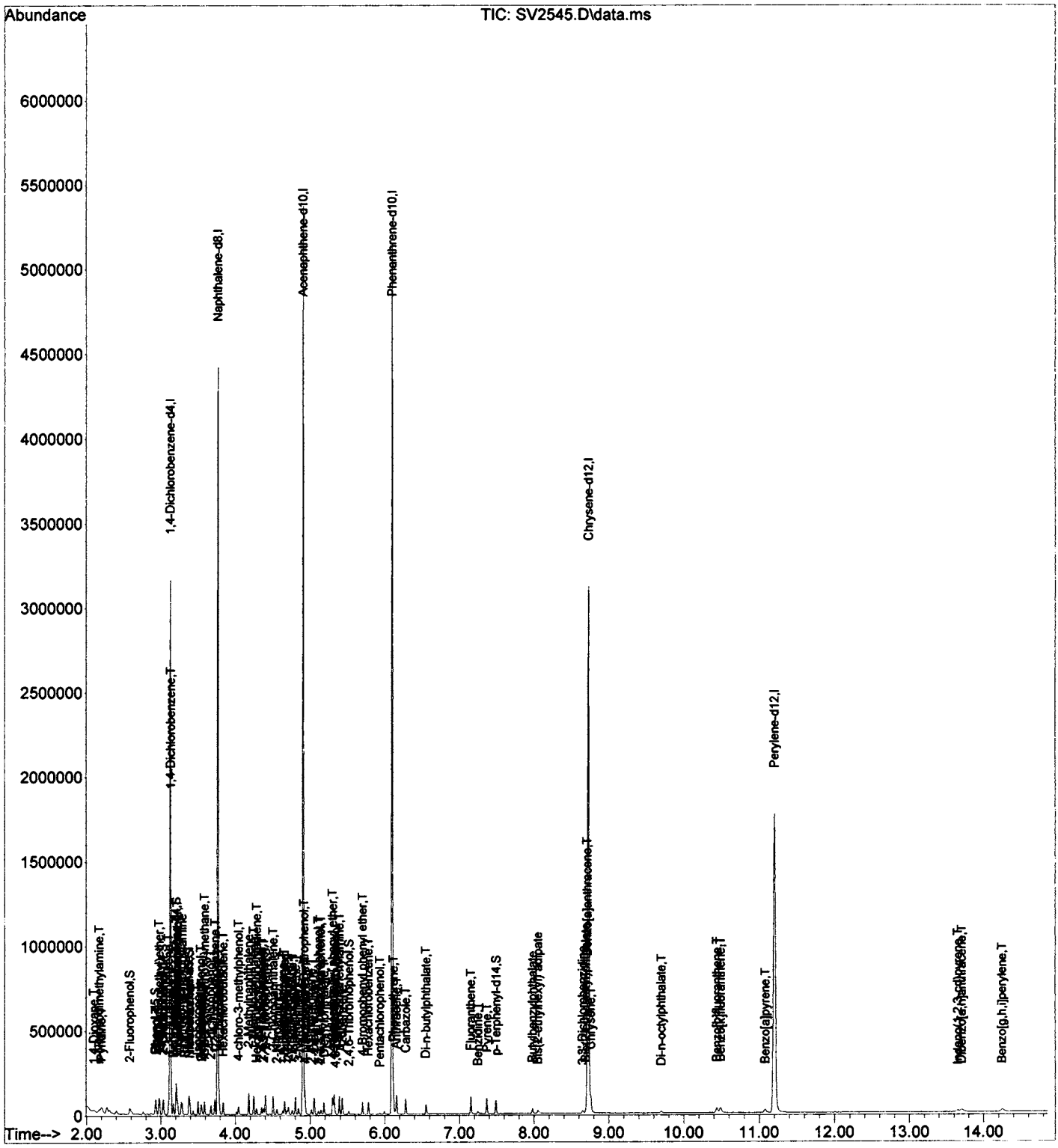
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	332035	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1320587	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	720968	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1242762	40.00	ng/uL	0.00
76) Chrysene-d12	8.727	240	1051885	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	998747	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	56374	4.80	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	6.40%#		
6) Phenol-d5	2.928	99	75599	4.84	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	6.45%#		
10) 2-Chlorophenol-d4	3.028	132	52402	4.76	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	6.35%#		
14) 1,2-Dichlorobenzene-d4	3.204	150	66695	4.93	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	6.57%#		
23) Nitrobenzene-d5	3.381	82	72803	4.71	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.42%#		
42) 2-Fluorobiphenyl	4.404	172	116039	4.88	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.76%#		
68) 2,4,6-Tribromophenol	5.516	330	12072	4.18	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	5.57%#		
85) p-Terphenyl-d14	7.486	244	124530	4.73	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	9.46%#		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	20627	5.01	ng/uL	98
3) n-Nitrosodimethylamine	2.169	74	45977	4.94	ng/uL	93
4) Pyridine	2.198	79	76683	4.91	ng/uL	99
7) Phenol	2.934	94	82700	4.79	ng/uL	98
8) Aniline	2.981	93	172574	4.87	ng/uL	99
9) Bis(2-chloroethyl)ether	2.981	63	56736	4.91	ng/uL	97
11) 2-Chlorophenol	3.034	128	54970	4.78	ng/uL	99
12) 1,3-Dichlorobenzene	3.104	146	63493	4.92	ng/uL	98
13) 1,4-Dichlorobenzene	3.134	146	63786	4.93	ng/uL#	69
15) Benzyl alcohol	3.169	79	51423	4.61	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	60389	4.94	ng/uL	99
17) 2-Methylphenol	3.210	108	57658	4.81	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.222	45	84710	5.10	ng/uL	96
19) 3+4-Methylphenol	3.275	107	61020	4.66	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	49157	4.90	ng/uL	97
21) Hexachloroethane	3.375	117	24027	4.66	ng/uL	98
22) Nitrobenzene	3.393	123	28062	4.62	ng/uL	91
25) Isophorone	3.498	82	136602	4.89	ng/uL	99
26) 2,4-Dimethylphenol	3.540	107	55356	5.07	ng/uL	90
27) 2-Nitrophenol	3.551	139	17806	4.44	ng/uL#	83
28) Benzoic acid	3.557	105	14218	4.24	ng/uL#	1
29) Bis(2-chloroethoxy)met...	3.587	93	81643	4.85	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	39488	4.60	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	47748	4.82	ng/uL	99
32) Naphthalene	3.781	128	182938	5.01	ng/uL	96
33) 4-Chloroaniline	3.787	65	28463	5.02	ng/uL	83
34) Hexachlorobutadiene	3.840	225	25684	4.84	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.045	107	46966	4.56	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	111819	4.88	ng/uL	99
37) 1-Methylnaphthalene	4.245	142	105924	5.01	ng/uL	98
39) Hexachlorocyclopentadiene	4.287	237	17588	4.44	ng/uL	100
40) 2,4,6-Trichlorophenol	4.351	196	24321	4.48	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	28600	4.92	ng/uL	99
43) 2-Chloronaphthalene	4.504	162	99101	4.78	ng/uL	98
44) 2-Nitroaniline	4.557	138	23000	4.40	ng/uL	96
45) 1,4-Dinitrobenzene	4.634	168	8279	4.14	ng/uL	89
46) Dimethylphthalate	4.657	163	110080	4.74	ng/uL	100
47) 1,3-Dinitrobenzene	4.692	168	11814	5.05	ng/uL	86
48) 2,6-Dinitrotoluene	4.710	165	21218	5.09	ng/uL	98
49) 1,2-Dinitrobenzene	4.763	168	9100	5.18	ng/uL	90
50) Acenaphthylene	4.804	152	166104	4.80	ng/uL	98
51) 3-Nitroaniline	4.845	92	33375	4.67	ng/uL	97
52) 2,4-Dinitrophenol	4.916	184	2898	5.71	ng/uL#	9
53) Acenaphthene	4.928	153	107670	4.81	ng/uL	99
54) 4-Nitrophenol	4.939	65	17222	3.71	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	22643	4.38	ng/uL	92
56) Dibenzofuran	5.057	168	142655	4.84	ng/uL	98
57) 2,3,5,6-Tetrachlorophenol	5.110	232	16607	4.44	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.145	232	21557	4.79	ng/uL	97
59) Diethylphthalate	5.187	149	110000	4.66	ng/uL	98
60) 4-Chlorophenyl phenyl ...	5.298	204	50002	4.68	ng/uL	99
61) 4-Nitroaniline	5.310	138	24152	4.52	ng/uL	89
62) Fluorene	5.322	166	112783	4.75	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.339	198	4139	5.75	ng/uL#	1
64) n-Nitrosodiphenylamine	5.387	169	93528	4.70	ng/uL	99
65) Azobenzene	5.428	77	149409	4.82	ng/uL	98
66) 4-Bromophenyl phenyl e...	5.698	248	27968	4.61	ng/uL	98
69) Hexachlorobenzene	5.781	284	32926	4.74	ng/uL	99
70) Pentachlorophenol	5.934	266	9861	5.33	ng/uL	99
71) Phenanthrene	6.116	178	162086	4.79	ng/uL	99
72) Anthracene	6.157	178	159377	4.72	ng/uL	99
73) Carbazole	6.281	167	147329	4.75	ng/uL	97
74) Di-n-butylphthalate	6.551	149	150488	3.99	ng/uL	98
75) Fluoranthene	7.151	202	155276	4.58	ng/uL	98
77) Benzidine	7.251	184	59391	5.31	ng/uL	98
78) Pyrene	7.369	202	163706	4.70	ng/uL	98
79) Butylbenzylphthalate	7.980	149	38511	5.63	ng/uL	96
80) Bis(2-ethylhexyl) adipate	8.057	129	33074	5.57	ng/uL	98
81) Bis(2-ethylhexyl)phtha...	8.698	149	60722	5.53	ng/uL	94
82) 3,3'-Dichlorobenzidine	8.651	252	39421	5.22	ng/uL	100
83) Benzo[a]anthracene	8.710	228	157091	4.63	ng/uL	99
84) Chrysene	8.757	228	148748	4.78	ng/uL	99
86) Di-n-octylphthalate	9.704	149	53840	7.04	ng/uL	95
88) Benzo[b]fluoranthene	10.439	252	117279	4.47	ng/uL	99
89) Benzo[k]fluoranthene	10.486	252	133048	4.43	ng/uL	99
90) Benzo[a]pyrene	11.080	252	98389	4.46	ng/uL	100
91) Dibenzo[a,h]anthracene	13.710	278	100299	4.50	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	13.651	276	80572	4.22	ng/uL#	99
93) Benzo[g,h,i]perylene	14.251	276	108081	4.57	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

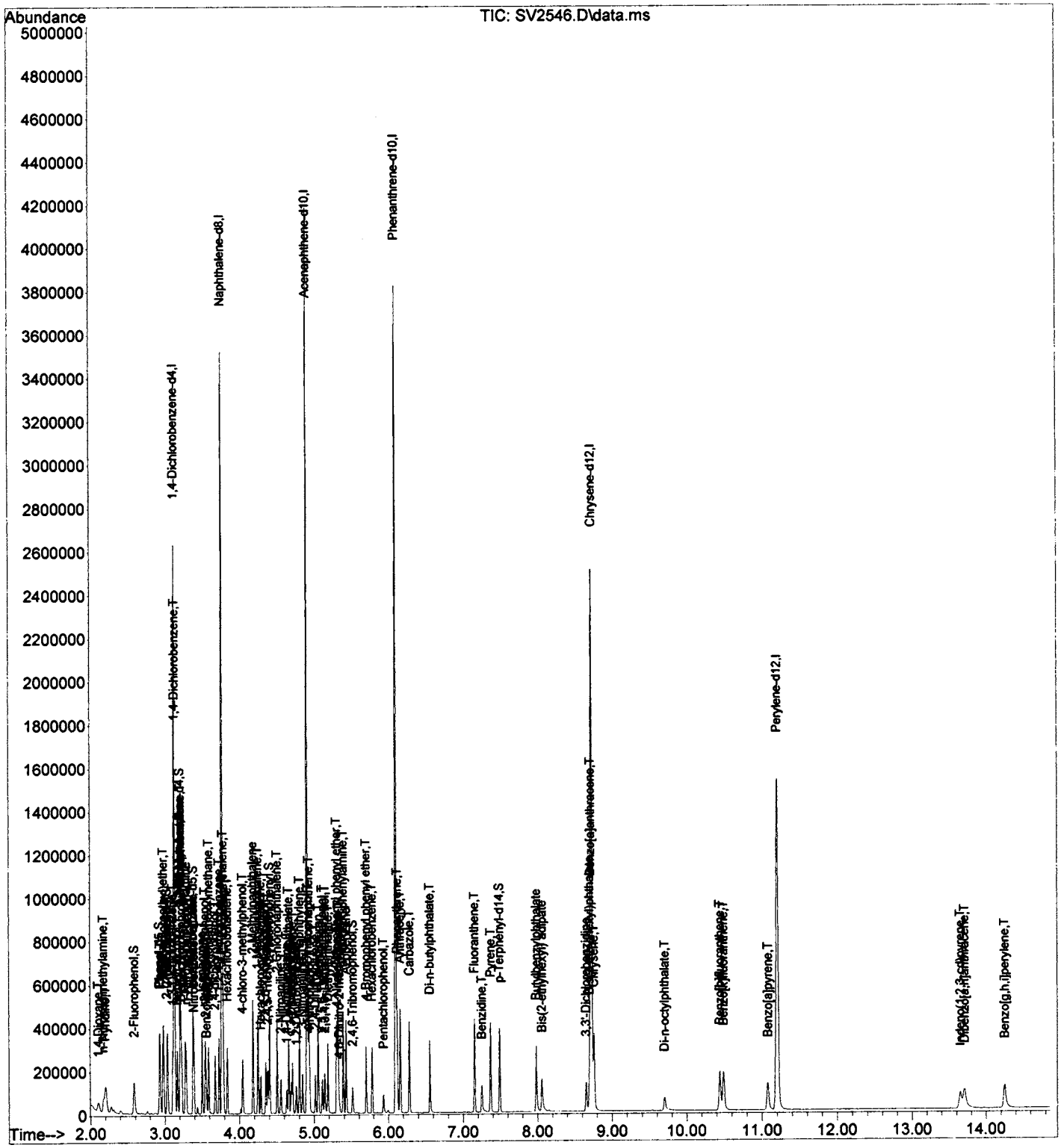
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	289590	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1154397	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	605980	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1030055	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	872411	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	817968	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	99622	9.73	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 12.97%			
6) Phenol-d5	2.928	99	133235	9.78	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 13.04%#			
10) 2-Chlorophenol-d4	3.028	132	93661	9.76	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 13.01%#			
14) 1,2-Dichlorobenzene-d4	3.204	150	117195	9.94	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 13.25%#			
23) Nitrobenzene-d5	3.381	82	129598	9.62	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 19.24%#			
42) 2-Fluorobiphenyl	4.404	172	195590	9.79	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 19.58%#			
68) 2,4,6-Tribromophenol	5.516	330	21402	8.83	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 11.77%#			
85) p-Terphenyl-d14	7.492	244	209806	9.61	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 19.22%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	35521	9.89	ng/uL	99
3) n-Nitrosodimethylamine	2.175	74	79122	9.74	ng/uL	96
4) Pyridine	2.204	79	134984	9.92	ng/uL	99
7) Phenol	2.934	94	146368	9.73	ng/uL	99
8) Aniline	2.981	93	303842	9.83	ng/uL	99
9) Bis(2-chloroethyl)ether	2.981	63	99200	9.85	ng/uL	98
11) 2-Chlorophenol	3.034	128	97476	9.72	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	111199	9.87	ng/uL	99
13) 1,4-Dichlorobenzene	3.134	146	112196	9.95	ng/uL#	85
15) Benzyl alcohol	3.169	79	93436	9.60	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	106571	9.99	ng/uL	98
17) 2-Methylphenol	3.210	108	102752	9.82	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.228	45	144536	9.98	ng/uL	97
19) 3+4-Methylphenol	3.275	107	110862	9.71	ng/uL	98
20) n-Nitroso-di-n-propyla...	3.287	70	84968	9.72	ng/uL	97
21) Hexachloroethane	3.375	117	42539	9.46	ng/uL	98
22) Nitrobenzene	3.393	123	50397	9.52	ng/uL	92
25) Isophorone	3.504	82	234919	9.63	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	100462	9.61	ng/uL	88
27) 2-Nitrophenol	3.551	139	34855	9.09	ng/uL	89
28) Benzoic acid	3.563	105	27636	7.88	ng/uL#	1
29) Bis(2-chloroethoxy)met...	3.587	93	140330	9.53	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	71809	9.57	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	83125	9.59	ng/uL	99
32) Naphthalene	3.781	128	316186	9.90	ng/uL	96
33) 4-Chloroaniline	3.787	65	46834	9.46	ng/uL	89
34) Hexachlorobutadiene	3.840	225	44844	9.67	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.045	107	83549	9.28	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	193423	9.66	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	180067	9.73	ng/uL	98
39) Hexachlorocyclopentadiene	4.287	237	33034	9.07	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	47288	9.57	ng/uL	97
41) 2,4,5-Trichlorophenol	4.381	196	47384	9.31	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	169334	9.71	ng/uL	98
44) 2-Nitroaniline	4.557	138	42897	8.83	ng/uL	96
45) 1,4-Dinitrobenzene	4.634	168	16283	8.40	ng/uL	91
46) Dimethylphthalate	4.663	163	183465	9.40	ng/uL	99
47) 1,3-Dinitrobenzene	4.693	168	22447	9.10	ng/uL	89
48) 2,6-Dinitrotoluene	4.710	165	37895	9.53	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	16447	9.30	ng/uL	88
50) Acenaphthylene	4.804	152	281014	9.66	ng/uL	99
51) 3-Nitroaniline	4.845	92	59617	9.29	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	5694	9.11	ng/uL#	58
53) Acenaphthene	4.928	153	182861	9.71	ng/uL	97
54) 4-Nitrophenol	4.940	65	33959	8.55	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	43196	8.92	ng/uL	95
56) Dibenzofuran	5.057	168	238778	9.64	ng/uL	97
57) 2,3,5,6-Tetrachlorophenol	5.110	232	31097	8.88	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.145	232	37990	9.39	ng/uL	97
59) Diethylphthalate	5.187	149	186913	9.41	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.298	204	84938	9.45	ng/uL	98
61) 4-Nitroaniline	5.316	138	44703	9.08	ng/uL	95
62) Fluorene	5.322	166	190165	9.53	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	9351	9.08	ng/uL#	1
64) n-Nitrosodiphenylamine	5.387	169	156358	9.35	ng/uL	99
65) Azobenzene	5.428	77	249041	9.56	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.698	248	47028	9.21	ng/uL	98
69) Hexachlorobenzene	5.781	284	55321	9.60	ng/uL	99
70) Pentachlorophenol	5.934	266	21298	9.48	ng/uL	99
71) Phenanthrene	6.116	178	266361	9.51	ng/uL	100
72) Anthracene	6.157	178	267737	9.56	ng/uL	99
73) Carbazole	6.281	167	247578	9.63	ng/uL	98
74) Di-n-butylphthalate	6.551	149	272111	8.71	ng/uL	99
75) Fluoranthene	7.157	202	264200	9.39	ng/uL	99
77) Benzidine	7.251	184	118929	9.49	ng/uL	99
78) Pyrene	7.369	202	275966	9.55	ng/uL	99
79) Butylbenzylphthalate	7.981	149	80553	9.23	ng/uL	97
80) Bis(2-ethylhexyl) adipate	8.057	129	70706	9.30	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	123675	9.35	ng/uL	97
82) 3,3'-Dichlorobenzidine	8.657	252	75114	9.47	ng/uL	99
83) Benzo[a]anthracene	8.710	228	269768	9.58	ng/uL	98
84) Chrysene	8.763	228	244813	9.49	ng/uL	99
86) Di-n-octylphthalate	9.704	149	121126	9.83	ng/uL	95
88) Benzo[b]fluoranthene	10.439	252	214837	9.31	ng/uL	98
89) Benzo[k]fluoranthene	10.492	252	226408	9.21	ng/uL	98
90) Benzo[a]pyrene	11.080	252	179170	9.18	ng/uL	99
91) Dibenzo[a,h]anthracene	13.710	278	184513	9.27	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	13.651	276	154758	8.70	ng/uL#	98
93) Benzo[g,h,i]perylene	14.251	276	194143	9.32	ng/uL	98

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

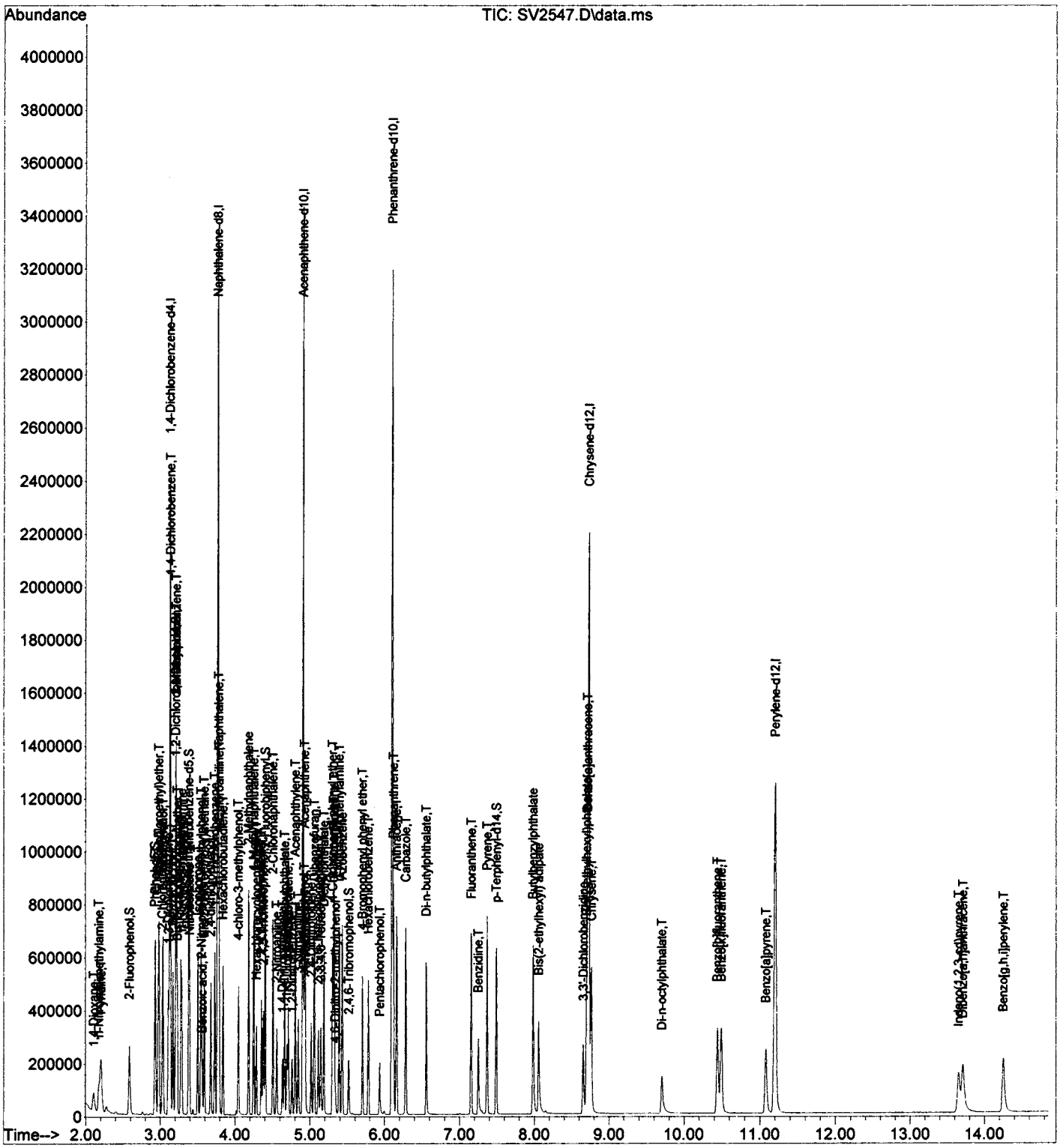
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	266196	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1068144	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	571782	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	982583	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	844117	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	785551	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	188822	20.06	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 26.75%			
6) Phenol-d5	2.928	99	248347	19.82	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 26.43%#			
10) 2-Chlorophenol-d4	3.028	132	176110	19.97	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 26.63%#			
14) 1,2-Dichlorobenzene-d4	3.204	150	218232	20.13	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 26.84%			
23) Nitrobenzene-d5	3.381	82	249448	20.15	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 40.30%#			
42) 2-Fluorobiphenyl	4.404	172	373231	19.81	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 39.62%#			
68) 2,4,6-Tribromophenol	5.516	330	46600	19.64	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 26.19%#			
85) p-Terphenyl-d14	7.492	244	419586	19.86	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 39.72%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	65268	19.77	ng/uL	99
3) n-Nitrosodimethylamine	2.175	74	148063	19.83	ng/uL	98
4) Pyridine	2.205	79	245792	19.65	ng/uL	99
7) Phenol	2.934	94	273688	19.79	ng/uL	99
8) Aniline	2.981	93	566590	19.95	ng/uL	100
9) Bis(2-chloroethyl)ether	2.981	63	184761	19.96	ng/uL	98
11) 2-Chlorophenol	3.040	128	182909	19.85	ng/uL	99
12) 1,3-Dichlorobenzene	3.110	146	205840	19.88	ng/uL	100
13) 1,4-Dichlorobenzene	3.134	146	205567	19.83	ng/uL#	93
15) Benzyl alcohol	3.169	79	178728	19.97	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	198318	20.22	ng/uL	99
17) 2-Methylphenol	3.210	108	197057	20.49	ng/uL	99
18) Bis(2-chloroisopropyl)...	3.228	45	268875	20.20	ng/uL	98
19) 3+4-Methylphenol	3.275	107	210744	20.09	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.287	70	161632	20.11	ng/uL	97
21) Hexachloroethane	3.375	117	81220	19.65	ng/uL	99
22) Nitrobenzene	3.393	123	97324	20.00	ng/uL	96
25) Isophorone	3.499	82	451616	20.00	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	194730	19.14	ng/uL	81
27) 2-Nitrophenol	3.551	139	73152	19.29	ng/uL	89
28) Benzoic acid	3.569	105	74911	19.02	ng/uL#	53
29) Bis(2-chloroethoxy)met...	3.587	93	267260	19.62	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	138095	19.90	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	156839	19.56	ng/uL	99
32) Naphthalene	3.781	128	589182	19.95	ng/uL	97
33) 4-Chloroaniline	3.787	65	86008	18.77	ng/uL	94
34) Hexachlorobutadiene	3.840	225	83209	19.40	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	163809	19.67	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	367005	19.80	ng/uL	99
37) 1-Methylnaphthalene	4.246	142	336137	19.64	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	69395	18.78	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	91048	18.69	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	101406	20.35	ng/uL	99
43) 2-Chloronaphthalene	4.504	162	319748	19.43	ng/uL	99
44) 2-Nitroaniline	4.557	138	95885	19.51	ng/uL	98
45) 1,4-Dinitrobenzene	4.634	168	39188	19.26	ng/uL	97
46) Dimethylphthalate	4.663	163	360142	19.56	ng/uL	98
47) 1,3-Dinitrobenzene	4.693	168	50703	19.01	ng/uL	95
48) 2,6-Dinitrotoluene	4.710	165	77975	19.30	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	35546	19.11	ng/uL	95
50) Acenaphthylene	4.804	152	547946	19.96	ng/uL	98
51) 3-Nitroaniline	4.846	92	124256	19.60	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	15492	18.64	ng/uL#	78
53) Acenaphthene	4.928	153	346587	19.51	ng/uL	99
54) 4-Nitrophenol	4.940	65	76251	19.60	ng/uL	98
55) 2,4-Dinitrotoluene	5.016	165	95904	19.55	ng/uL	98
56) Dibenzofuran	5.057	168	460755	19.72	ng/uL	98
57) 2,3,5,6-Tetrachlorophenol	5.110	232	69186	19.44	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.146	232	78209	19.54	ng/uL	99
59) Diethylphthalate	5.187	149	368369	19.66	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.298	204	165445	19.51	ng/uL	98
61) 4-Nitroaniline	5.316	138	94731	19.24	ng/uL	97
62) Fluorene	5.322	166	373185	19.83	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	25263	18.21	ng/uL	96
64) n-Nitrosodiphenylamine	5.393	169	308710	19.57	ng/uL	99
65) Azobenzene	5.428	77	489975	19.93	ng/uL	98
66) 4-Bromophenyl phenyl e...	5.698	248	93112	19.33	ng/uL	99
69) Hexachlorobenzene	5.781	284	106536	19.39	ng/uL	99
70) Pentachlorophenol	5.934	266	50828	19.26	ng/uL	99
71) Phenanthrene	6.116	178	521949	19.53	ng/uL	99
72) Anthracene	6.163	178	530990	19.87	ng/uL	99
73) Carbazole	6.281	167	487613	19.87	ng/uL	99
74) Di-n-butylphthalate	6.551	149	566554	19.01	ng/uL	99
75) Fluoranthene	7.157	202	520812	19.41	ng/uL	99
77) Benzidine	7.251	184	287384	19.76	ng/uL	99
78) Pyrene	7.369	202	543517	19.43	ng/uL	99
79) Butylbenzylphthalate	7.981	149	200319	18.41	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	175045	18.52	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	296808	18.69	ng/uL	97
82) 3,3'-Dichlorobenzidine	8.657	252	168015	19.12	ng/uL	99
83) Benzo[a]anthracene	8.710	228	528568	19.41	ng/uL	99
84) Chrysene	8.763	228	489647	19.61	ng/uL	99
86) Di-n-octylphthalate	9.704	149	339203	18.00	ng/uL	99
88) Benzo[b]fluoranthene	10.445	252	438890	18.93	ng/uL	99
89) Benzo[k]fluoranthene	10.492	252	467802	19.82	ng/uL	99
90) Benzo[a]pyrene	11.080	252	377512	19.12	ng/uL	100
91) Dibenzo[a,h]anthracene	13.716	278	396575	19.55	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.657	276	350331	18.88	ng/uL#	99
93) Benzo[g,h,i]perylene	14.257	276	405018	19.30	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

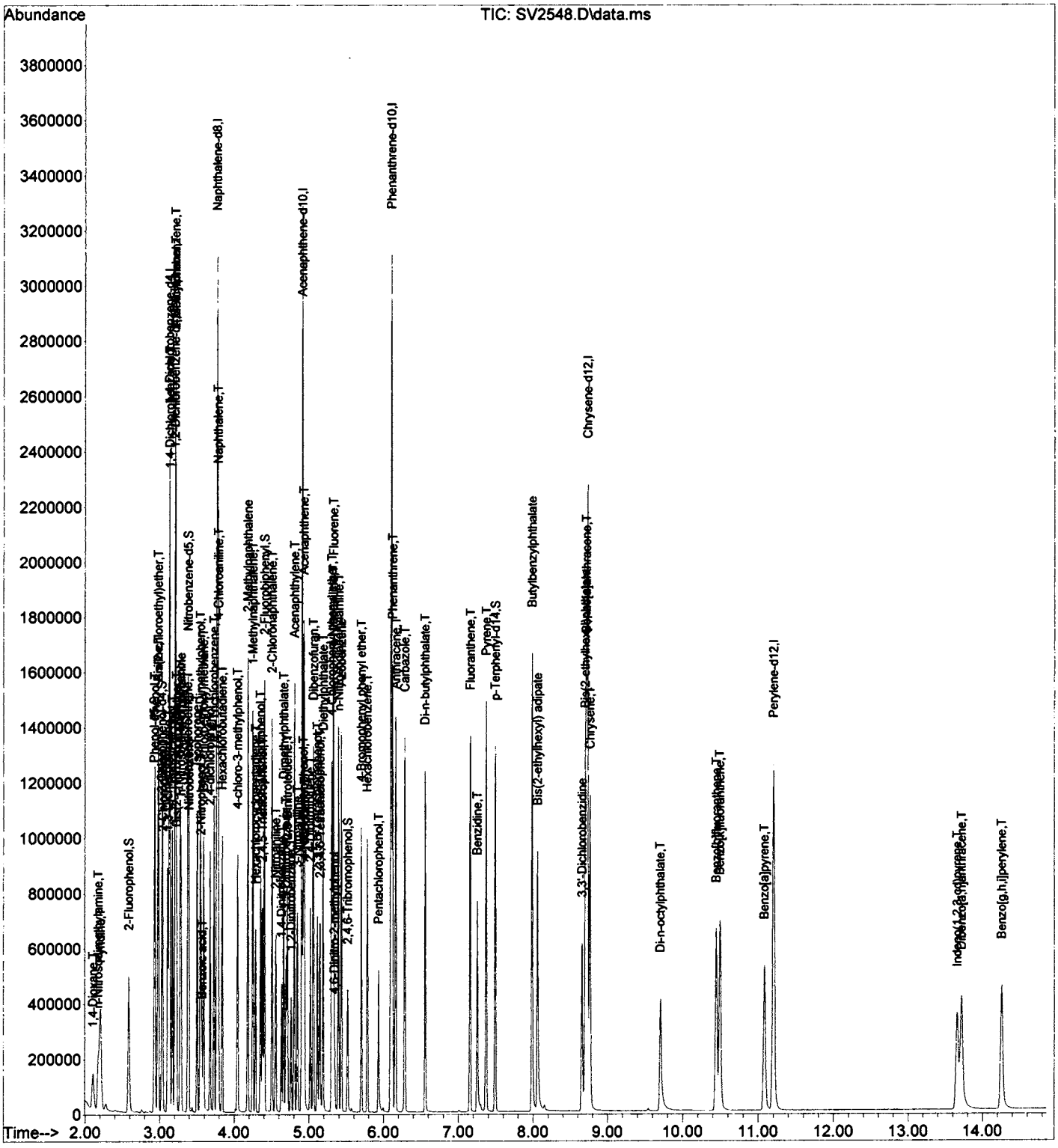
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	243562	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	965966	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	514106	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	886686	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	752873	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	704761	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	338716	39.34	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 52.45%			
6) Phenol-d5	2.928	99	455228	39.72	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 52.96%			
10) 2-Chlorophenol-d4	3.028	132	323424	40.08	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 53.44%			
14) 1,2-Dichlorobenzene-d4	3.204	150	399016	40.22	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 53.63%			
23) Nitrobenzene-d5	3.381	82	465486	41.09	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 82.18%			
42) 2-Fluorobiphenyl	4.404	172	677841	40.01	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.02%			
68) 2,4,6-Tribromophenol	5.516	330	89031	39.66	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 52.88%			
85) p-Terphenyl-d14	7.492	244	768389	40.77	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.54%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	117334	38.85	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	278903	40.83	ng/uL	99
4) Pyridine	2.205	79	458798	40.08	ng/uL	99
7) Phenol	2.934	94	524454	41.44	ng/uL	99
8) Aniline	2.981	93	1085134	41.76	ng/uL	100
9) Bis(2-chloroethyl)ether	2.981	63	349728	41.28	ng/uL	99
11) 2-Chlorophenol	3.040	128	353173	41.88	ng/uL	100
12) 1,3-Dichlorobenzene	3.110	146	390173	41.19	ng/uL	99
13) 1,4-Dichlorobenzene	3.134	146	388190	40.94	ng/uL	98
15) Benzyl alcohol	3.169	79	348126	42.52	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	379614	42.29	ng/uL	99
17) 2-Methylphenol	3.210	108	380062	43.20	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	501159	41.15	ng/uL	99
19) 3+4-Methylphenol	3.275	107	409601	42.67	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	306824	41.71	ng/uL	99
21) Hexachloroethane	3.381	117	157028	41.52	ng/uL	99
22) Nitrobenzene	3.393	123	188831	42.42	ng/uL	96
25) Isophorone	3.504	82	851930	41.72	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	390248	40.94	ng/uL	98
27) 2-Nitrophenol	3.552	139	153449	41.34	ng/uL	93
28) Benzoic acid	3.575	105	172030	39.52	ng/uL	95
29) Bis(2-chloroethoxy)met...	3.587	93	510096	41.40	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	270327	43.07	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	296129	40.84	ng/uL	99
32) Naphthalene	3.781	128	1103598	41.31	ng/uL	98
33) 4-Chloroaniline	3.787	65	161351	38.93	ng/uL	96
34) Hexachlorobutadiene	3.840	225	158530	40.87	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	322319	42.79	ng/uL	100
36) 2-Methylnaphthalene	4.181	142	690222	41.17	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	638825	41.27	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	155599	42.07	ng/uL	100
40) 2,4,6-Trichlorophenol	4.351	196	194835	42.12	ng/uL	96
41) 2,4,5-Trichlorophenol	4.381	196	186624	40.12	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	613972	41.49	ng/uL	99
44) 2-Nitroaniline	4.557	138	195928	41.43	ng/uL	99
45) 1,4-Dinitrobenzene	4.634	168	84740	41.56	ng/uL	98
46) Dimethylphthalate	4.663	163	690596	41.71	ng/uL	99
47) 1,3-Dinitrobenzene	4.699	168	105151	40.30	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	153237	40.14	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	71012	39.82	ng/uL	96
50) Acenaphthylene	4.804	152	1033639	41.88	ng/uL	99
51) 3-Nitroaniline	4.846	92	244500	41.10	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	42534	40.65	ng/uL	98
53) Acenaphthene	4.928	153	657641	41.17	ng/uL	99
54) 4-Nitrophenol	4.946	65	160122	42.55	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	195718	41.57	ng/uL	100
56) Dibenzofuran	5.057	168	869964	41.40	ng/uL	98
57) 2,3,5,6-Tetrachlorophenol	5.110	232	143541	41.62	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.146	232	154883	41.04	ng/uL	100
59) Diethylphthalate	5.187	149	706841	41.95	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	316188	41.47	ng/uL	99
61) 4-Nitroaniline	5.316	138	192300	41.08	ng/uL	97
62) Fluorene	5.322	166	710027	41.96	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.340	198	65905	40.67	ng/uL	98
64) n-Nitrosodiphenylamine	5.393	169	594760	41.93	ng/uL	100
65) Azobenzene	5.428	77	922620	41.75	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.698	248	178926	41.32	ng/uL	99
69) Hexachlorobenzene	5.781	284	199253	40.19	ng/uL	99
70) Pentachlorophenol	5.934	266	110961	40.74	ng/uL	99
71) Phenanthrene	6.116	178	997099	41.34	ng/uL	100
72) Anthracene	6.163	178	1015599	42.11	ng/uL	100
73) Carbazole	6.287	167	932714	42.12	ng/uL	99
74) Di-n-butylphthalate	6.557	149	1141464	42.44	ng/uL	99
75) Fluoranthene	7.157	202	1018940	42.08	ng/uL	99
77) Benzidine	7.251	184	567810	39.05	ng/uL	100
78) Pyrene	7.369	202	1059069	42.46	ng/uL	99
79) Butylbenzylphthalate	7.981	149	450767	40.19	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	396690	40.38	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	646260	40.13	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.657	252	331339	38.77	ng/uL	99
83) Benzo[a]anthracene	8.710	228	1018652	41.94	ng/uL	99
84) Chrysene	8.763	228	937447	42.09	ng/uL	99
86) Di-n-octylphthalate	9.704	149	847526	39.10	ng/uL	99
88) Benzo[b]fluoranthene	10.445	252	915501	41.72	ng/uL	100
89) Benzo[k]fluoranthene	10.498	252	896783	42.34	ng/uL	99
90) Benzo[a]pyrene	11.086	252	774225	41.28	ng/uL	100
91) Dibenzo[a,h]anthracene	13.721	278	803634	41.37	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.663	276	757606	41.83	ng/uL#	98
93) Benzo[g,h,i]perylene	14.263	276	824923	41.55	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

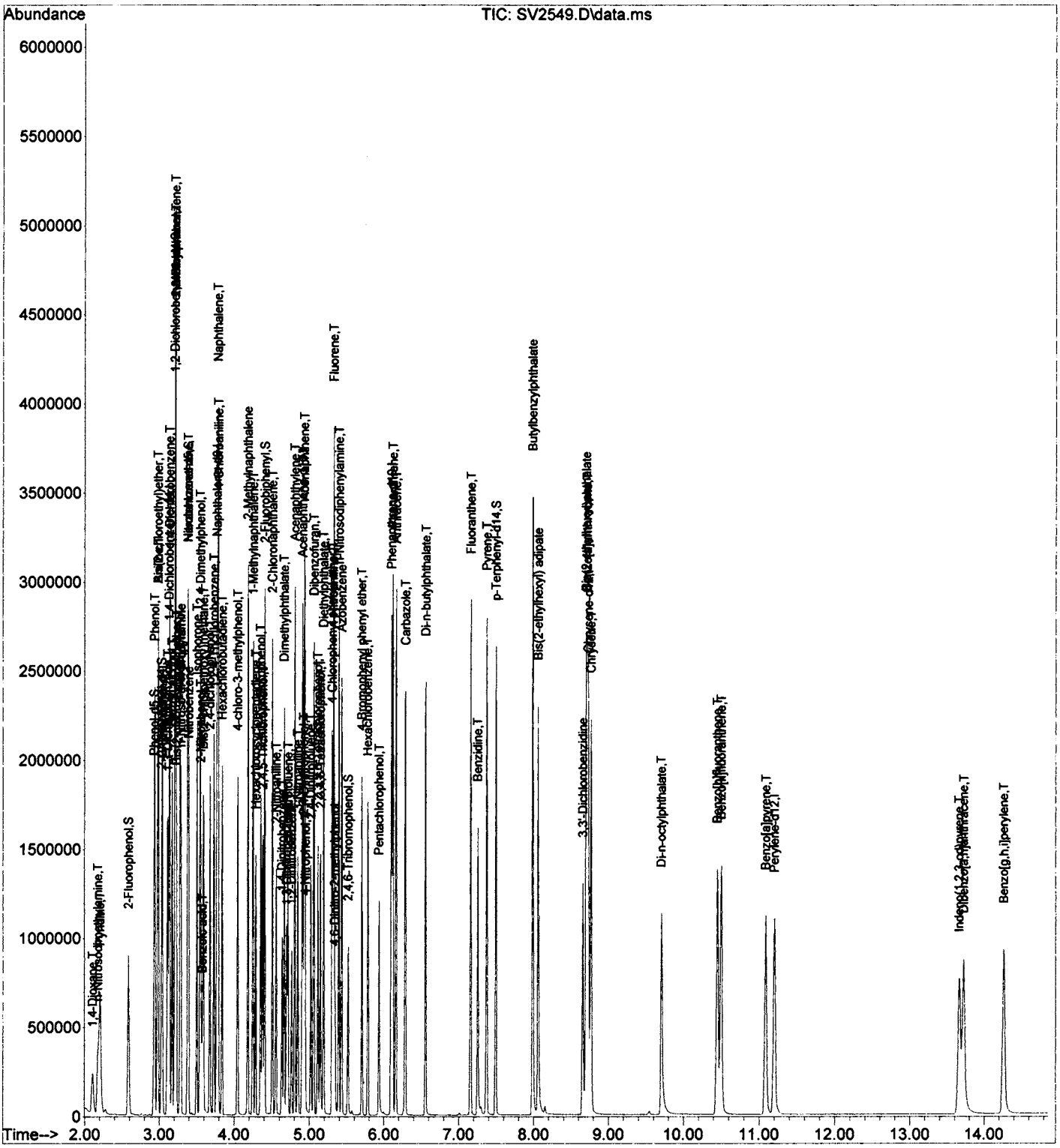
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	238734	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	930285	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	493582	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	863149	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	738590	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	683753	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	714932	84.71	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 112.95%			
6) Phenol-d5	2.934	99	957357	85.21	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 113.61%			
10) 2-Chlorophenol-d4	3.034	132	674531	85.28	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 113.71%			
14) 1,2-Dichlorobenzene-d4	3.204	150	796022	81.87	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 109.16%			
23) Nitrobenzene-d5	3.387	82	950237	85.57	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 171.14%#			
42) 2-Fluorobiphenyl	4.404	172	1356291	83.38	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 166.76%#			
68) 2,4,6-Tribromophenol	5.516	330	194118	81.10	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 108.13%			
85) p-Terphenyl-d14	7.492	244	1603627	86.73	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 173.46%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	235679	79.61	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	546062	81.56	ng/uL	100
4) Pyridine	2.204	79	928198	82.72	ng/uL	100
7) Phenol	2.940	94	1045610	84.29	ng/uL	100
8) Aniline	2.981	93	2103469	82.58	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	674702	81.26	ng/uL	100
11) 2-Chlorophenol	3.040	128	695622	84.16	ng/uL	100
12) 1,3-Dichlorobenzene	3.110	146	751383	80.93	ng/uL	100
13) 1,4-Dichlorobenzene	3.140	146	756084	81.34	ng/uL	100
15) Benzyl alcohol	3.169	79	692160	86.24	ng/uL	100
16) 1,2-Dichlorobenzene	3.216	146	711727	80.90	ng/uL	100
17) 2-Methylphenol	3.210	108	726202	84.20	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	947552	79.38	ng/uL	100
19) 3+4-Methylphenol	3.281	107	803225	85.38	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.293	70	594395	82.44	ng/uL	100
21) Hexachloroethane	3.381	117	313367	84.54	ng/uL	100
22) Nitrobenzene	3.393	123	374741	85.88	ng/uL	100
25) Isophorone	3.504	82	1648192	83.81	ng/uL	100
26) 2,4-Dimethylphenol	3.546	107	765018	80.80	ng/uL	100
27) 2-Nitrophenol	3.551	139	327624	81.93	ng/uL	100
28) Benzoic acid	3.593	105	467202	82.67	ng/uL	99
29) Bis(2-chloroethoxy)met...	3.593	93	998206	84.13	ng/uL	100
30) 2,4-dichlorophenol	3.675	162	527635	87.29	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.728	180	577198	82.66	ng/uL	100
32) Naphthalene	3.781	128	2074137	80.63	ng/uL	100
33) 4-Chloroaniline	3.787	65	303073	75.93	ng/uL	100
34) Hexachlorobutadiene	3.840	225	311075	83.28	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.045	107	647557	89.26	ng/uL	100
36) 2-Methylnaphthalene	4.187	142	1338882	82.93	ng/uL	100
37) 1-Methylnaphthalene	4.251	142	1229946	82.50	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	333043	81.35	ng/uL	100
40) 2,4,6-Trichlorophenol	4.351	196	385585	81.27	ng/uL	100
41) 2,4,5-Trichlorophenol	4.381	196	384884	81.04	ng/uL	100
43) 2-Chloronaphthalene	4.510	162	1187506	83.59	ng/uL	100
44) 2-Nitroaniline	4.557	138	409099	82.07	ng/uL	100
45) 1,4-Dinitrobenzene	4.640	168	186832	82.36	ng/uL	100
46) Dimethylphthalate	4.669	163	1357031	85.36	ng/uL	100
47) 1,3-Dinitrobenzene	4.698	168	219278	80.89	ng/uL	100
48) 2,6-Dinitrotoluene	4.716	165	311092	80.85	ng/uL	100
49) 1,2-Dinitrobenzene	4.769	168	146904	81.14	ng/uL	100
50) Acenaphthylene	4.804	152	1991335	84.03	ng/uL	100
51) 3-Nitroaniline	4.851	92	490994	81.16	ng/uL	100
52) 2,4-Dinitrophenol	4.922	184	117712	81.04	ng/uL	100
53) Acenaphthene	4.934	153	1285568	83.83	ng/uL	100
54) 4-Nitrophenol	4.945	65	334658	82.49	ng/uL	100
55) 2,4-Dinitrotoluene	5.022	165	401107	81.53	ng/uL	100
56) Dibenzofuran	5.057	168	1681171	83.34	ng/uL	100
57) 2,3,5,6-Tetrachlorophenol	5.110	232	298906	81.68	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.145	232	314104	81.19	ng/uL	100
59) Diethylphthalate	5.192	149	1409662	87.14	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	626719	85.62	ng/uL	100
61) 4-Nitroaniline	5.322	138	399450	82.47	ng/uL	100
62) Fluorene	5.328	166	1382346	85.09	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.345	198	163814	81.91	ng/uL	100
64) n-Nitrosodiphenylamine	5.392	169	1177291	86.45	ng/uL	100
65) Azobenzene	5.434	77	1794244	84.56	ng/uL	100
66) 4-Bromophenyl phenyl e...	5.704	248	362624	87.23	ng/uL	100
69) Hexachlorobenzene	5.787	284	403634	83.63	ng/uL	100
70) Pentachlorophenol	5.934	266	243549	81.08	ng/uL	100
71) Phenanthrene	6.122	178	1971352	83.96	ng/uL	100
72) Anthracene	6.163	178	2004905	85.40	ng/uL	100
73) Carbazole	6.287	167	1840615	85.40	ng/uL	100
74) Di-n-butylphthalate	6.557	149	2329014	88.96	ng/uL	100
75) Fluoranthene	7.157	202	2064452	87.59	ng/uL	100
77) Benzidine	7.251	184	1356877	82.73	ng/uL	100
78) Pyrene	7.375	202	2125489	86.85	ng/uL	100
79) Butylbenzylphthalate	7.986	149	1018716	82.96	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.057	129	901919	82.41	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	1449358	82.52	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.663	252	754740	81.91	ng/uL	100
83) Benzo[a]anthracene	8.716	228	2037488	85.50	ng/uL	100
84) Chrysene	8.769	228	1867596	85.47	ng/uL	100
86) Di-n-octylphthalate	9.704	149	2046812	81.41	ng/uL	100
88) Benzo[b]fluoranthene	10.457	252	1886041	82.45	ng/uL	100
89) Benzo[k]fluoranthene	10.504	252	1825453	88.84	ng/uL	100
90) Benzo[a]pyrene	11.092	252	1624992	82.45	ng/uL	100
91) Dibenzo[a,h]anthracene	13.739	278	1679270	81.31	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.680	276	1617876	82.67	ng/uL#	100
93) Benzo[g,h,i]perylene	14.280	276	1681513	81.34	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

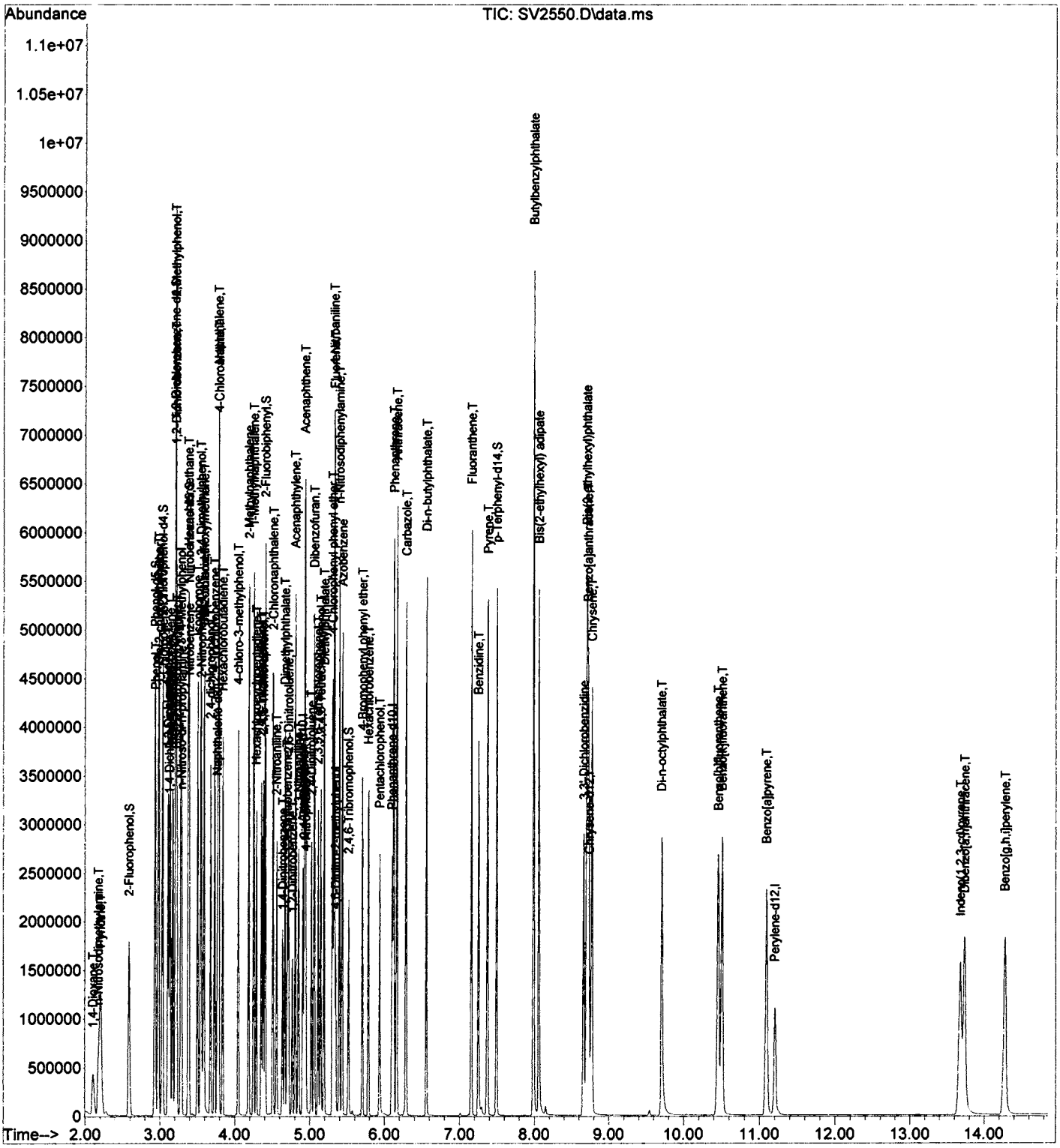
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	240501	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	932650	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	486721	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	852619	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	738117	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	682474	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	891018	104.80	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	139.73%#		
6) Phenol-d5	2.934	99	1181648	104.40	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	139.20%#		
10) 2-Chlorophenol-d4	3.034	132	836334	104.95	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	139.93%#		
14) 1,2-Dichlorobenzene-d4	3.204	150	968309	98.86	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	131.81%#		
23) Nitrobenzene-d5	3.381	82	1167815	104.39	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	208.78%#		
42) 2-Fluorobiphenyl	4.404	172	1640378	102.27	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	204.54%#		
68) 2,4,6-Tribromophenol	5.516	330	244886	99.68	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	132.91%		
85) p-Terphenyl-d14	7.492	244	1974079	106.83	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	213.66%#		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	292385	98.04	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	680116	100.83	ng/uL	99
4) Pyridine	2.205	79	1137398	100.62	ng/uL	100
7) Phenol	2.940	94	1299575	103.99	ng/uL	100
8) Aniline	2.981	93	2584495	100.72	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	830405	99.27	ng/uL	100
11) 2-Chlorophenol	3.040	128	867615	104.20	ng/uL	99
12) 1,3-Dichlorobenzene	3.110	146	929886	99.42	ng/uL	100
13) 1,4-Dichlorobenzene	3.140	146	927589	99.06	ng/uL	99
15) Benzyl alcohol	3.175	79	862620	106.69	ng/uL	100
16) 1,2-Dichlorobenzene	3.216	146	862348	97.30	ng/uL	100
17) 2-Methylphenol	3.210	108	877759	101.03	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	1146312	95.33	ng/uL	100
19) 3+4-Methylphenol	3.281	107	993871	104.86	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.293	70	738840	101.73	ng/uL	99
21) Hexachloroethane	3.381	117	388180	103.96	ng/uL	100
22) Nitrobenzene	3.393	123	466577	106.14	ng/uL	99
25) Isophorone	3.504	82	2013127	102.10	ng/uL	100
26) 2,4-Dimethylphenol	3.546	107	942865	98.27	ng/uL	100
27) 2-Nitrophenol	3.551	139	415803	99.35	ng/uL	99
28) Benzoic acid	3.593	105	615621	99.09	ng/uL	100
29) Bis(2-chloroethoxy)met...	3.593	93	1226283	103.09	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	652782	107.72	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.728	180	713994	101.99	ng/uL	100
32) Naphthalene	3.781	128	2526823	97.97	ng/uL	100
33) 4-Chloroaniline	3.787	65	367889	91.93	ng/uL	99
34) Hexachlorobutadiene	3.840	225	381287	101.82	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	797158	109.60	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	1645144	101.65	ng/uL	100
37) 1-Methylnaphthalene	4.251	142	1511456	101.13	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	425285	99.41	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	475769	98.97	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	476683	99.24	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	1457317	104.02	ng/uL	100
44) 2-Nitroaniline	4.557	138	506030	99.36	ng/uL	99
45) 1,4-Dinitrobenzene	4.640	168	237732	100.39	ng/uL	99
46) Dimethylphthalate	4.669	163	1662092	106.03	ng/uL	100
47) 1,3-Dinitrobenzene	4.698	168	273292	99.35	ng/uL	100
48) 2,6-Dinitrotoluene	4.716	165	383408	99.27	ng/uL	100
49) 1,2-Dinitrobenzene	4.769	168	181062	99.51	ng/uL	99
50) Acenaphthylene	4.804	152	2426568	103.84	ng/uL	100
51) 3-Nitroaniline	4.851	92	609045	99.67	ng/uL	100
52) 2,4-Dinitrophenol	4.928	184	162743	99.78	ng/uL	99
53) Acenaphthene	4.934	153	1565710	103.54	ng/uL	100
54) 4-Nitrophenol	4.951	65	417696	99.71	ng/uL	99
55) 2,4-Dinitrotoluene	5.022	165	500205	99.64	ng/uL	99
56) Dibenzofuran	5.057	168	2030549	102.07	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.110	232	372744	99.33	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.146	232	387776	99.01	ng/uL	100
59) Diethylphthalate	5.193	149	1724622	108.12	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	768463	106.46	ng/uL	99
61) 4-Nitroaniline	5.328	138	490090	99.77	ng/uL	100
62) Fluorene	5.328	166	1663893	103.86	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.346	198	214836	100.00	ng/uL	99
64) n-Nitrosodiphenylamine	5.393	169	1452212	108.14	ng/uL	100
65) Azobenzene	5.434	77	2173959	103.90	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	447986	109.28	ng/uL	99
69) Hexachlorobenzene	5.787	284	497497	104.35	ng/uL	99
70) Pentachlorophenol	5.934	266	306827	98.98	ng/uL	99
71) Phenanthrene	6.122	178	2388013	102.97	ng/uL	99
72) Anthracene	6.163	178	2421797	104.43	ng/uL	99
73) Carbazole	6.287	167	2265621	106.41	ng/uL	100
74) Di-n-butylphthalate	6.557	149	2836370	109.68	ng/uL	100
75) Fluoranthene	7.157	202	2527823	108.57	ng/uL	100
77) Benzidine	7.257	184	1695629	99.18	ng/uL	99
78) Pyrene	7.375	202	2588648	105.85	ng/uL	100
79) Butylbenzylphthalate	7.987	149	1274776	100.52	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	1141591	100.20	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	1821647	100.37	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.663	252	947036	99.72	ng/uL	100
83) Benzo[a]anthracene	8.716	228	2497240	104.87	ng/uL	100
84) Chrysene	8.769	228	2283525	104.57	ng/uL	99
86) Di-n-octylphthalate	9.710	149	2645256	100.17	ng/uL	99
88) Benzo[b]fluoranthene	10.457	252	2297435	98.12	ng/uL	99
89) Benzo[k]fluoranthene	10.510	252	2296998	112.00	ng/uL	99
90) Benzo[a]pyrene	11.098	252	2012818	99.33	ng/uL	99
91) Dibenzo[a,h]anthracene	13.745	278	2116687	98.99	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.686	276	2032467	99.92	ng/uL#	99
93) Benzo[g,h,i]perylene	14.286	276	2102688	99.03	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

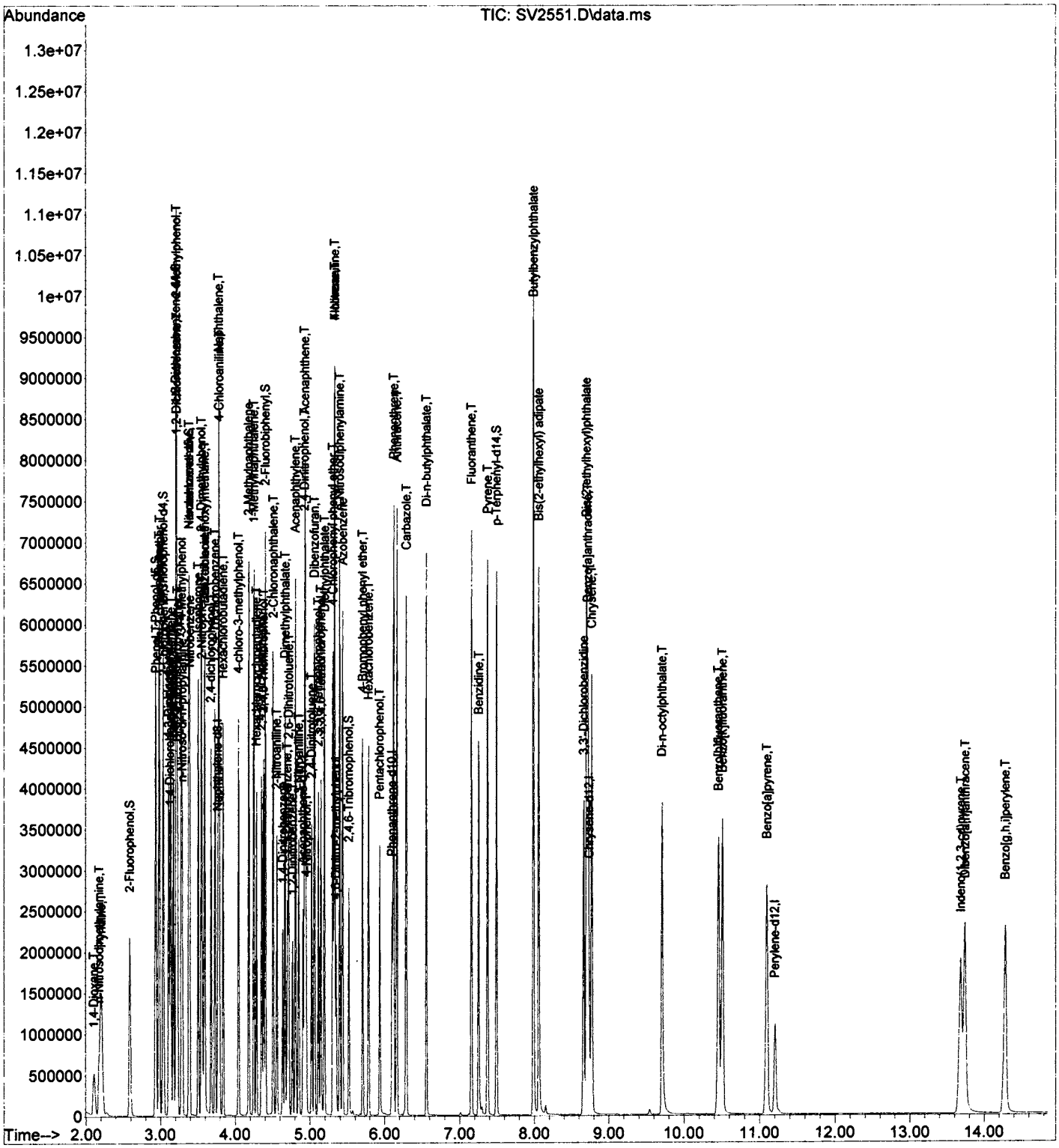
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	228561	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	882660	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	461340	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	805285	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	707455	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	651684	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	1052639	130.27	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 173.69%#			
6) Phenol-d5	2.934	99	1391603	129.38	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 172.51%#			
10) 2-Chlorophenol-d4	3.034	132	980049	129.41	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 172.55%#			
14) 1,2-Dichlorobenzene-d4	3.204	150	1098271	117.98	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 157.31%#			
23) Nitrobenzene-d5	3.387	82	1357246	127.67	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 255.34%#			
42) 2-Fluorobiphenyl	4.404	172	1908212	125.51	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 251.02%#			
68) 2,4,6-Tribromophenol	5.516	330	289356	119.82	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 159.76%#			
85) p-Terphenyl-d14	7.492	244	2301010	129.92	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 259.84%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.110	58	341737	120.58	ng/uL	99
3) n-Nitrosodimethylamine	2.175	74	795897	124.16	ng/uL	99
4) Pyridine	2.205	79	1348696	125.55	ng/uL	100
7) Phenol	2.940	94	1524430	128.35	ng/uL	99
8) Aniline	2.981	93	2982307	122.30	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	958734	120.60	ng/uL	100
11) 2-Chlorophenol	3.040	128	1019194	128.80	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	1081449	121.67	ng/uL	100
13) 1,4-Dichlorobenzene	3.140	146	1074244	120.72	ng/uL	99
15) Benzyl alcohol	3.175	79	1014462	132.03	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	980722	116.43	ng/uL	99
17) 2-Methylphenol	3.210	108	1010225	122.35	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	1324829	115.93	ng/uL	99
19) 3+4-Methylphenol	3.281	107	1168133	129.69	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.293	70	859877	124.58	ng/uL	99
21) Hexachloroethane	3.381	117	455942	128.48	ng/uL	99
22) Nitrobenzene	3.393	123	545689	130.63	ng/uL	98
25) Isophorone	3.504	82	2334472	125.11	ng/uL	100
26) 2,4-Dimethylphenol	3.546	107	1110958	120.76	ng/uL	100
27) 2-Nitrophenol	3.557	139	494727	119.21	ng/uL	98
28) Benzoic acid	3.599	105	765462	118.14	ng/uL	99
29) Bis(2-chloroethoxy)met...	3.593	93	1426343	126.69	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	774017	134.96	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.728	180	830225	125.30	ng/uL	100
32) Naphthalene	3.781	128	2877725	117.90	ng/uL	99
33) 4-Chloroaniline	3.787	65	424865	112.18	ng/uL	99
34) Hexachlorobutadiene	3.840	225	451524	127.40	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	942995	137.00	ng/uL	100
36) 2-Methylnaphthalene	4.187	142	1910111	124.70	ng/uL	100
37) 1-Methylnaphthalene	4.251	142	1761558	124.54	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	514306	119.41	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	562149	119.68	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	561356	119.94	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	1690110	127.28	ng/uL	99
44) 2-Nitroaniline	4.557	138	597380	119.06	ng/uL	99
45) 1,4-Dinitrobenzene	4.640	168	279671	118.19	ng/uL	99
46) Dimethylphthalate	4.669	163	1912745	128.73	ng/uL	100
47) 1,3-Dinitrobenzene	4.704	168	322534	120.07	ng/uL	99
48) 2,6-Dinitrotoluene	4.716	165	448242	120.15	ng/uL	100
49) 1,2-Dinitrobenzene	4.769	168	210815	119.89	ng/uL	99
50) Acenaphthylene	4.804	152	2810318	126.88	ng/uL	100
51) 3-Nitroaniline	4.851	92	708473	119.36	ng/uL	100
52) 2,4-Dinitrophenol	4.928	184	208634	119.64	ng/uL	98
53) Acenaphthene	4.934	153	1802774	125.78	ng/uL	99
54) 4-Nitrophenol	4.951	65	492609	118.31	ng/uL	100
55) 2,4-Dinitrotoluene	5.022	165	586928	119.10	ng/uL	99
56) Dibenzofuran	5.057	168	2359029	125.11	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.110	232	442535	119.28	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.146	232	458196	119.84	ng/uL	100
59) Diethylphthalate	5.193	149	1995064	131.95	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	897720	131.21	ng/uL	99
61) 4-Nitroaniline	5.328	138	568458	118.57	ng/uL	99
62) Fluorene	5.328	166	1923919	126.70	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.351	198	262872	119.02	ng/uL	99
64) n-Nitrosodiphenylamine	5.393	169	1666204	130.90	ng/uL	100
65) Azobenzene	5.434	77	2502996	126.21	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	516655	132.97	ng/uL	99
69) Hexachlorobenzene	5.787	284	587173	130.40	ng/uL	99
70) Pentachlorophenol	5.940	266	368687	120.08	ng/uL	99
71) Phenanthrene	6.122	178	2731982	124.72	ng/uL	99
72) Anthracene	6.163	178	2815992	128.57	ng/uL	99
73) Carbazole	6.287	167	2648873	131.73	ng/uL	100
74) Di-n-butylphthalate	6.557	149	3253354	133.20	ng/uL	99
75) Fluoranthene	7.157	202	2910871	132.37	ng/uL	100
77) Benzidine	7.257	184	2050589	119.27	ng/uL	99
78) Pyrene	7.375	202	2976662	126.99	ng/uL	99
79) Butylbenzylphthalate	7.987	149	1477274	117.97	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	1345291	118.52	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	2123015	118.33	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.663	252	1124595	119.63	ng/uL	100
83) Benzo[a]anthracene	8.716	228	2879120	126.14	ng/uL	99
84) Chrysene	8.775	228	2681194	128.11	ng/uL	99
86) Di-n-octylphthalate	9.710	149	3163343	119.45	ng/uL	99
88) Benzo[b]fluoranthene	10.463	252	2768200	119.74	ng/uL	100
89) Benzo[k]fluoranthene	10.516	252	2626769	134.13	ng/uL	99
90) Benzo[a]pyrene	11.098	252	2377700	118.90	ng/uL	99
91) Dibenzo[a,h]anthracene	13.745	278	2547717	119.78	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.686	276	2392789	118.27	ng/uL#	99
93) Benzo[g,h,i]perylene	14.292	276	2505601	119.69	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

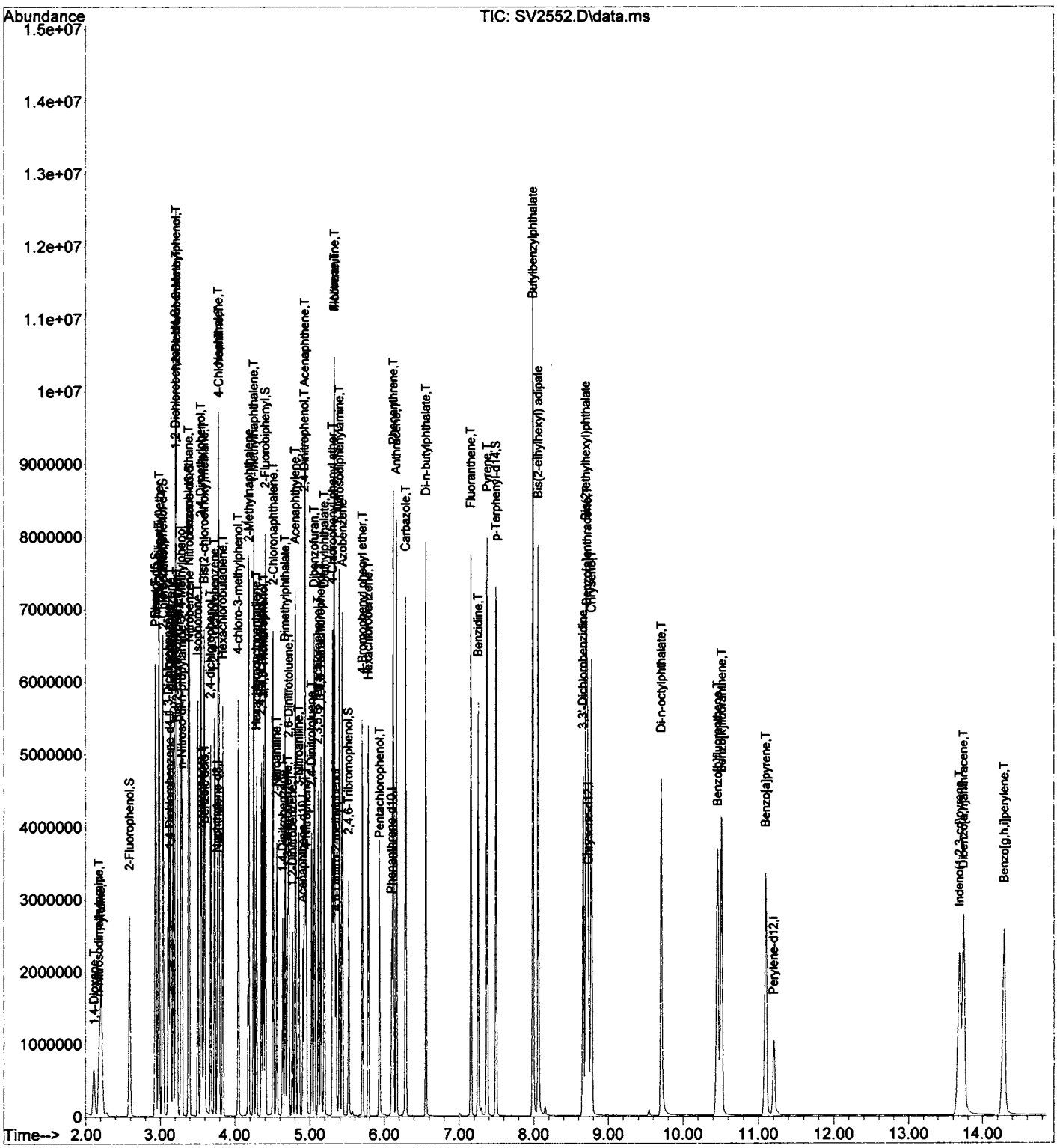
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	267311	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1056965	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	567851	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	980807	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	834712	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	781231	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	379574	40.17	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 53.56%			
6) Phenol-d5	2.934	99	508266	40.40	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 53.87%			
10) 2-Chlorophenol-d4	3.034	132	358760	40.51	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 54.01%			
14) 1,2-Dichlorobenzene-d4	3.204	150	437793	40.21	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 53.61%			
23) Nitrobenzene-d5	3.381	82	521833	41.97	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.94%			
42) 2-Fluorobiphenyl	4.404	172	743187	39.71	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 79.42%			
68) 2,4,6-Tribromophenol	5.516	330	101329	40.71	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 54.28%			
85) p-Terphenyl-d14	7.492	244	860984	41.20	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 82.40%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	127617	38.50	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	309374	41.27	ng/uL	99
4) Pyridine	2.204	79	505298	40.22	ng/uL	99
7) Phenol	2.940	94	586655	42.23	ng/uL	100
8) Aniline	2.981	93	1192239	41.80	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	387305	41.66	ng/uL	98
11) 2-Chlorophenol	3.040	128	390374	42.18	ng/uL	99
12) 1,3-Dichlorobenzene	3.110	146	425155	40.90	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	425726	40.91	ng/uL	98
15) Benzyl alcohol	3.169	79	391688	43.59	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	413752	42.00	ng/uL	99
17) 2-Methylphenol	3.210	108	421092	43.61	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	553377	41.40	ng/uL	99
19) 3+4-Methylphenol	3.275	107	458552	43.53	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	342129	42.38	ng/uL	99
21) Hexachloroethane	3.381	117	175568	42.30	ng/uL	99
22) Nitrobenzene	3.393	123	210762	43.14	ng/uL	97
25) Isophorone	3.504	82	947584	42.41	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	430681	41.28	ng/uL	97
27) 2-Nitrophenol	3.551	139	184509	44.94	ng/uL	95
28) Benzoic acid	3.575	105	236899	46.89	ng/uL	95
29) Bis(2-chloroethoxy)met...	3.593	93	562801	41.75	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	301335	43.88	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	322183	40.61	ng/uL	99
32) Naphthalene	3.781	128	1211531	41.45	ng/uL	98
33) 4-Chloroaniline	3.787	65	176254	38.86	ng/uL	97
34) Hexachlorobutadiene	3.840	225	173618	40.91	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	360200	43.70	ng/uL	100
36) 2-Methylnaphthalene	4.181	142	760976	41.49	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	700539	41.36	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	184089	44.61	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	219577	42.91	ng/uL	97
41) 2,4,5-Trichlorophenol	4.381	196	212677	41.32	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	673426	41.20	ng/uL	99
44) 2-Nitroaniline	4.557	138	228005	43.42	ng/uL	99
45) 1,4-Dinitrobenzene	4.634	168	102268	44.81	ng/uL	98
46) Dimethylphthalate	4.663	163	770552	42.13	ng/uL	99
47) 1,3-Dinitrobenzene	4.698	168	121277	41.91	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	173358	41.05	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	81366	41.20	ng/uL	97
50) Acenaphthylene	4.804	152	1144171	41.97	ng/uL	99
51) 3-Nitroaniline	4.845	92	275160	41.82	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	61921	48.94	ng/uL	100
53) Acenaphthene	4.934	153	734517	41.63	ng/uL	99
54) 4-Nitrophenol	4.945	65	190102	45.35	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	222638	42.70	ng/uL	100
56) Dibenzofuran	5.057	168	957404	41.25	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.110	232	166178	43.40	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.145	232	173614	41.60	ng/uL	100
59) Diethylphthalate	5.187	149	792073	42.56	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	351291	41.71	ng/uL	99
61) 4-Nitroaniline	5.322	138	218248	42.12	ng/uL	97
62) Fluorene	5.322	166	783161	41.90	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	87205	46.60	ng/uL	98
64) n-Nitrosodiphenylamine	5.393	169	661884	42.25	ng/uL	99
65) Azobenzene	5.428	77	1020794	41.82	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.698	248	199702	41.75	ng/uL	99
69) Hexachlorobenzene	5.781	284	224323	40.90	ng/uL	100
70) Pentachlorophenol	5.934	266	132432	43.49	ng/uL	99
71) Phenanthrene	6.116	178	1094920	41.04	ng/uL	100
72) Anthracene	6.163	178	1115678	41.82	ng/uL	100
73) Carbazole	6.287	167	1044457	42.64	ng/uL	99
74) Di-n-butylphthalate	6.557	149	1283131	43.13	ng/uL	99
75) Fluoranthene	7.157	202	1138992	42.53	ng/uL	99
77) Benzidine	7.251	184	662890	40.82	ng/uL	100
78) Pyrene	7.369	202	1176088	42.52	ng/uL	99
79) Butylbenzylphthalate	7.986	149	535321	42.67	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	472961	42.97	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	757222	42.12	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.657	252	384005	40.34	ng/uL	99
83) Benzo[a]anthracene	8.710	228	1132628	42.06	ng/uL	99
84) Chrysene	8.763	228	1037712	42.02	ng/uL	99
86) Di-n-octylphthalate	9.704	149	1038441	42.38	ng/uL	100
88) Benzo[b]fluoranthene	10.445	252	1018490	41.86	ng/uL	100
89) Benzo[k]fluoranthene	10.498	252	995239	42.39	ng/uL	99
90) Benzo[a]pyrene	11.086	252	867600	41.69	ng/uL	100
91) Dibenzo[a,h]anthracene	13.727	278	898572	41.69	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.668	276	850803	42.32	ng/uL#	98
93) Benzo[g,h,i]perylene	14.263	276	907695	41.27	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

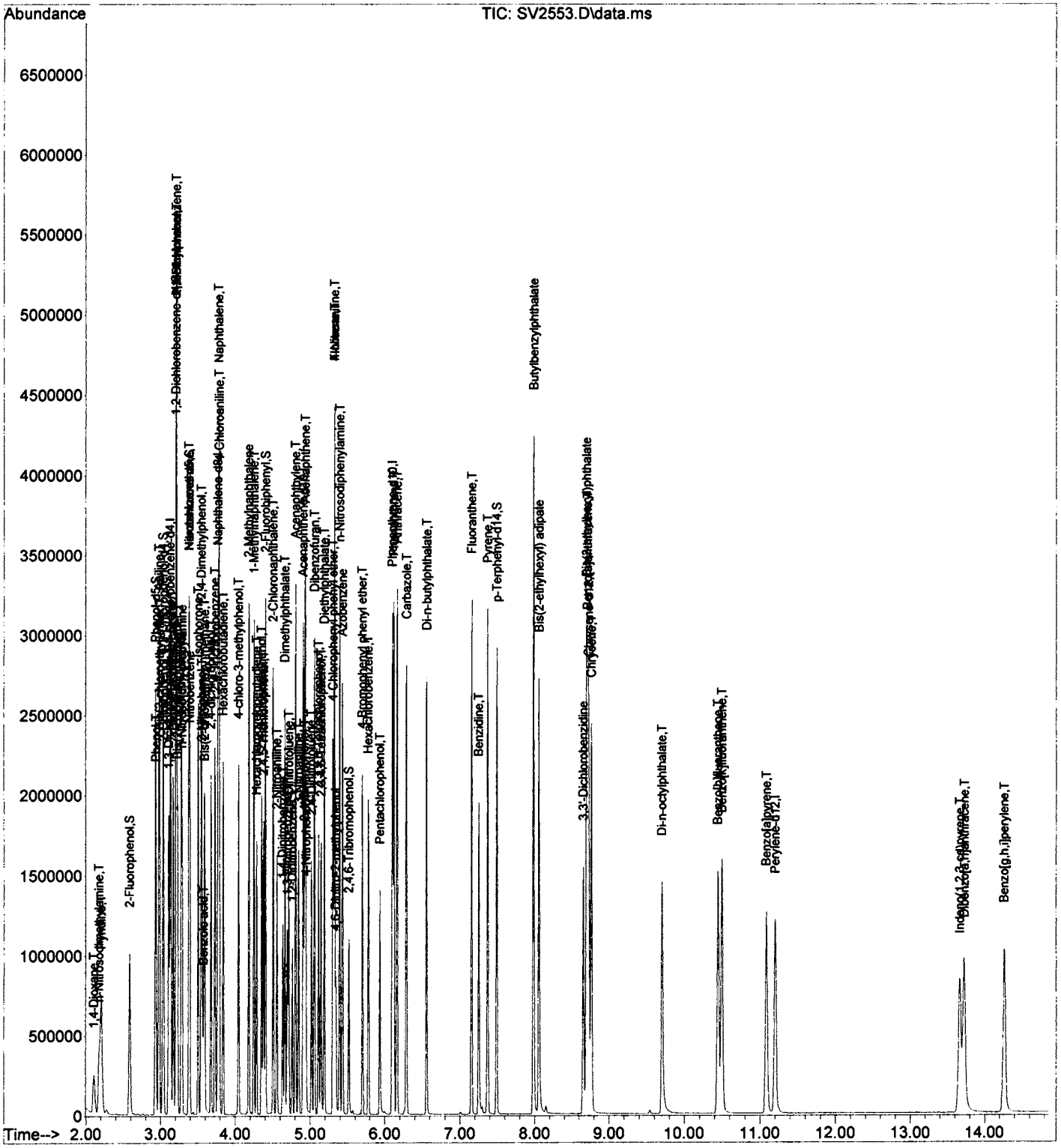
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



GCMS Tune Review

AnalRunID: SV220227-444

Level:	Low
Column:	Cap
Injection Date:	02/27/2022
Injection Time:	8:12
Lab File ID:	SV2532
Matrix:	
Instrument ID:	HPSV4

% Relative Abundance

Volatiles

50RelAbd:		174RelAbd:	
75RelAbd:		175RelAbd:	
95RelAbd:		176RelAbd:	
96RelAbd:		177RelAbd:	
173RelAbd:			

Semi-Volatiles

51RelAbd:	61.7	199RelAbd:	6.9
68RelAbd:	1.6	275RelAbd:	22.9
69RelAbd:	65.6	365RelAbd:	3.6
70RelAbd:	0.5	441RelAbd:	78.4
127RelAbd:	64.5	442RelAbd:	90.3
197RelAbd:	0.5	443RelAbd:	19.4
198RelAbd:	100		

LabID:	QCTyp:	LabFileID:	AnalDate:	AnalTime:	QCBatchID:	RR:
0.05PPM_SIMPAH	CSTD	SV2535	2/27/2022	9:25:00 AM	SV220227-444	0
0.1PPM_SIMPAH	CSTD	SV2536	2/27/2022	9:43:00 AM	SV220227-444	0
0.5PPM_SIMPAH	CSTD	SV2537	2/27/2022	10:01:00 AM	SV220227-444	0
1PPM_SIMPAH	CSTD	SV2538	2/27/2022	10:18:00 AM	SV220227-444	0
2PPM_SIMPAH	CSTD	SV2539	2/27/2022	10:36:00 AM	SV220227-444	0
5PPM_SIMPAH	CSTD	SV2540	2/27/2022	10:54:00 AM	SV220227-444	0
10PPM_SIMPAH	CSTD	SV2541	2/27/2022	11:11:00 AM	SV220227-444	0
5PPM_SIMPAH	ICV	SV2543	2/27/2022	11:47:00 AM	SV220227-444	0
1PPM_8270_ICAL	CSTD	SV2545	2/27/2022	12:23:00 PM	SV220227-444	0
5PPM_8270_ICAL	CSTD	SV2546	2/27/2022	12:41:00 PM	SV220227-444	0
10PPM_8270_ICAL	CSTD	SV2547	2/27/2022	12:58:00 PM	SV220227-444	0
20PPM_8270_ICAL	CSTD	SV2548	2/27/2022	1:16:00 PM	SV220227-444	0
40PPM_8270_ICAL	CSTD	SV2549	2/27/2022	1:34:00 PM	SV220227-444	0
80PPM_8270_ICAL	CSTD	SV2550	2/27/2022	1:52:00 PM	SV220227-444	0
100PPM_8270_ICAL	CSTD	SV2551	2/27/2022	2:10:00 PM	SV220227-444	0
120PPM_8270_ICAL	CSTD	SV2552	2/27/2022	2:28:00 PM	SV220227-444	0
40PPM_8270_ICV	ICV	SV2553	2/27/2022	2:45:00 PM	SV220227-444	0

GCMS Tune Review

AnalRunID: SV220306-4

Level: Low
Column: Cap
Injection Date:
Injection Time:
Lab File ID:
Matrix:
Instrument ID: HPSV4

% Relative Abundance

Volatiles				Semi-Volatiles			
50RelAbd:		174RelAbd:		51RelAbd:		199RelAbd:	
75RelAbd:		175RelAbd:		68RelAbd:		275RelAbd:	
95RelAbd:		176RelAbd:		69RelAbd:		365RelAbd:	
96RelAbd:		177RelAbd:		70RelAbd:		441RelAbd:	
173RelAbd:				127RelAbd:		442RelAbd:	
				197RelAbd:		443RelAbd:	
				198RelAbd:			

LabID:	QCTyp:	LabFileID:	AnalDate:	AnalTime:	QCBatchID:	RR:
2202436-15	SMP	SV2794	3/7/2022	12:11:00 AM	ex220302-1-1	0
2202436-16	SMP	SV2795	3/7/2022	12:33:00 AM	ex220302-1-1	0
2202436-2	SMP	SV2796	3/7/2022	12:50:00 AM	ex220302-1-1	0
2202436-3	SMP	SV2797	3/7/2022	1:08:00 AM	ex220302-1-1	0
2202436-4	SMP	SV2798	3/7/2022	1:26:00 AM	ex220302-1-1	0
2202436-7	SMP	SV2799	3/7/2022	1:44:00 AM	ex220302-1-1	0
2202436-8	SMP	SV2800	3/7/2022	2:02:00 AM	ex220302-1-1	0
SV220306-4CCV1	CCV	SV2778	3/6/2022	6:39:00 PM	SV220306-4	0
ex220302-1	MB	SV2779	3/6/2022	6:57:00 PM	ex220302-1-1	0
ex220302-1	LCS	SV2780	3/6/2022	7:15:00 PM	ex220302-1-1	0
EX220303-2	MB	SV2781	3/6/2022	7:33:00 PM	EX220303-2-1	0
EX220303-2	LCS	SV2782	3/6/2022	7:51:00 PM	EX220303-2-1	0
2202436-1	SMP	SV2784	3/6/2022	8:28:00 PM	ex220302-1-1	0
2202436-1	MS	SV2785	3/6/2022	8:45:00 PM	ex220302-1-1	0
2202436-1	MSD	SV2786	3/6/2022	9:03:00 PM	ex220302-1-1	0
2202436-9	SMP	SV2787	3/6/2022	9:21:00 PM	ex220302-1-1	0
2202436-11	SMP	SV2788	3/6/2022	9:39:00 PM	ex220302-1-1	0
2202436-12	SMP	SV2789	3/6/2022	9:57:00 PM	ex220302-1-1	0
2202436-13	SMP	SV2790	3/6/2022	10:15:00 PM	ex220302-1-1	0
2202436-14	SMP	SV2793	3/6/2022	11:53:00 PM	ex220302-1-1	0

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.175	152	286238	40.00	ng/uL	0.00
24) Naphthalene-d8	3.840	136	1173157	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.975	164	606535	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.151	188	1043456	40.00	ng/uL	0.00
76) Chrysene-d12	8.781	240	870508	40.00	ng/uL	0.00
87) Perylene-d12	11.269	264	862745	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.616	112	448706	44.34	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 59.12%			
6) Phenol-d5	2.981	99	613296	45.53	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 60.71%			
10) 2-Chlorophenol-d4	3.075	132	411216	43.36	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 57.81%			
14) 1,2-Dichlorobenzene-d4	3.257	150	473576	40.62	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 54.16%			
23) Nitrobenzene-d5	3.440	82	600882	45.13	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 90.26%			
42) 2-Fluorobiphenyl	4.481	172	810021	40.53	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 81.06%			
68) 2,4,6-Tribromophenol	5.575	330	124651	46.46	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 61.95%			
85) p-Terphenyl-d14	7.534	244	931425	42.74	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 85.48%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.110	58	138535	39.03	ng/uL	100
3) n-Nitrosodimethylamine	2.187	74	329863	41.09	ng/uL	100
4) Pyridine	2.222	79	552278	41.05	ng/uL	100
7) Phenol	2.987	94	650317	43.72	ng/uL	100
8) Aniline	3.022	93	1311711	42.95	ng/uL#	86
9) Bis(2-chloroethyl)ether	3.022	63	416118	41.80	ng/uL	100
11) 2-Chlorophenol	3.081	128	428749	43.27	ng/uL	100
12) 1,3-Dichlorobenzene	3.152	146	449044	40.34	ng/uL	100
13) 1,4-Dichlorobenzene	3.181	146	429454	38.54	ng/uL	93
15) Benzyl alcohol	3.222	79	420499	43.70	ng/uL	100
16) 1,2-Dichlorobenzene	3.263	146	425408	40.33	ng/uL#	78
17) 2-Methylphenol	3.269	108	456667	44.16	ng/uL	92
18) Bis(2-chloroisopropyl)...	3.275	45	578059	40.39	ng/uL	100
19) 3+4-Methylphenol	3.340	107	511207	45.32	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.340	70	374708	43.35	ng/uL#	10
21) Hexachloroethane	3.434	117	194914	43.86	ng/uL	100
22) Nitrobenzene	3.452	123	229631	43.89	ng/uL	100
25) Isophorone	3.563	82	1043193	42.06	ng/uL	100
26) 2,4-Dimethylphenol	3.616	107	472412	40.81	ng/uL	100
27) 2-Nitrophenol	3.616	139	219914	47.84	ng/uL	100
28) Benzoic acid	3.652	105	331359	55.45	ng/uL	98
29) Bis(2-chloroethoxy)met...	3.657	93	632864	42.29	ng/uL	100
30) 2,4-dichlorophenol	3.746	162	319556	41.92	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.799	180	333077	37.82	ng/uL	100
32) Naphthalene	3.852	128	1275786	39.33	ng/uL#	41
33) 4-Chloroaniline	3.857	65	184402	36.63	ng/uL	100
34) Hexachlorobutadiene	3.910	225	173863	36.91	ng/uL#	1

m 3/11/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.134	107	404097	44.17	ng/uL	100
36) 2-Methylnaphthalene	4.257	142	812840	39.93	ng/uL#	1
37) 1-Methylnaphthalene	4.322	142	753201	40.06	ng/uL	96
39) Hexachlorocyclopentadiene	4.363	237	158684	37.11	ng/uL	100
40) 2,4,6-Trichlorophenol	4.434	196	223869	41.10	ng/uL#	100
41) 2,4,5-Trichlorophenol	4.463	196	229236	41.67	ng/uL	96
43) 2-Chloronaphthalene	4.581	162	720532	41.27	ng/uL	100
44) 2-Nitroaniline	4.640	138	262781	46.49	ng/uL	100
45) 1,4-Dinitrobenzene	4.710	168	117729	47.74	ng/uL#	100
46) Dimethylphthalate	4.740	163	823859	42.17	ng/uL	100
47) 1,3-Dinitrobenzene	4.769	168	135313	43.60	ng/uL#	66
48) 2,6-Dinitrotoluene	4.787	165	186483	41.33	ng/uL	100
49) 1,2-Dinitrobenzene	4.840	168	89932	42.53	ng/uL#	66
50) Acenaphthylene	4.875	152	1211210	41.59	ng/uL	100
51) 3-Nitroaniline	4.922	92	295075	41.98	ng/uL	100
52) 2,4-Dinitrophenol	4.993	184	63798	47.78	ng/uL	100
53) Acenaphthene	4.999	153	783612	41.58	ng/uL	100
54) 4-Nitrophenol	5.040	65	196352	44.03	ng/uL	100
55) 2,4-Dinitrotoluene	5.087	165	243585	43.64	ng/uL	100
56) Dibenzofuran	5.122	168	992772	40.05	ng/uL	100
57) 2,3,5,6-Tetrachlorophenol	5.181	232	179156	43.76	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.216	232	180814	40.64	ng/uL	97
59) Diethylphthalate	5.251	149	855441	43.03	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.363	204	358079	39.81	ng/uL	100
61) 4-Nitroaniline	5.387	138	233468	42.18	ng/uL	100
62) Fluorene	5.387	166	827286	41.44	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.404	198	95838	47.61	ng/uL	99
64) n-Nitrosodiphenylamine	5.457	169	697320	41.67	ng/uL	100
65) Azobenzene	5.493	77	1126326	43.20	ng/uL	100
66) 4-Bromophenyl phenyl e...	5.757	248	207955	40.71	ng/uL	100
69) Hexachlorobenzene	5.840	284	234328	40.16	ng/uL	100
70) Pentachlorophenol	5.993	266	136306	42.27	ng/uL	100
71) Phenanthrene	6.169	178	1166970	41.11	ng/uL	100
72) Anthracene	6.210	178	1197861	42.21	ng/uL	100
73) Carbazole	6.340	167	1119295	42.96	ng/uL	100
74) Di-n-butylphthalate	6.598	149	1456819	46.03	ng/uL	100
75) Fluoranthene	7.198	202	1199381	42.09	ng/uL	100
77) Benzidine	7.298	184	585211	35.37	ng/uL	100
78) Pyrene	7.416	202	1229232	42.62	ng/uL	100
79) Butylbenzylphthalate	8.028	149	650694	48.76	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.098	129	600097	50.81	ng/uL#	83
81) Bis(2-ethylhexyl)phtha...	8.739	149	908758	47.64	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.704	252	398337	40.15	ng/uL	100
83) Benzo[a]anthracene	8.763	228	1127580	40.15	ng/uL	100
84) Chrysene	8.816	228	1050505	40.79	ng/uL	98
86) Di-n-octylphthalate	9.751	149	1461073	54.07	ng/uL	100
88) Benzo[b]fluoranthene	10.510	252	1054311	39.43	ng/uL	100
89) Benzo[k]fluoranthene	10.557	252	1041807	40.18	ng/uL	98
90) Benzo[a]pyrene	11.151	252	917738	40.07	ng/uL	100
91) Dibenzo[a,h]anthracene	13.798	278	961413	40.51	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.745	276	933939	42.09	ng/uL#	100
93) Benzo[g,h,i]perylene	14.333	276	974003	40.19	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration

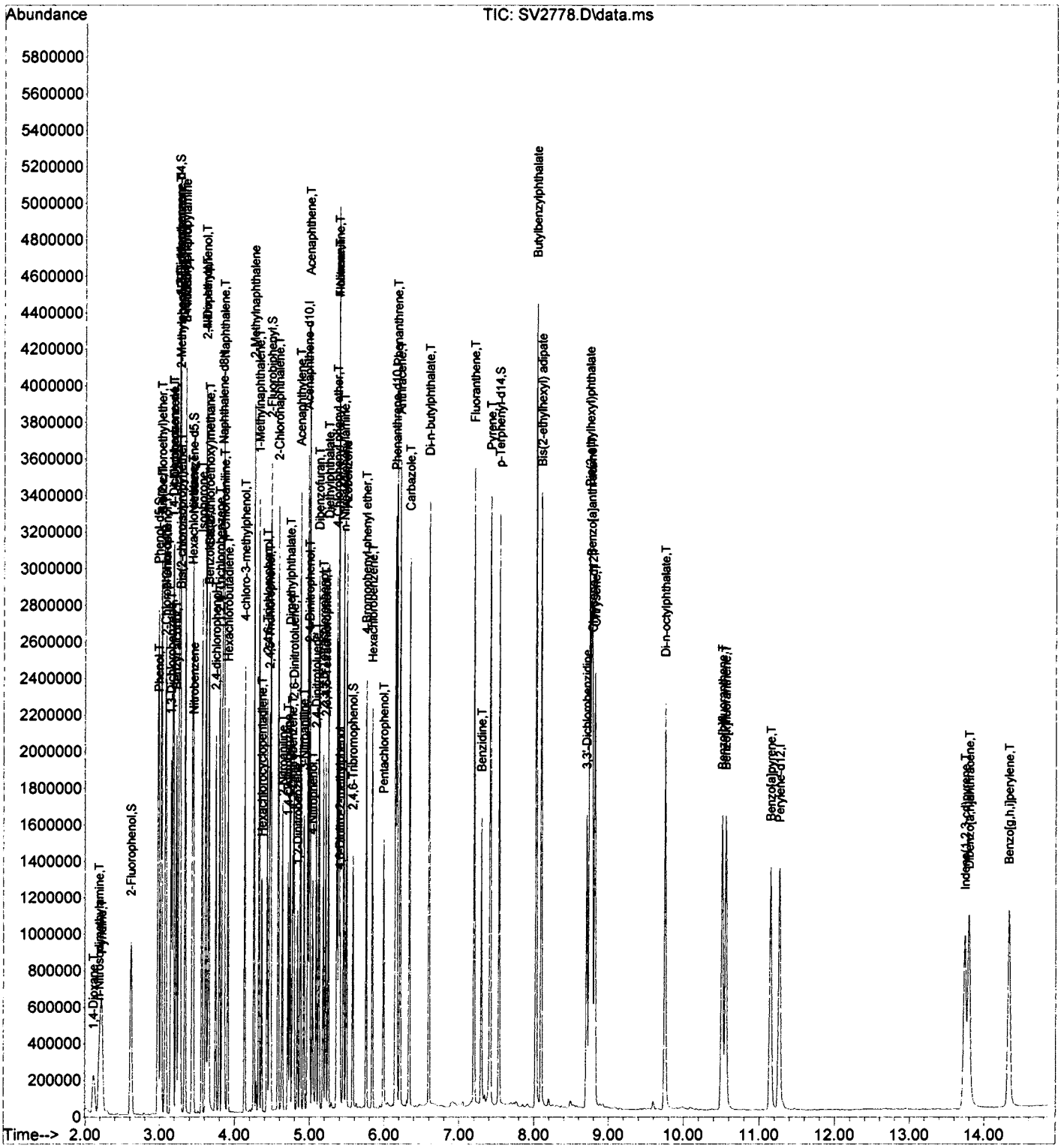
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	300466	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1219823	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.916	164	638444	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1095704	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	922804	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	951885	40.00	ng/uL	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	473748	44.60	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 59.47%			
6) Phenol-d5	2.946	99	647266	45.78	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 61.04%			
10) 2-Chlorophenol-d4	3.040	132	434655	43.66	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 58.21%			
14) 1,2-Dichlorobenzene-d4	3.210	150	495106	40.46	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 53.95%			
23) Nitrobenzene-d5	3.393	82	646692	46.27	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 92.54%			
42) 2-Fluorobiphenyl	4.410	172	846070	40.21	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.42%			
68) 2,4,6-Tribromophenol	5.528	330	129105	45.88	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 61.17%			
85) p-Terphenyl-d14	7.498	244	977352	42.31	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 84.62%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	153029	41.07	ng/uL	98
3) n-Nitrosodimethylamine	2.175	74	359877	42.71	ng/uL	99
4) Pyridine	2.204	79	593779	42.05	ng/uL	97
7) Phenol	2.951	94	690995	44.26	ng/uL	98
8) Aniline	2.987	93	1407348	43.90	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	446970	42.77	ng/uL	99
11) 2-Chlorophenol	3.046	128	453155	43.56	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	466064	39.89	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	455095	38.90	ng/uL	98
15) Benzyl alcohol	3.181	79	463042	45.84	ng/uL	98
16) 1,2-Dichlorobenzene	3.216	146	442873	40.00	ng/uL	99
17) 2-Methylphenol	3.222	108	477812	44.02	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.234	45	645494	42.97	ng/uL	98
19) 3+4-Methylphenol	3.293	107	545233	46.05	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.293	70	413823	45.61	ng/uL	99
21) Hexachloroethane	3.387	117	206819	44.33	ng/uL	99
22) Nitrobenzene	3.399	123	243846	44.40	ng/uL	99
25) Isophorone	3.510	82	1123523	43.57	ng/uL	99
26) 2,4-Dimethylphenol	3.557	107	496583	41.24	ng/uL	97
27) 2-Nitrophenol	3.563	139	238765	49.68	ng/uL	98
28) Benzoic acid	3.599	105	416203	63.40	ng/uL	96
29) Bis(2-chloroethoxy)met...	3.599	93	675373	43.41	ng/uL	99
30) 2,4-dichlorophenol	3.693	162	336072	42.40	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.740	180	344577	37.63	ng/uL	99
32) Naphthalene	3.787	128	1349722	40.01	ng/uL	100
33) 4-Chloroaniline	3.798	65	206340	39.42	ng/uL	93
34) Hexachlorobutadiene	3.846	225	178572	36.46	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.069	107	435980	45.83	ng/uL	99
36) 2-Methylnaphthalene	4.193	142	861825	40.71	ng/uL	99
37) 1-Methylnaphthalene	4.257	142	791619	40.50	ng/uL	99
39) Hexachlorocyclopentadiene	4.293	237	203747	44.02	ng/uL	99
40) 2,4,6-Trichlorophenol	4.369	196	229716	40.14	ng/uL	97
41) 2,4,5-Trichlorophenol	4.398	196	244579	42.20	ng/uL	99
43) 2-Chloronaphthalene	4.516	162	753212	40.99	ng/uL	100
44) 2-Nitroaniline	4.569	138	284487	47.68	ng/uL	98
45) 1,4-Dinitrobenzene	4.646	168	127227	48.81	ng/uL	96
46) Dimethylphthalate	4.675	163	876702	42.64	ng/uL	98
47) 1,3-Dinitrobenzene	4.710	168	145446	44.44	ng/uL	98
48) 2,6-Dinitrotoluene	4.728	165	199450	41.95	ng/uL	98
49) 1,2-Dinitrobenzene	4.775	168	97532	43.73	ng/uL	98
50) Acenaphthylene	4.816	152	1297686	42.34	ng/uL	100
51) 3-Nitroaniline	4.863	92	336342	45.23	ng/uL	99
52) 2,4-Dinitrophenol	4.934	184	102941	63.22	ng/uL	99
53) Acenaphthene	4.940	153	828475	41.77	ng/uL	98
54) 4-Nitrophenol	4.981	65	222251	46.93	ng/uL	98
55) 2,4-Dinitrotoluene	5.028	165	265921	45.10	ng/uL	99
56) Dibenzofuran	5.063	168	1046043	40.09	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.128	232	189554	43.96	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.157	232	191452	40.86	ng/uL	99
59) Diethylphthalate	5.193	149	917380	43.84	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.310	204	373252	39.42	ng/uL	99
61) 4-Nitroaniline	5.334	138	260935	44.57	ng/uL	96
62) Fluorene	5.334	166	873006	41.54	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.351	198	130110	57.54	ng/uL	98
64) n-Nitrosodiphenylamine	5.398	169	745509	42.32	ng/uL	99
65) Azobenzene	5.440	77	1227402	44.72	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.710	248	217667	40.48	ng/uL	99
69) Hexachlorobenzene	5.792	284	242089	39.51	ng/uL	99
70) Pentachlorophenol	5.945	266	140819	41.69	ng/uL	99
71) Phenanthrene	6.128	178	1231870	41.33	ng/uL	100
72) Anthracene	6.169	178	1279124	42.92	ng/uL	100
73) Carbazole	6.298	167	1205161	44.05	ng/uL	100
74) Di-n-butylphthalate	6.557	149	1559433	46.92	ng/uL	100
75) Fluoranthene	7.163	202	1286896	43.01	ng/uL	100
77) Benzidine	7.263	184	884085	47.93	ng/uL	99
78) Pyrene	7.381	202	1310774	42.87	ng/uL	100
79) Butylbenzylphthalate	7.986	149	710759	50.05	ng/uL	98
80) Bis(2-ethylhexyl) adipate	8.057	129	659201	52.37	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	992027	48.88	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.669	252	483893	45.36	ng/uL	99
83) Benzo[a]anthracene	8.722	228	1217573	40.90	ng/uL	100
84) Chrysene	8.775	228	1117634	40.94	ng/uL	100
86) Di-n-octylphthalate	9.704	149	1662930	57.31	ng/uL	99
88) Benzo[b]fluoranthene	10.463	252	1183227	40.06	ng/uL	99
89) Benzo[k]fluoranthene	10.516	252	1124549	39.31	ng/uL	99
90) Benzo[a]pyrene	11.104	252	1041592	41.13	ng/uL	99
91) Dibenzo[a,h]anthracene	13.745	278	1106822	42.10	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.692	276	1112063	45.04	ng/uL#	99
93) Benzo[g,h,i]perylene	14.292	276	1113796	41.54	ng/uL	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

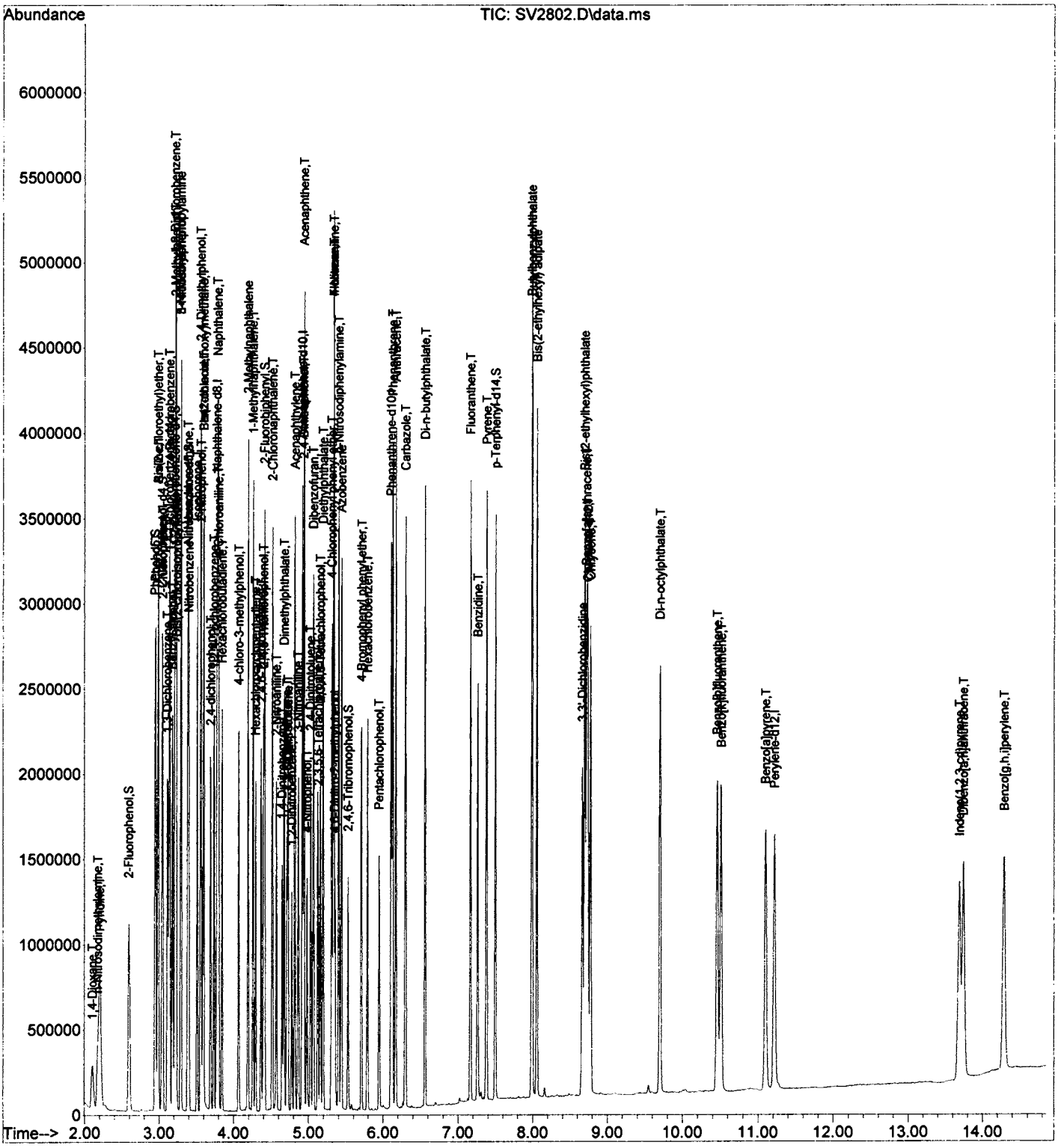
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	250050	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1023569	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	537311	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	936555	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	807498	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	823053	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	394532	44.63	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 59.51%			
6) Phenol-d5	2.940	99	538819	45.79	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 61.05%			
10) 2-Chlorophenol-d4	3.034	132	360546	43.52	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 58.03%			
14) 1,2-Dichlorobenzene-d4	3.204	150	415136	40.76	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 54.35%			
23) Nitrobenzene-d5	3.387	82	537026	46.17	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 92.34%			
42) 2-Fluorobiphenyl	4.404	172	717635	40.53	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 81.06%			
68) 2,4,6-Tribromophenol	5.522	330	108404	45.15	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 60.20%			
85) p-Terphenyl-d14	7.492	244	841485	41.63	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 83.26%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	126194	40.70	ng/uL	98
3) n-Nitrosodimethylamine	2.175	74	298846	42.61	ng/uL	99
4) Pyridine	2.204	79	493994	42.03	ng/uL	98
7) Phenol	2.946	94	570917	43.94	ng/uL	98
8) Aniline	2.981	93	1172417	43.95	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	371226	42.68	ng/uL	100
11) 2-Chlorophenol	3.040	128	376554	43.50	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	387138	39.81	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	386955	39.75	ng/uL	98
15) Benzyl alcohol	3.175	79	381483	45.38	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	372079	40.38	ng/uL	99
17) 2-Methylphenol	3.216	108	401727	44.47	ng/uL	99
18) Bis(2-chloroisopropyl)...	3.228	45	528779	42.29	ng/uL	99
19) 3+4-Methylphenol	3.287	107	449510	45.62	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	344714	45.65	ng/uL	99
21) Hexachloroethane	3.381	117	172384	44.40	ng/uL	98
22) Nitrobenzene	3.393	123	200876	43.95	ng/uL	98
25) Isophorone	3.504	82	941856	43.53	ng/uL	100
26) 2,4-Dimethylphenol	3.551	107	413975	40.98	ng/uL	98
27) 2-Nitrophenol	3.557	139	197597	49.09	ng/uL	98
28) Benzoic acid	3.593	105	350157	63.51	ng/uL	95
29) Bis(2-chloroethoxy)met...	3.593	93	565990	43.35	ng/uL	99
30) 2,4-dichlorophenol	3.687	162	279681	42.05	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.734	180	287539	37.42	ng/uL	99
32) Naphthalene	3.781	128	1128113	39.86	ng/uL	99
33) 4-Chloroaniline	3.793	65	172815	39.35	ng/uL	94
34) Hexachlorobutadiene	3.840	225	148657	36.17	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.063	107	365905	45.84	ng/uL	99
36) 2-Methylnaphthalene	4.187	142	723440	40.73	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	666006	40.60	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	168678	43.41	ng/uL	98
40) 2,4,6-Trichlorophenol	4.363	196	193564	40.19	ng/uL	98
41) 2,4,5-Trichlorophenol	4.393	196	205250	42.09	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	633903	40.99	ng/uL	100
44) 2-Nitroaniline	4.563	138	239288	47.66	ng/uL	98
45) 1,4-Dinitrobenzene	4.640	168	108791	49.47	ng/uL	97
46) Dimethylphthalate	4.669	163	736029	42.53	ng/uL	98
47) 1,3-Dinitrobenzene	4.704	168	123654	44.84	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	169809	42.41	ng/uL	99
49) 1,2-Dinitrobenzene	4.769	168	81721	43.55	ng/uL	97
50) Acenaphthylene	4.810	152	1095909	42.48	ng/uL	99
51) 3-Nitroaniline	4.857	92	284896	45.50	ng/uL	99
52) 2,4-Dinitrophenol	4.928	184	91689	65.57	ng/uL	99
53) Acenaphthene	4.934	153	704456	42.20	ng/uL	98
54) 4-Nitrophenol	4.975	65	187373	47.00	ng/uL	99
55) 2,4-Dinitrotoluene	5.022	165	224236	45.18	ng/uL	99
56) Dibenzofuran	5.057	168	895071	40.76	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.122	232	158495	43.71	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	161865	41.04	ng/uL	99
59) Diethylphthalate	5.187	149	781376	44.37	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.304	204	315315	39.57	ng/uL	98
61) 4-Nitroaniline	5.328	138	224680	45.52	ng/uL	98
62) Fluorene	5.328	166	747184	42.25	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.351	198	112054	58.53	ng/uL	98
64) n-Nitrosodiphenylamine	5.393	169	634050	42.77	ng/uL	99
65) Azobenzene	5.434	77	1035893	44.85	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	182172	40.25	ng/uL	97
69) Hexachlorobenzene	5.787	284	206771	39.48	ng/uL	99
70) Pentachlorophenol	5.940	266	120446	41.71	ng/uL	99
71) Phenanthrene	6.122	178	1059749	41.60	ng/uL	100
72) Anthracene	6.163	178	1086550	42.66	ng/uL	100
73) Carbazole	6.292	167	1035937	44.30	ng/uL	100
74) Di-n-butylphthalate	6.551	149	1321702	46.53	ng/uL	100
75) Fluoranthene	7.157	202	1107626	43.31	ng/uL	99
77) Benzidine	7.251	184	769064	47.69	ng/uL	99
78) Pyrene	7.369	202	1126370	42.10	ng/uL	100
79) Butylbenzylphthalate	7.975	149	611237	49.29	ng/uL	98
80) Bis(2-ethylhexyl) adipate	8.045	129	560145	51.08	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.686	149	849781	47.97	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.657	252	415126	44.57	ng/uL	99
83) Benzo[a]anthracene	8.710	228	1053975	40.46	ng/uL	100
84) Chrysene	8.763	228	981586	41.09	ng/uL	100
86) Di-n-octylphthalate	9.686	149	1435087	56.66	ng/uL	99
88) Benzo[b]fluoranthene	10.451	252	1013417	39.71	ng/uL	99
89) Benzo[k]fluoranthene	10.498	252	975305	39.43	ng/uL	99
90) Benzo[a]pyrene	11.086	252	895520	40.91	ng/uL	99
91) Dibenzo[a,h]anthracene	13.727	278	956647	42.09	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.674	276	949649	44.54	ng/uL#	96
93) Benzo[g,h,i]perylene	14.274	276	970359	41.83	ng/uL	98

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

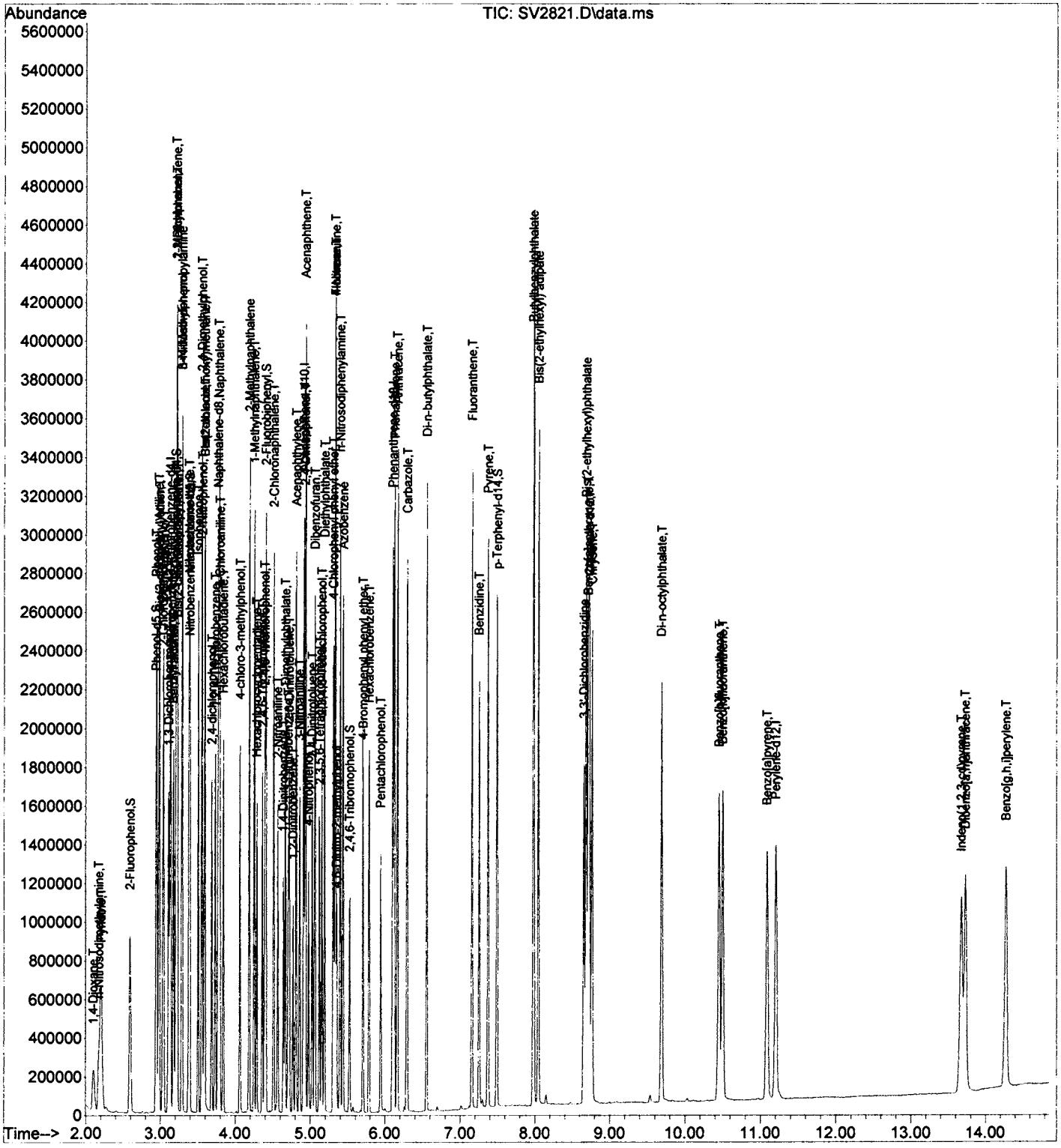
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.146	152	289177	40.00	ng/uL	0.00
24) Naphthalene-d8	3.804	136	1133866	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.946	164	598542	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.122	188	1047871	40.00	ng/uL	0.00
76) Chrysene-d12	8.745	240	934698	40.00	ng/uL	0.00
87) Perylene-d12	11.227	264	898919	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	440116	43.05	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 57.40%			
6) Phenol-d5	2.957	99	607747	44.66	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 59.55%			
10) 2-Chlorophenol-d4	3.052	132	410487	42.84	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 57.12%			
14) 1,2-Dichlorobenzene-d4	3.228	150	480091	40.76	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 54.35%			
23) Nitrobenzene-d5	3.410	82	609980	45.35	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 90.70%			
42) 2-Fluorobiphenyl	4.446	172	823645	41.76	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.52%			
68) 2,4,6-Tribromophenol	5.551	330	129873	48.03	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 64.04%			
85) p-Terphenyl-d14	7.504	244	977927	41.79	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 83.58%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.093	58	141445	39.45	ng/uL	100
3) n-Nitrosodimethylamine	2.163	74	338688	41.76	ng/uL	100
4) Pyridine	2.193	79	558441	41.09	ng/uL	100
7) Phenol	2.963	94	654227	43.54	ng/uL	100
8) Aniline	2.999	93	1301947	42.20	ng/uL#	100
9) Bis(2-chloroethyl)ether	2.999	63	422027	41.96	ng/uL	100
11) 2-Chlorophenol	3.057	128	433205	43.27	ng/uL	100
12) 1,3-Dichlorobenzene	3.128	146	449151	39.94	ng/uL	100
13) 1,4-Dichlorobenzene	3.157	146	452022	40.15	ng/uL	97
15) Benzyl alcohol	3.199	79	417525	42.95	ng/uL	100
16) 1,2-Dichlorobenzene	3.234	146	431449	40.49	ng/uL#	100
17) 2-Methylphenol	3.246	108	444699	42.57	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.252	45	586208	40.54	ng/uL	100
19) 3+4-Methylphenol	3.316	107	495568	43.49	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.316	70	384059	43.98	ng/uL#	10
21) Hexachloroethane	3.404	117	199852	44.51	ng/uL	100
22) Nitrobenzene	3.422	123	225880	42.74	ng/uL	100
25) Isophorone	3.534	82	1036297	43.23	ng/uL	100
26) 2,4-Dimethylphenol	3.587	107	459564	41.07	ng/uL	100
27) 2-Nitrophenol	3.587	139	216445	48.61	ng/uL	100
28) Benzoic acid	3.634	105	328722	56.50	ng/uL	98
29) Bis(2-chloroethoxy)met...	3.622	93	617887	42.72	ng/uL	100
30) 2,4-dichlorophenol	3.716	162	314899	42.74	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.763	180	336969	39.59	ng/uL	100
32) Naphthalene	3.816	128	1277605	40.75	ng/uL#	41
33) 4-Chloroaniline	3.828	65	190456	39.15	ng/uL	100
34) Hexachlorobutadiene	3.875	225	179924	39.52	ng/uL#	1

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.104	107	394944	44.67	ng/uL	100
36) 2-Methylnaphthalene	4.222	142	829799	42.17	ng/uL#	1
37) 1-Methylnaphthalene	4.293	142	765769	42.14	ng/uL	97
39) Hexachlorocyclopentadiene	4.328	237	188896	43.60	ng/uL	100
40) 2,4,6-Trichlorophenol	4.399	196	215149	40.11	ng/uL#	100
41) 2,4,5-Trichlorophenol	4.434	196	232124	42.69	ng/uL	95
43) 2-Chloronaphthalene	4.546	162	706884	41.03	ng/uL	100
44) 2-Nitroaniline	4.604	138	259062	46.45	ng/uL	100
45) 1,4-Dinitrobenzene	4.681	168	120165	49.12	ng/uL#	100
46) Dimethylphthalate	4.704	163	806823	41.85	ng/uL	100
47) 1,3-Dinitrobenzene	4.740	168	139552	45.38	ng/uL#	71
48) 2,6-Dinitrotoluene	4.757	165	189457	42.47	ng/uL	100
49) 1,2-Dinitrobenzene	4.804	168	92119	44.04	ng/uL#	67
50) Acenaphthylene	4.846	152	1209415	42.09	ng/uL	100
51) 3-Nitroaniline	4.893	92	311098	44.66	ng/uL	100
52) 2,4-Dinitrophenol	4.963	184	76319	54.27	ng/uL	99
53) Acenaphthene	4.969	153	799349	42.99	ng/uL	100
54) 4-Nitrophenol	5.016	65	200284	45.33	ng/uL	100
55) 2,4-Dinitrotoluene	5.057	165	249977	45.21	ng/uL	100
56) Dibenzofuran	5.093	168	1023827	41.85	ng/uL	100
57) 2,3,5,6-Tetrachlorophenol	5.151	232	178951	44.24	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.187	232	183842	41.78	ng/uL	96
59) Diethylphthalate	5.222	149	845597	43.11	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.334	204	365927	41.22	ng/uL	100
61) 4-Nitroaniline	5.363	138	238847	43.60	ng/uL	100
62) Fluorene	5.357	166	844019	42.84	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.381	198	108845	52.88	ng/uL	99
64) n-Nitrosodiphenylamine	5.422	169	715037	43.30	ng/uL	100
65) Azobenzene	5.457	77	1152137	44.78	ng/uL	100
66) 4-Bromophenyl phenyl e...	5.728	248	215684	42.78	ng/uL	100
69) Hexachlorobenzene	5.810	284	244848	41.79	ng/uL	100
70) Pentachlorophenol	5.969	266	124825	39.06	ng/uL	100
71) Phenanthrene	6.145	178	1196881	41.99	ng/uL	100
72) Anthracene	6.187	178	1225054	42.98	ng/uL	99
73) Carbazole	6.310	167	1141235	43.61	ng/uL	100
74) Di-n-butylphthalate	6.569	149	1434983	45.15	ng/uL	100
75) Fluoranthene	7.175	202	1262359	44.12	ng/uL	100
77) Benzidine	7.269	184	743917	40.90	ng/uL	100
78) Pyrene	7.387	202	1290625	41.67	ng/uL	100
79) Butylbenzylphthalate	7.992	149	649301	45.74	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.063	129	595530	47.50	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.704	149	910763	44.84	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.675	252	459437	42.81	ng/uL	100
83) Benzo[a]anthracene	8.734	228	1216882	40.35	ng/uL	100
84) Chrysene	8.781	228	1126170	40.73	ng/uL	98
86) Di-n-octylphthalate	9.710	149	1470322	51.29	ng/uL	100
88) Benzo[b]fluoranthene	10.469	252	1131783	40.54	ng/uL	100
89) Benzo[k]fluoranthene	10.522	252	1121728	41.52	ng/uL	99
90) Benzo[a]pyrene	11.110	252	999655	41.74	ng/uL	100
91) Dibenzo[a,h]anthracene	13.751	278	1066172	42.86	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.698	276	1050264	45.04	ng/uL#	100
93) Benzo[g,h,i]perylene	14.298	276	1066788	42.08	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration

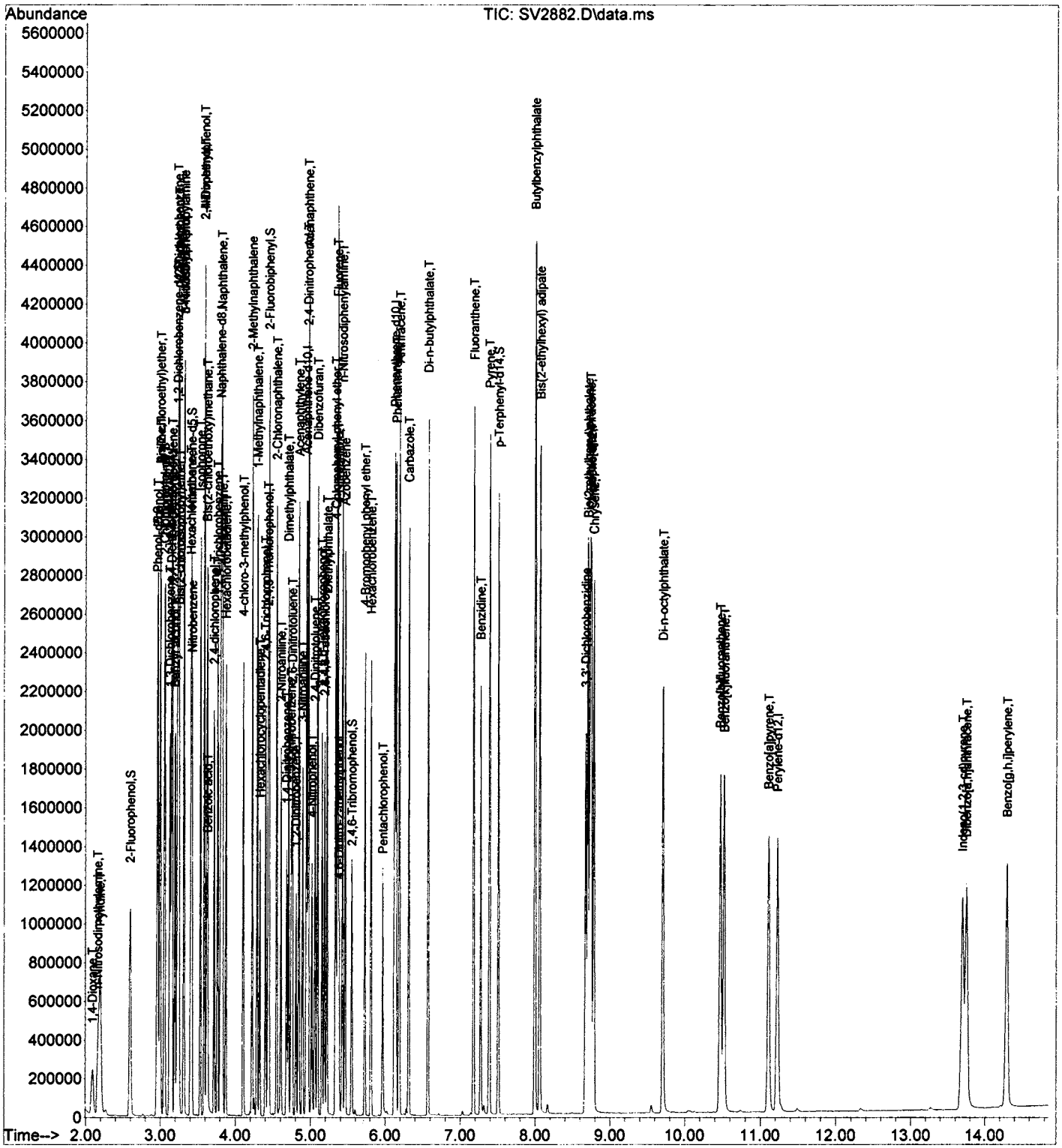
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration



Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2779.D
Acq On : 6 Mar 2022 6:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1MB
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:13:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	280153	40.00	ng/uL	0.00
24) Naphthalene-d8	3.781	136	1130969	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.916	164	580814	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	979999	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	814677	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	816410	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	639171	64.54	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 86.05%			
6) Phenol-d5	2.946	99	860960	65.30	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 87.07%			
10) 2-Chlorophenol-d4	3.040	132	571465	61.56	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 82.08%			
14) 1,2-Dichlorobenzene-d4	3.216	150	380314	33.33	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 44.44%			
23) Nitrobenzene-d5	3.393	82	507773	38.97	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 77.94%			
42) 2-Fluorobiphenyl	4.416	172	754417	39.41	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 78.82%			
68) 2,4,6-Tribromophenol	5.528	330	158734	60.99	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 81.32%			
85) p-Terphenyl-d14	7.504	244	900584	44.16	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 88.32%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.704	149	9092	3.39	ng/uL	96

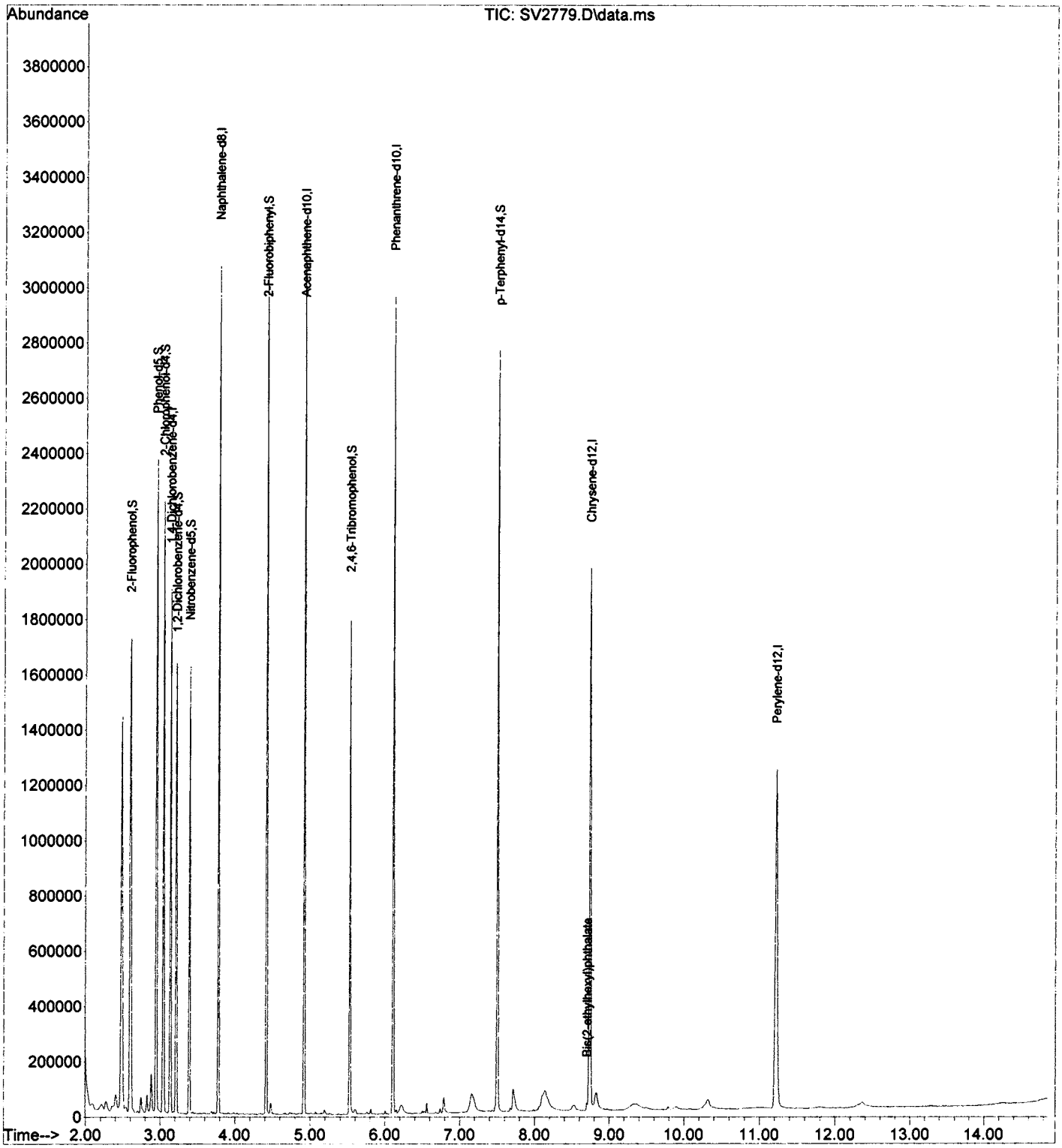
(#) = qualifier out of range (m) = manual integration (+) = signals summed

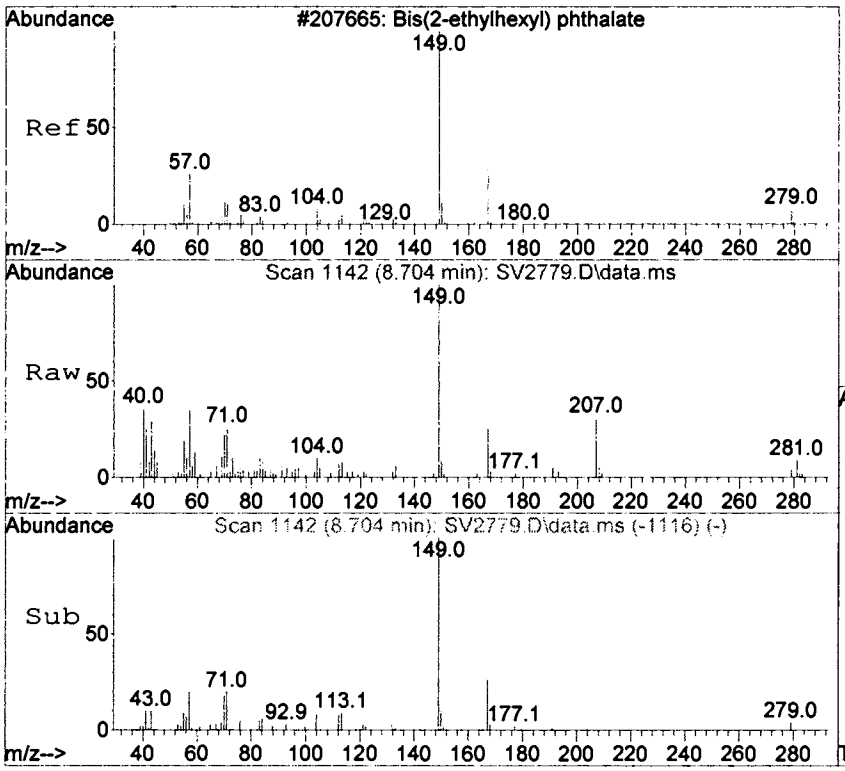
3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2779.D
Acq On : 6 Mar 2022 6:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1MB
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:13:06 2022
Response via : Initial Calibration

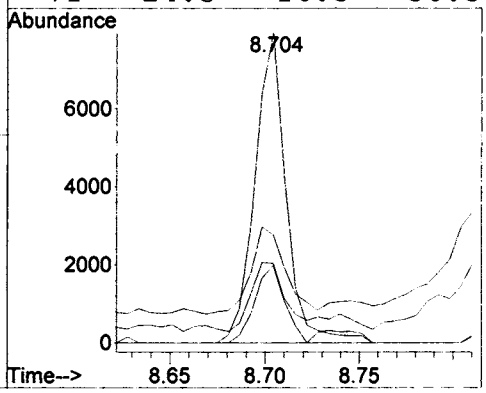




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.39 ng/uL
RT: 8.704 min Scan# 1142
Delta R.T. 0.000 min
Lab File: SV2779.D
Acq: 6 Mar 2022 6:57 pm

Tgt Ion:149 Resp: 9092

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.3	35.9
57	30.8	22.4	41.6
71	24.3	16.3	30.3



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2781.D
Acq On : 6 Mar 2022 7:33 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2MB
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	291047	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1173147	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	608317	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1038688	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	854003	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	853523	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	672230	65.33	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 87.11%			
6) Phenol-d5	2.940	99	915948	66.87	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 89.16%			
10) 2-Chlorophenol-d4	3.034	132	606296	62.87	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 83.83%			
14) 1,2-Dichlorobenzene-d4	3.204	150	401529	33.87	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 45.16%			
23) Nitrobenzene-d5	3.387	82	528060	39.01	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 78.02%			
42) 2-Fluorobiphenyl	4.404	172	806454	40.23	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.46%			
68) 2,4,6-Tribromophenol	5.522	330	171316	61.97	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 82.63%			
85) p-Terphenyl-d14	7.492	244	996858	46.63	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 93.26%			
Target Compounds						Qvalue

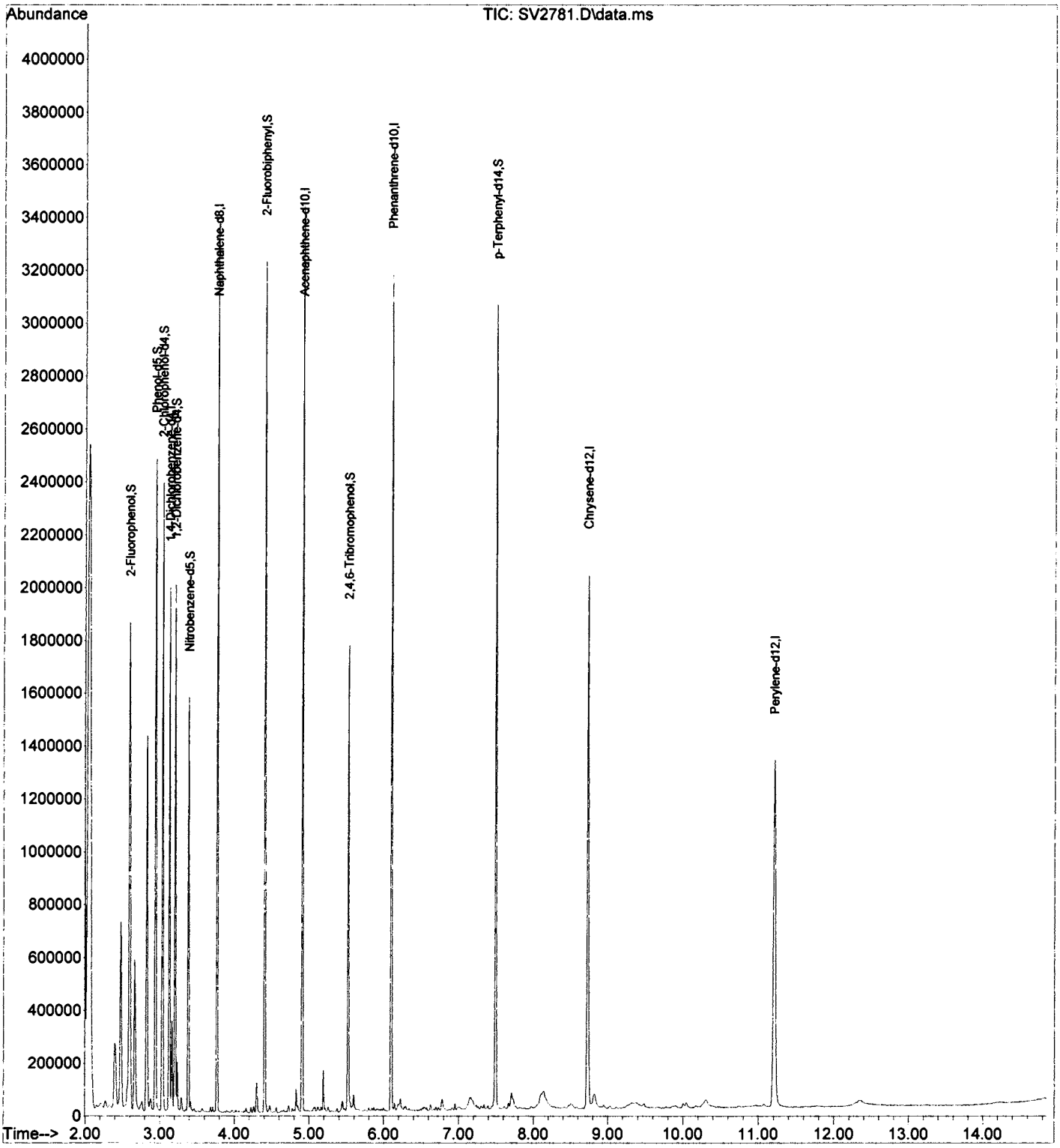
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2781.D
Acq On : 6 Mar 2022 7:33 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2MB
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2784.D
Acq On : 6 Mar 2022 8:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	305529	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1223041	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	621263	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1038026	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	851019	40.00	ng/uL	0.00
87) Perylene-d12	11.216	264	870852	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	183247	16.97	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 22.63%			
6) Phenol-d5	2.946	99	248248	17.27	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 23.03%#			
10) 2-Chlorophenol-d4	3.040	132	162216	16.02	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 21.36%#			
14) 1,2-Dichlorobenzene-d4	3.210	150	116094	9.33	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 12.44%#			
23) Nitrobenzene-d5	3.393	82	151634	10.67	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 21.34%#			
42) 2-Fluorobiphenyl	4.410	172	218061	10.65	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 21.30%#			
68) 2,4,6-Tribromophenol	5.522	330	36939	14.91	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 19.88%#			
85) p-Terphenyl-d14	7.498	244	235885	11.07	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 22.14%#			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.692	149	5725	3.18	ng/uL#	1
86) Di-n-octylphthalate	9.728	149	994	5.43	ng/uL#	1

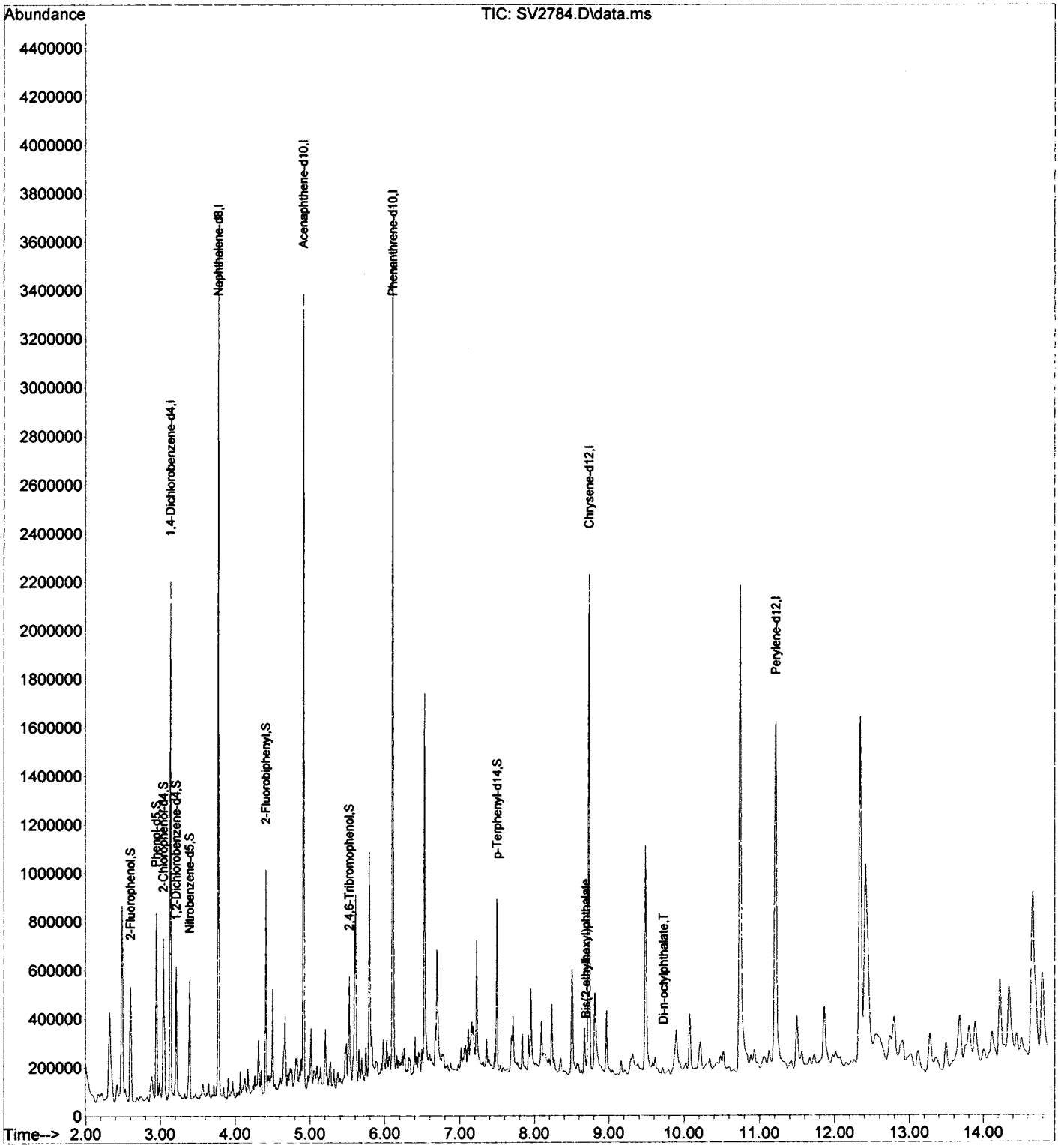
(#) = qualifier out of range (m) = manual integration (+) = signals summed

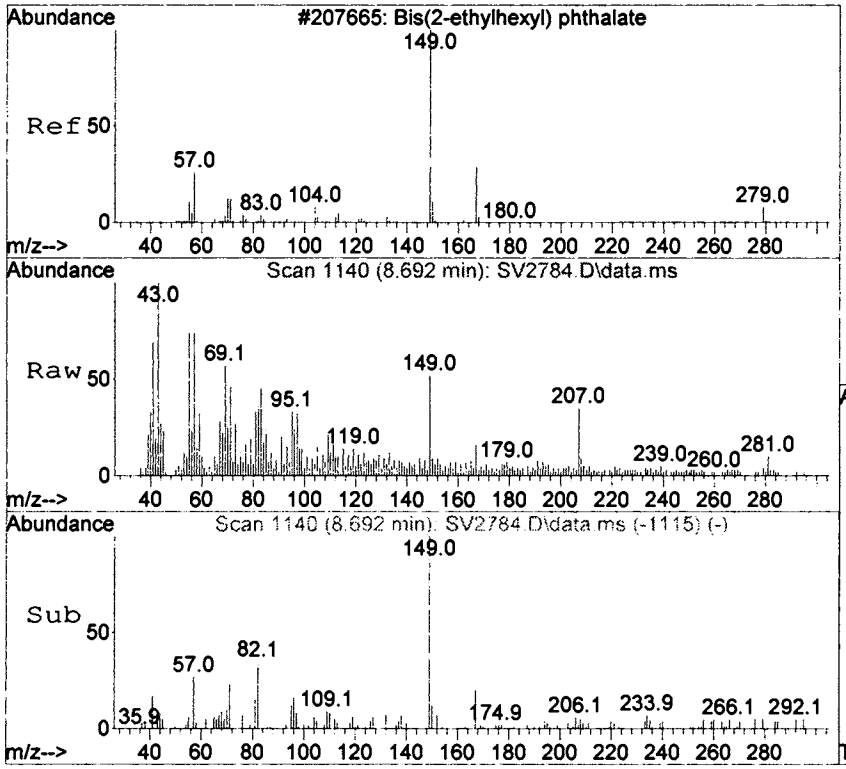
3/10/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2784.D
Acq On : 6 Mar 2022 8:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

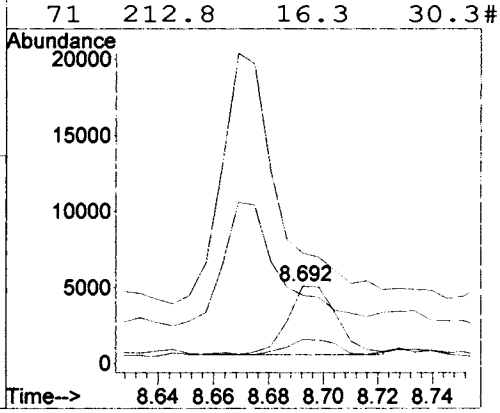


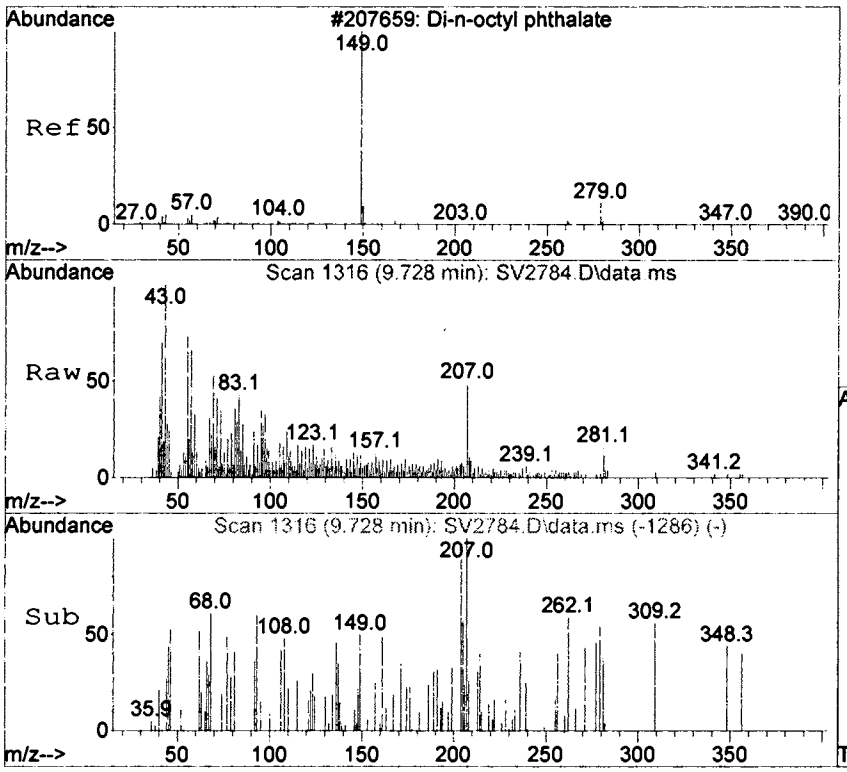


#81
Bis(2-ethylhexyl)phthalate
Concen: 3.18 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2784.D
Acq: 6 Mar 2022 8:28 pm

Tgt Ion:149 Resp: 5725

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.3	35.9
57	451.1	22.4	41.6#
71	212.8	16.3	30.3#

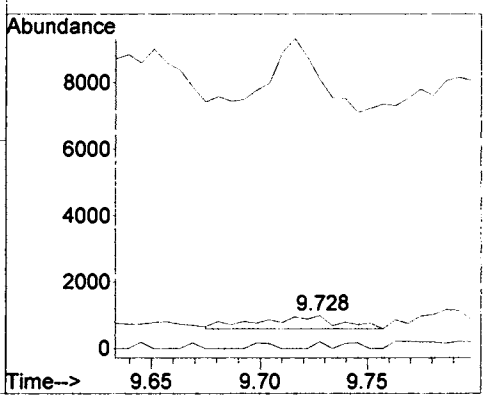




#86
Di-n-octylphthalate
Concen: 5.43 ng/uL
RT: 9.728 min Scan# 1316
Delta R.T. 0.024 min
Lab File: SV2784.D
Acq: 6 Mar 2022 8:28 pm

Tgt Ion:149 Resp: 994

Ion	Ratio	Lower	Upper
149	100		
279	0.0	3.1	5.8#
43	341.1	7.4	13.8#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2787.D
Acq On : 6 Mar 2022 9:21 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-9
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	296745	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1199990	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	616737	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1016458	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	847835	40.00	ng/uL	0.00
87) Perylene-d12	11.216	264	873407	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	318657	30.38	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 40.51%			
6) Phenol-d5	2.946	99	423090	30.30	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 40.40%			
10) 2-Chlorophenol-d4	3.040	132	284606	28.95	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 38.60%			
14) 1,2-Dichlorobenzene-d4	3.210	150	194893	16.13	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 21.51%			
23) Nitrobenzene-d5	3.387	82	265427	19.23	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 38.46%#			
42) 2-Fluorobiphenyl	4.404	172	378595	18.63	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 37.26%#			
68) 2,4,6-Tribromophenol	5.522	330	75752	30.10	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 40.13%			
85) p-Terphenyl-d14	7.492	244	419214	19.75	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 39.50%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.692	149	11165	3.48	ng/uL#	63

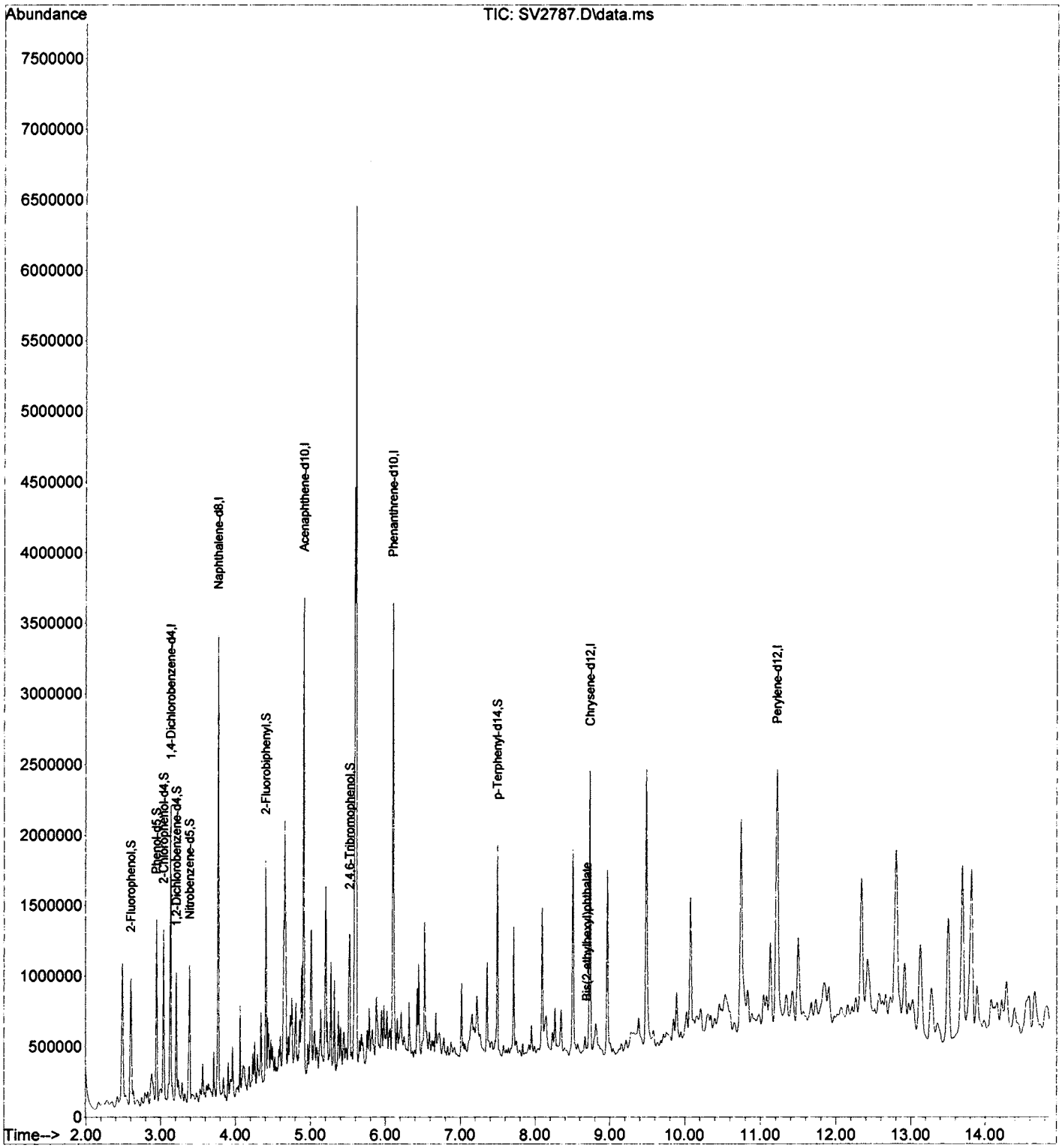
(#) = qualifier out of range (m) = manual integration (+) = signals summed

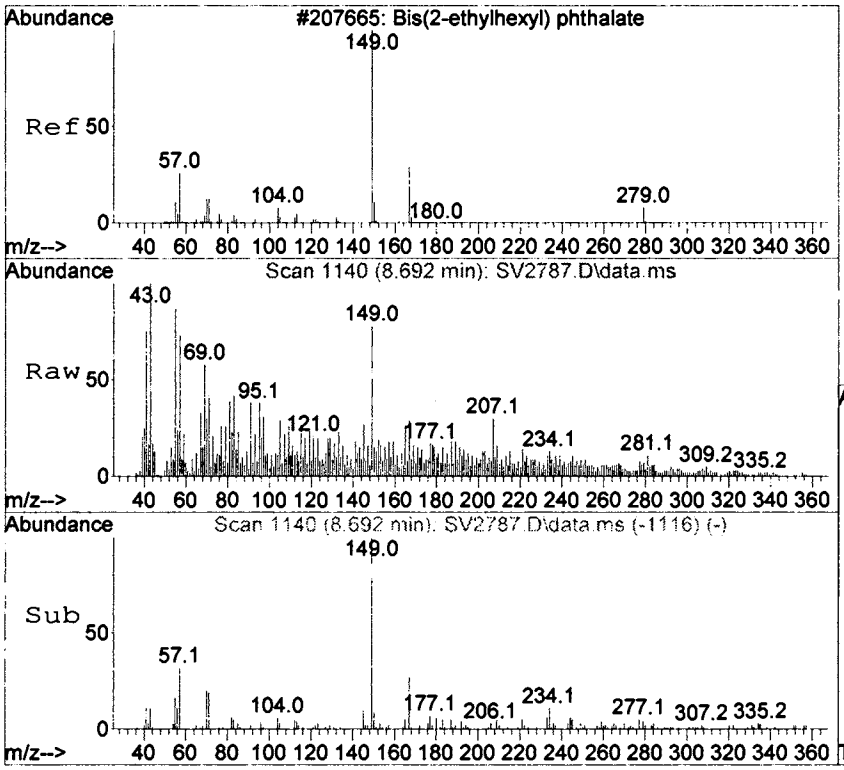
3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2787.D
Acq On : 6 Mar 2022 9:21 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-9
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

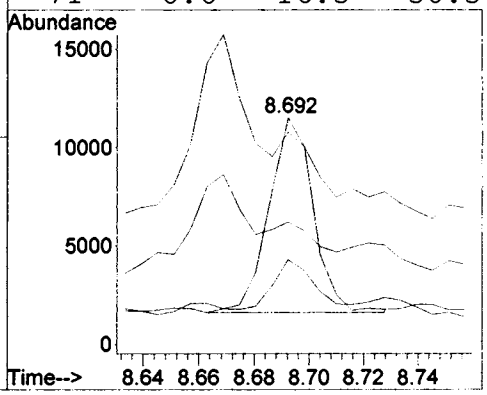




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.48 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2787.D
Acq: 6 Mar 2022 9:21 pm

Tgt Ion:149 Resp: 11165

Ion	Ratio	Lower	Upper
149	100		
167	30.2	19.3	35.9
57	0.0	22.4	41.6#
71	0.0	16.3	30.3#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2788.D
Acq On : 6 Mar 2022 9:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

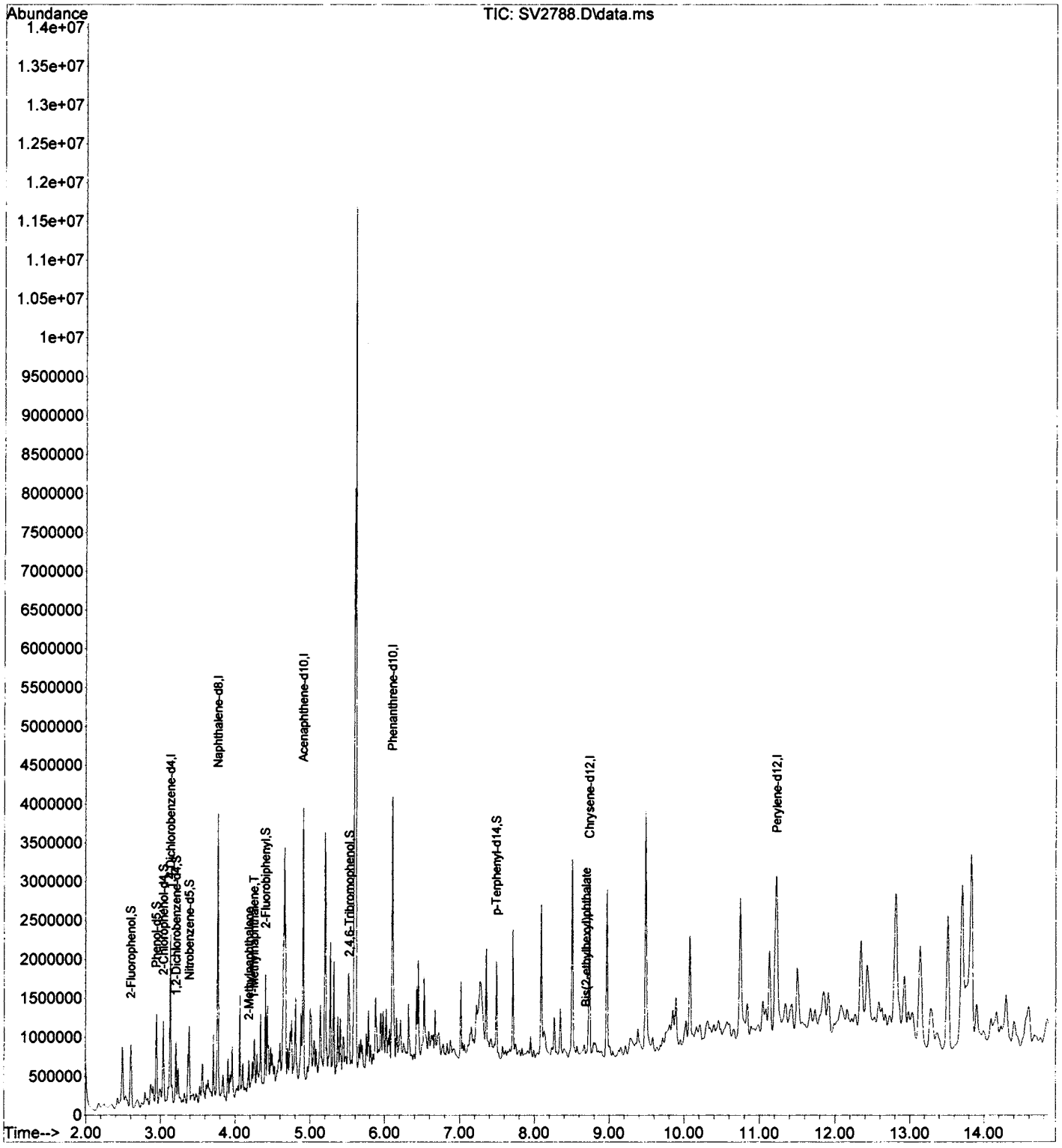
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	311872	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1254680	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	638164	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1055983	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	863562	40.00	ng/uL	0.00
87) Perylene-d12	11.227	264	902375	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	274739	24.92	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery =	33.23%		
6) Phenol-d5	2.946	99	370047	25.21	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	33.61%#		
10) 2-Chlorophenol-d4	3.040	132	246759	23.88	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	31.84%		
14) 1,2-Dichlorobenzene-d4	3.210	150	168865	13.29	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	17.72%		
23) Nitrobenzene-d5	3.387	82	234446	16.16	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	32.32%#		
42) 2-Fluorobiphenyl	4.404	172	328626	15.63	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	31.26%#		
68) 2,4,6-Tribromophenol	5.522	330	65055	25.17	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	33.56%		
85) p-Terphenyl-d14	7.492	244	351558	16.26	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	32.52%		
Target Compounds						Qvalue
36) 2-Methylnaphthalene	4.187	142	66635	3.06	ng/uL	98
37) 1-Methylnaphthalene	4.251	142	88630	4.41	ng/uL	94
81) Bis(2-ethylhexyl)phtha...	8.692	149	9001	3.35	ng/uL#	74

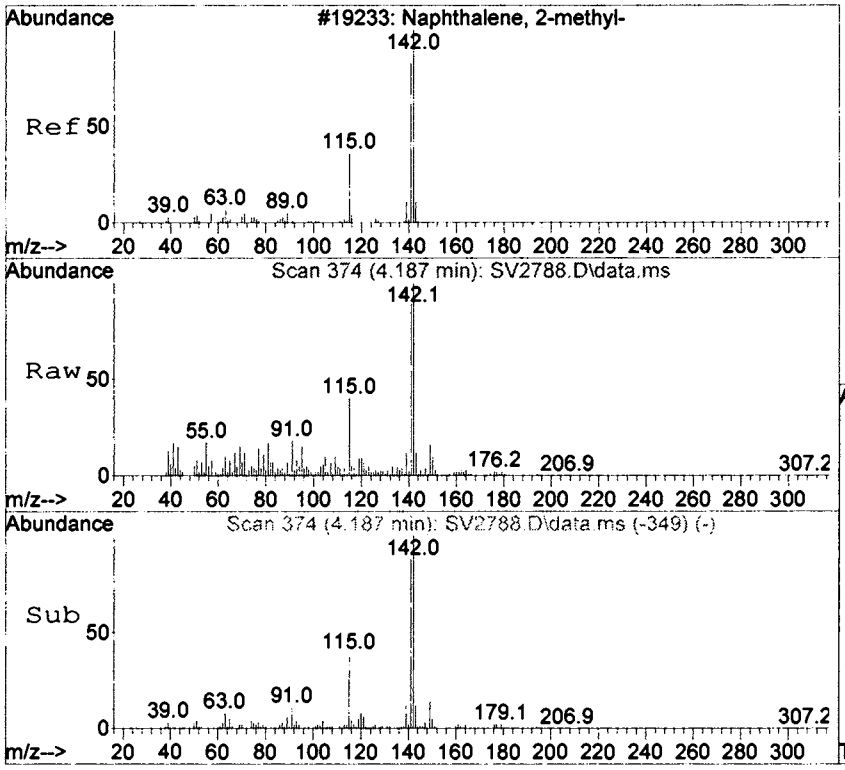
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2788.D
Acq On : 6 Mar 2022 9:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

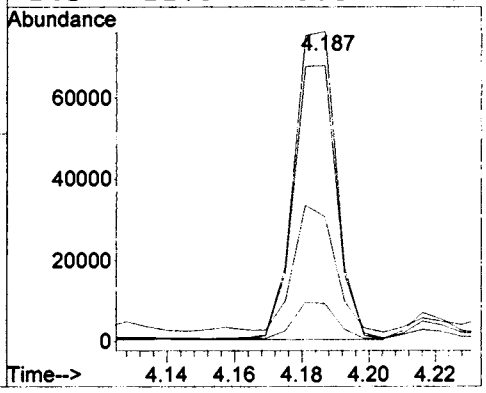


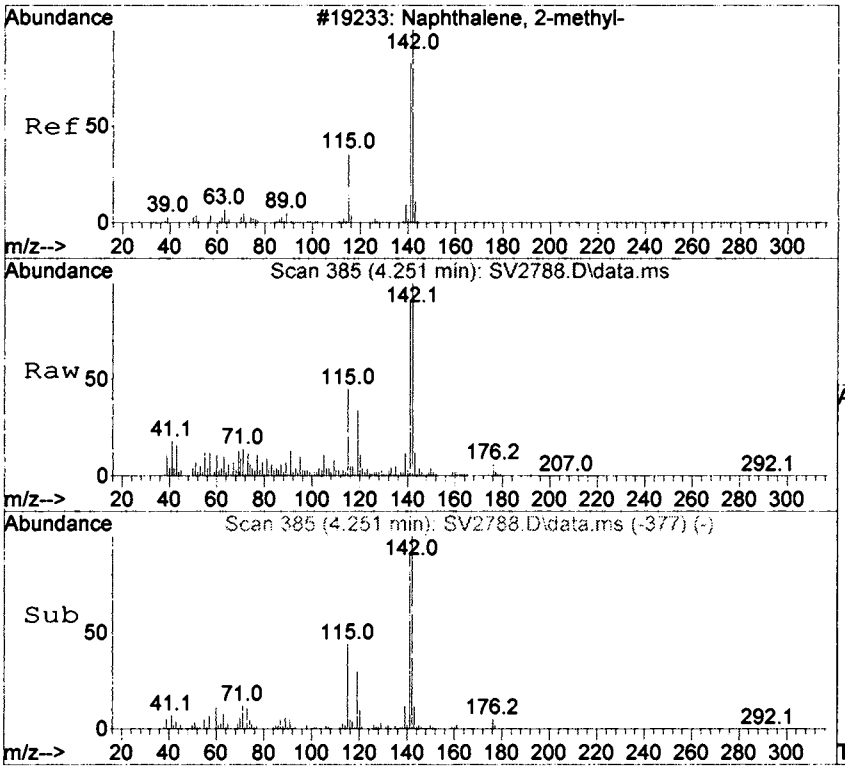


#36
2-Methylnaphthalene
Concen: 3.06 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: SV2788.D
Acq: 6 Mar 2022 9:39 pm

Tgt Ion:142 Resp: 66635

Ion	Ratio	Lower	Upper
142	100		
141	89.9	62.0	115.2
115	42.6	27.8	51.6
143	11.9	8.3	15.3

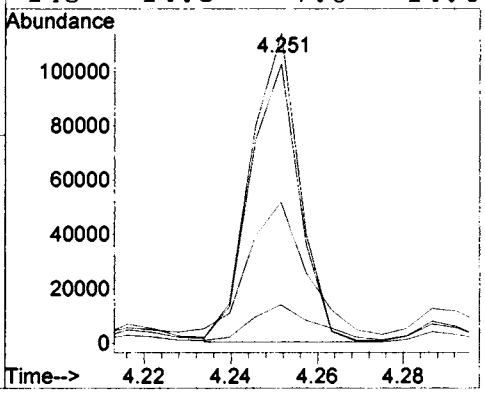


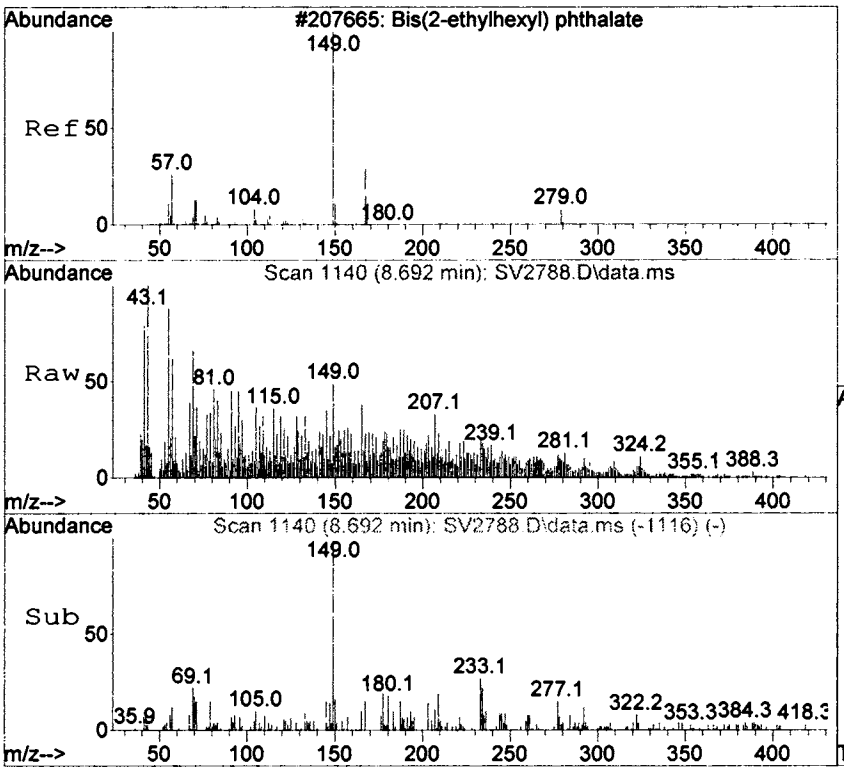


#37
1-Methylnaphthalene
Concen: 4.41 ng/uL
RT: 4.251 min Scan# 385
Delta R.T. -0.000 min
Lab File: SV2788.D
Acq: 6 Mar 2022 9:39 pm

Tgt Ion:142 Resp: 88630

Ion	Ratio	Lower	Upper
142	100		
141	91.0	63.8	118.6
115	51.2	28.6	53.0
143	14.5	7.8	14.6

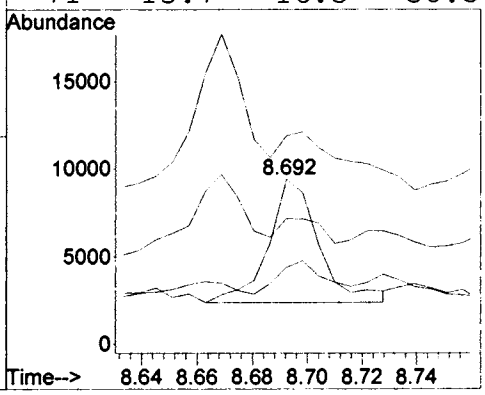




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.35 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2788.D
Acq: 6 Mar 2022 9:39 pm

Tgt Ion:149 Resp: 9001

Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.3	35.9
57	62.1	22.4	41.6#
71	15.7	16.3	30.3#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2789.D
Acq On : 6 Mar 2022 9:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	310041	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1251639	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	626460	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1037012	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	857231	40.00	ng/uL	0.00
87) Perylene-d12	11.239	264	910211	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	108135	9.87	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery =	13.16%		
6) Phenol-d5	2.946	99	141325	9.69	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	12.92%#		
10) 2-Chlorophenol-d4	3.040	132	96667	9.41	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	12.55%#		
14) 1,2-Dichlorobenzene-d4	3.210	150	69467	5.50	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	7.33%#		
23) Nitrobenzene-d5	3.387	82	101239	7.02	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	14.04%#		
42) 2-Fluorobiphenyl	4.404	172	135348	6.56	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	13.12%#		
68) 2,4,6-Tribromophenol	5.522	330	24325	9.95	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	13.27%#		
85) p-Terphenyl-d14	7.492	244	143732	6.70	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	13.40%#		
Target Compounds						Qvalue
32) Naphthalene	3.781	128	117827	3.40	ng/uL#	64
36) 2-Methylnaphthalene	4.187	142	156703	7.21	ng/uL	98
37) 1-Methylnaphthalene	4.251	142	205787	10.26	ng/uL	95
71) Phenanthrene	6.122	178	149912	5.31	ng/uL#	91
75) Fluoranthene	7.163	202	96770	3.42	ng/uL	98

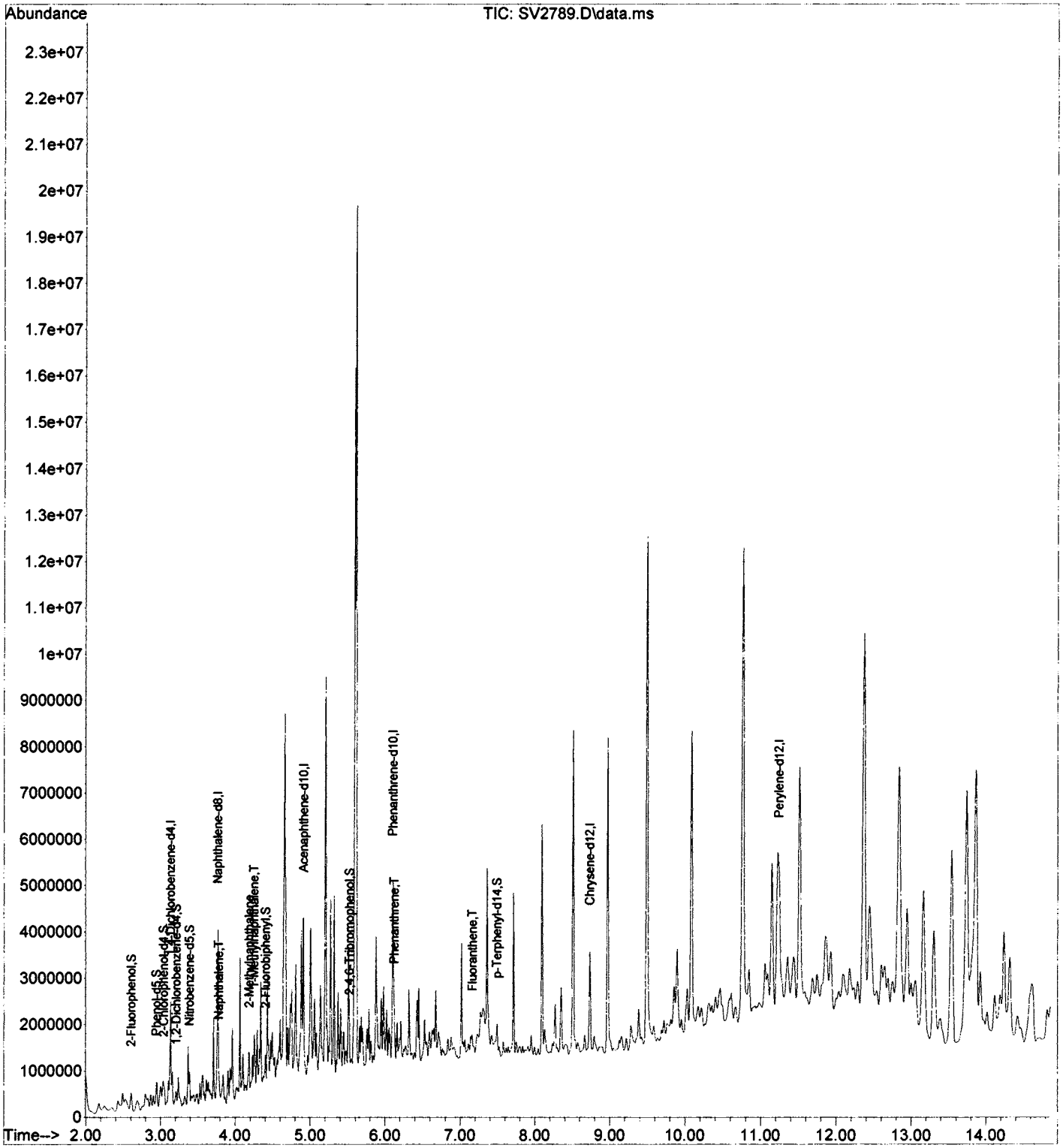
(#) = qualifier out of range (m) = manual integration (+) = signals summed

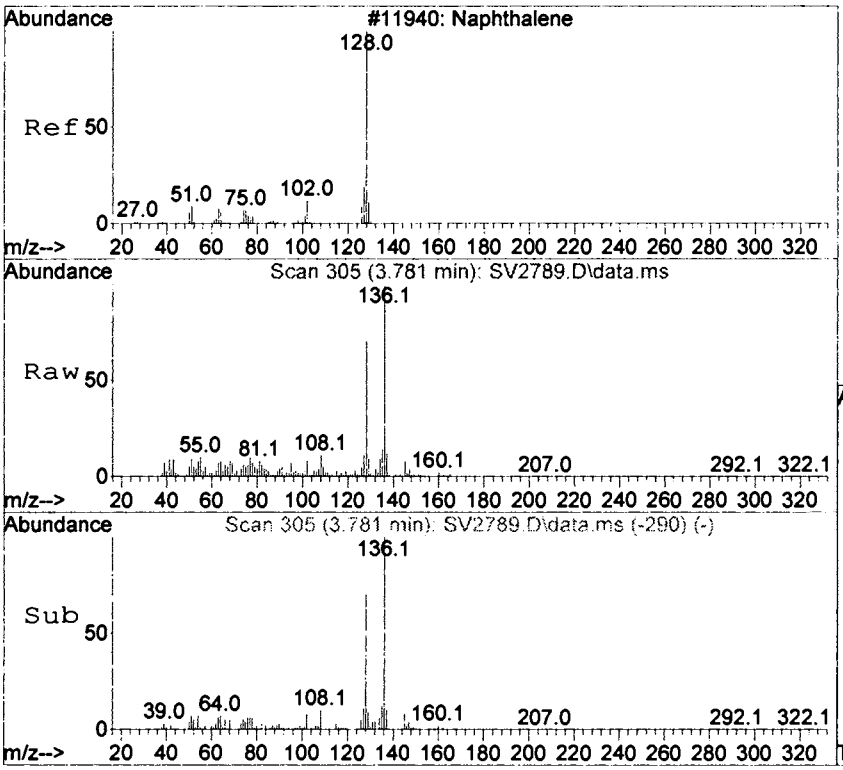
m 3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2789.D
Acq On : 6 Mar 2022 9:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

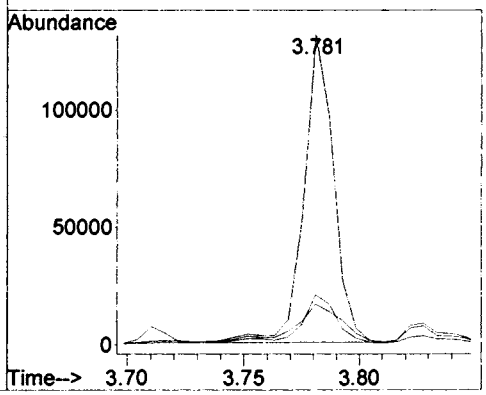


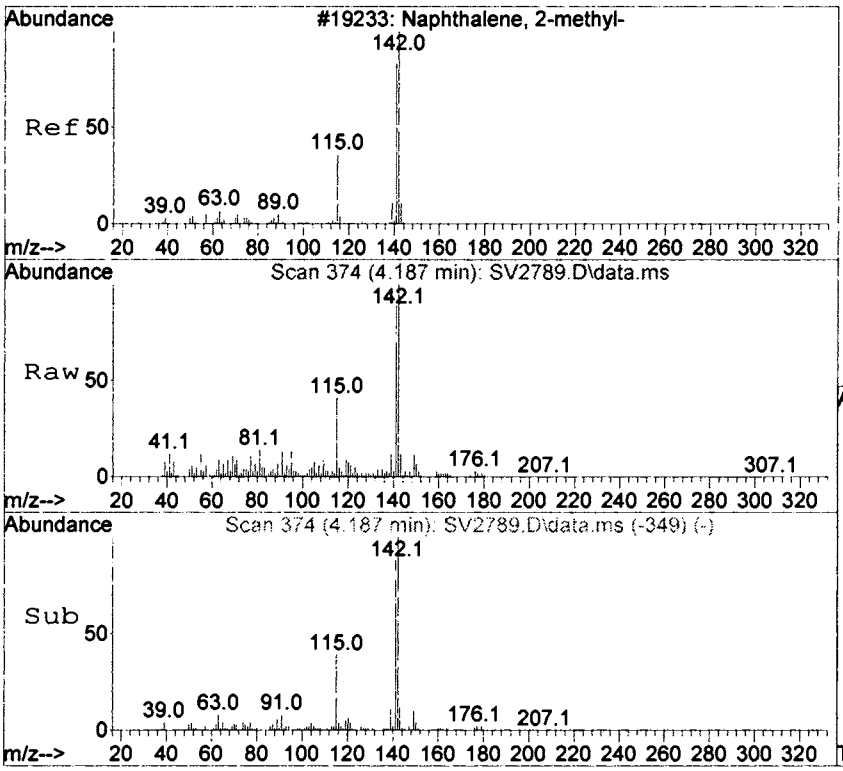


#32
Naphthalene
Concen: 3.40 ng/uL
RT: 3.781 min Scan# 305
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:128 Resp: 117827

Ion	Ratio	Lower	Upper
128	100		
127	18.9	37.7	70.1#
129	20.2	16.7	31.1

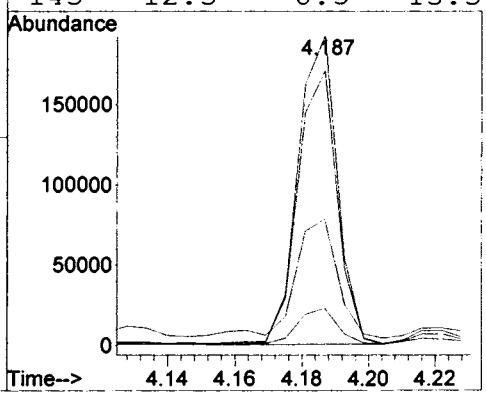


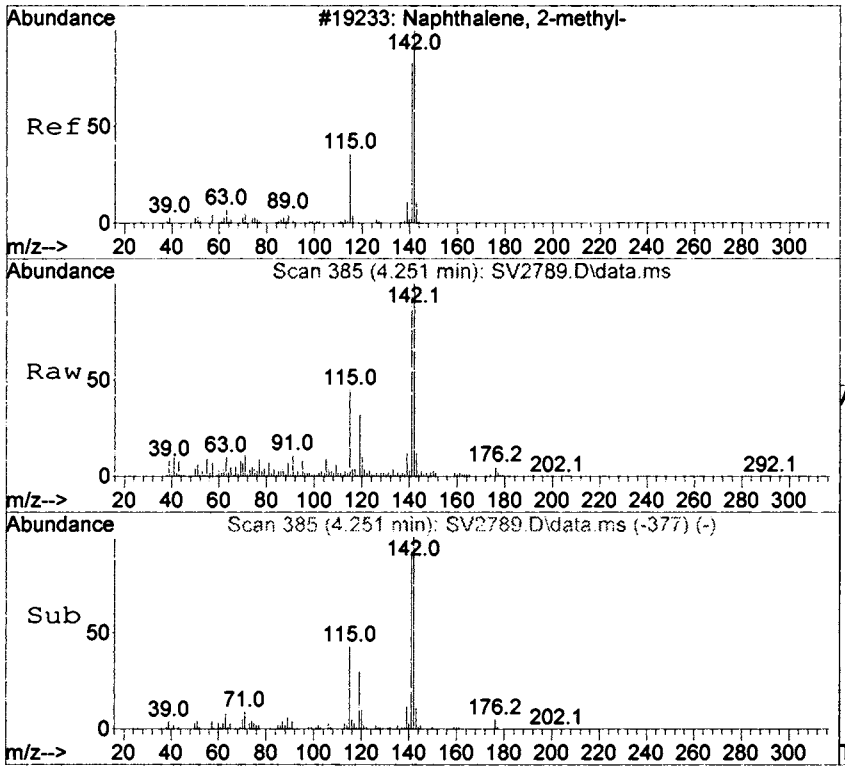


#36
2-Methylnaphthalene
Concen: 7.21 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:142 Resp: 156703

Ion	Ratio	Lower	Upper
142	100		
141	88.9	62.0	115.2
115	43.7	27.8	51.6
143	12.3	8.3	15.3

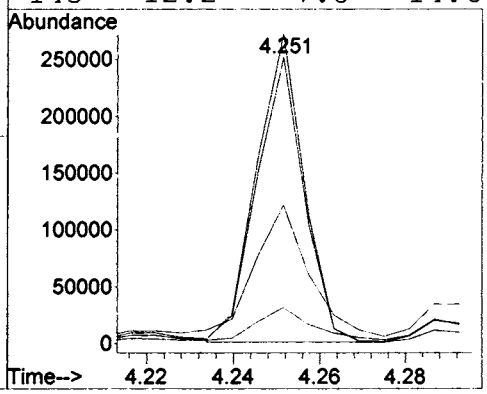


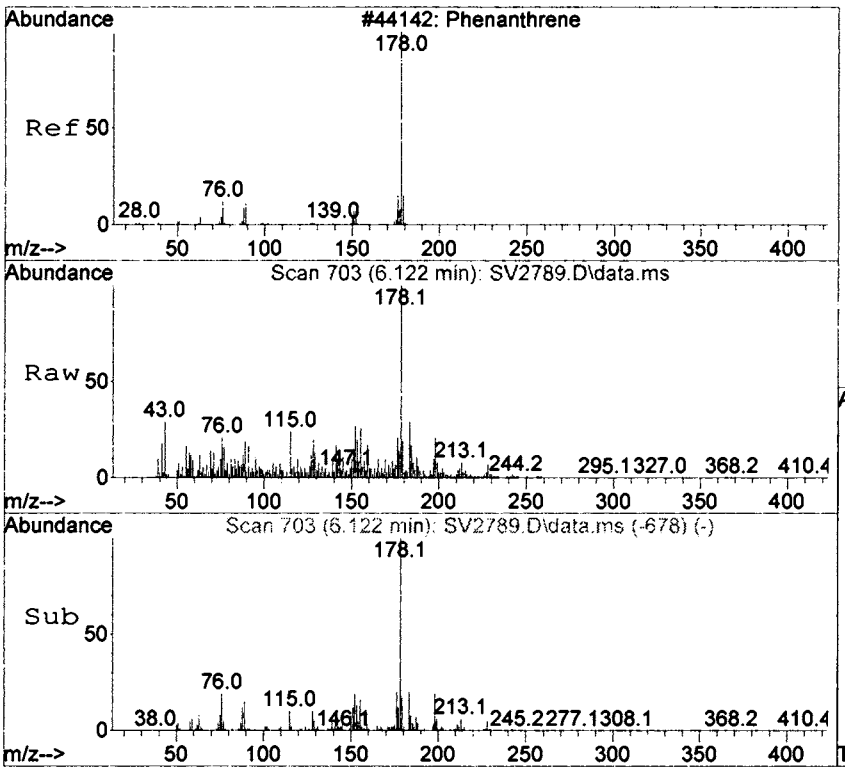


#37
1-Methylnaphthalene
Concen: 10.26 ng/uL
RT: 4.251 min Scan# 385
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:142 Resp: 205787

Ion	Ratio	Lower	Upper
142	100		
141	92.6	63.8	118.6
115	49.5	28.6	53.0
143	12.2	7.8	14.6

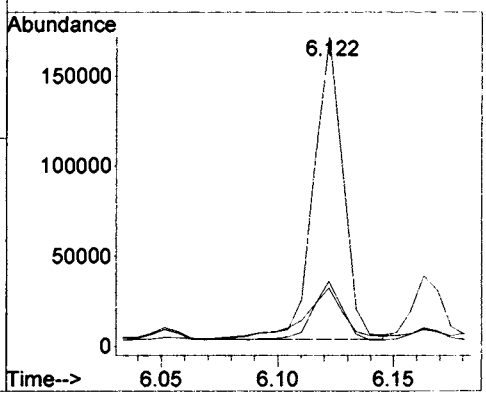


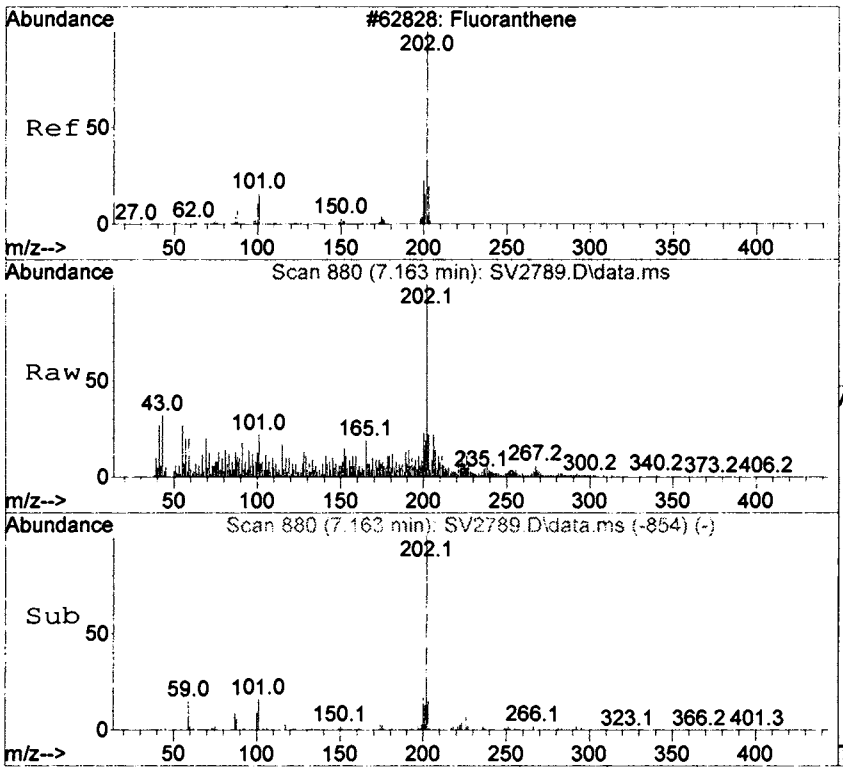


#71
Phenanthrene
Concen: 5.31 ng/uL
RT: 6.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:178 Resp: 149912

Ion	Ratio	Lower	Upper
178	100		
179	23.7	10.9	20.2#
176	19.0	13.4	24.8

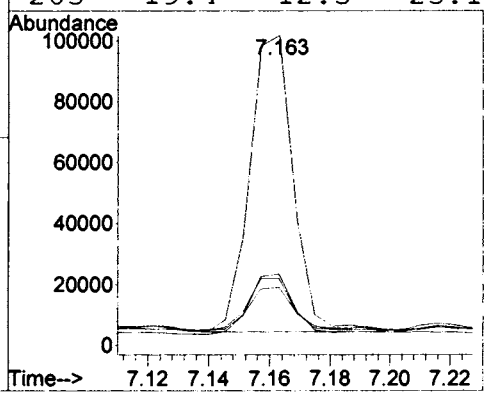




#75
Fluoranthene
Concen: 3.42 ng/uL
RT: 7.163 min Scan# 880
Delta R.T. 0.006 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:202 Resp: 96770

Ion	Ratio	Lower	Upper
202	100		
200	20.9	14.4	26.8
201	15.5	10.2	19.0
203	19.4	12.5	23.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2790.D
Acq On : 6 Mar 2022 10:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	301973	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1228992	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	619987	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1028679	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	859270	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	892715	40.00	ng/uL	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	398642	37.34	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 49.79%			
6) Phenol-d5	2.946	99	538272	37.88	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 50.51%			
10) 2-Chlorophenol-d4	3.040	132	356344	35.62	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 47.49%			
14) 1,2-Dichlorobenzene-d4	3.210	150	236159	19.20	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 25.60%			
23) Nitrobenzene-d5	3.387	82	321079	22.86	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 45.72%			
42) 2-Fluorobiphenyl	4.404	172	472407	23.12	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 46.24%			
68) 2,4,6-Tribromophenol	5.522	330	93585	36.22	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 48.29%			
85) p-Terphenyl-d14	7.492	244	511292	23.77	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 47.54%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.698	149	11201	3.47	ng/uL#	17

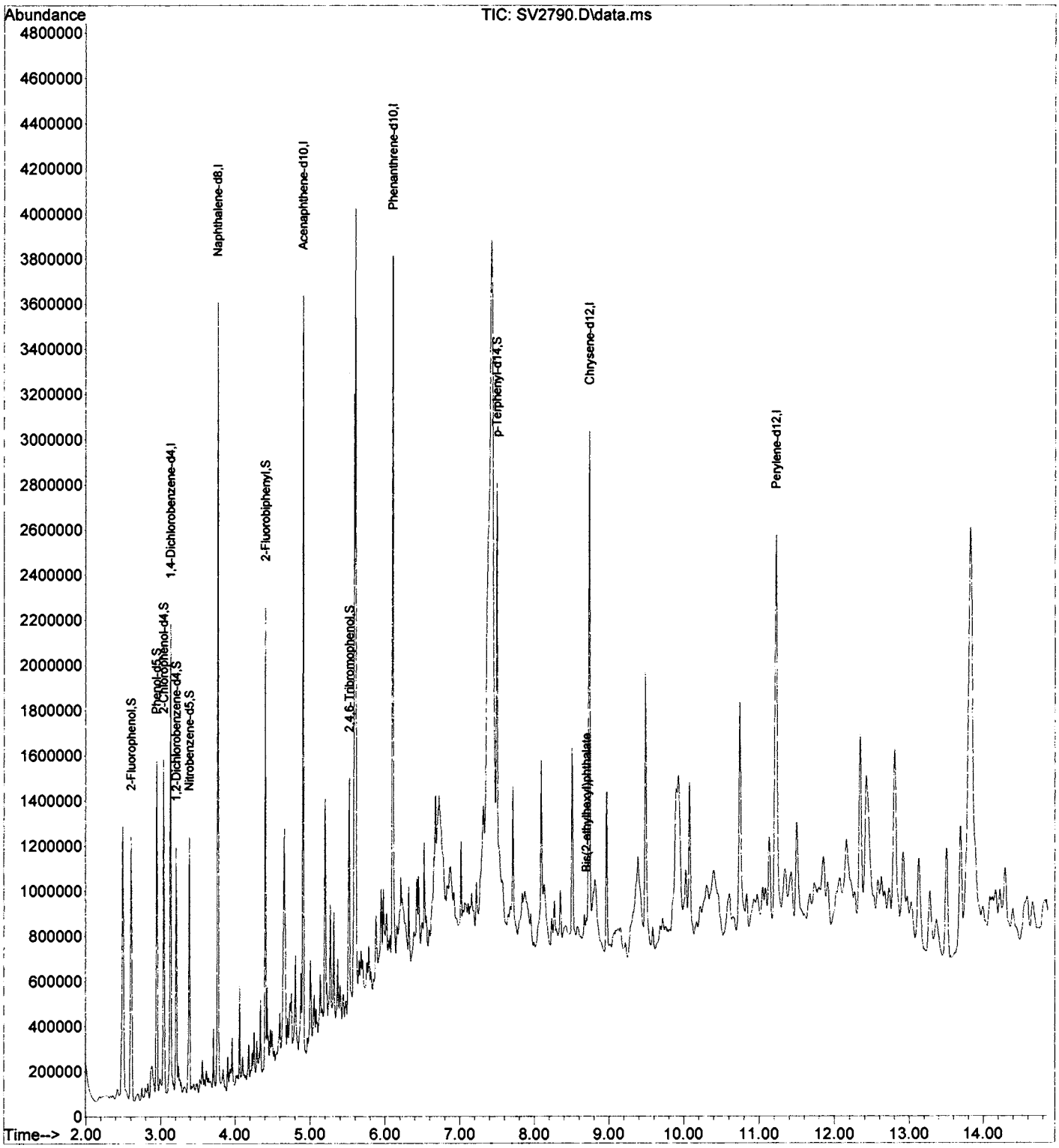
(#) = qualifier out of range (m) = manual integration (+) = signals summed

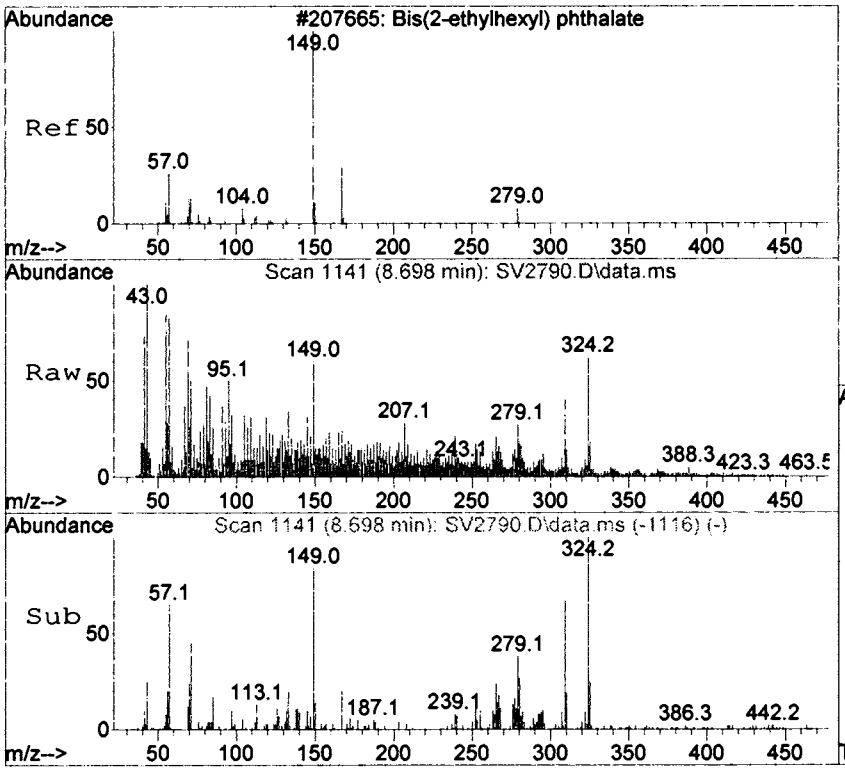
3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2790.D
Acq On : 6 Mar 2022 10:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

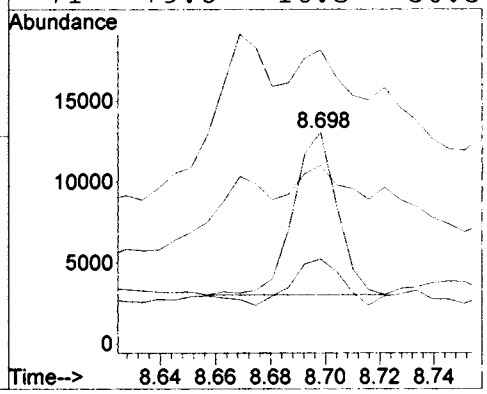




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.47 ng/uL
RT: 8.698 min Scan# 1141
Delta R.T. -0.000 min
Lab File: SV2790.D
Acq: 6 Mar 2022 10:15 pm

Tgt Ion:149 Resp: 11201

Ion	Ratio	Lower	Upper
149	100		
167	31.5	19.3	35.9
57	101.1	22.4	41.6#
71	79.8	16.3	30.3#



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2791.D
Acq On : 6 Mar 2022 11:12 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.175	152	984	40.00	ng/uL	# 0.05
24) Naphthalene-d8	3.834	136	2752	40.00	ng/uL	# 0.06
38) Acenaphthene-d10	4.969	164	1634	40.00	ng/uL	0.06
67) Phenanthrene-d10	6.145	188	1907	40.00	ng/uL	# 0.04
76) Chrysene-d12	8.769	240	2175	40.00	ng/uL	# 0.04
87) Perylene-d12	11.257	264	2054	40.00	ng/uL	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	2.622	112	749	21.53	ng/uL	0.03
Spiked Amount 75.000	Range 10 - 120		Recovery = 28.71%			
6) Phenol-d5	2.975	99	1025	22.13	ng/uL	0.03
Spiked Amount 75.000	Range 39 - 120		Recovery = 29.51%#			
10) 2-Chlorophenol-d4	3.075	132	744	22.82	ng/uL	0.04
Spiked Amount 75.000	Range 30 - 120		Recovery = 30.43%			
14) 1,2-Dichlorobenzene-d4	3.175	150	1270	31.69	ng/uL	-0.04
Spiked Amount 75.000	Range 16 - 120		Recovery = 42.25%			
23) Nitrobenzene-d5	3.440	82	769	16.80	ng/uL	0.05
Spiked Amount 50.000	Range 43 - 120		Recovery = 33.60%#			
42) 2-Fluorobiphenyl	4.475	172	861	15.99	ng/uL	0.06
Spiked Amount 50.000	Range 43 - 120		Recovery = 31.98%#			
68) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 27 - 134		Recovery = 0.00%#			
85) p-Terphenyl-d14	7.528	244	1060	19.47	ng/uL	0.03
Spiked Amount 50.000	Range 29 - 126		Recovery = 38.94%			
Target Compounds						Qvalue
11) 2-Chlorophenol	3.016	128	576	16.91	ng/uL#	28
25) Isophorone	3.440	82	554	9.52	ng/uL#	67
50) Acenaphthylene	4.916	152	666	8.49	ng/uL#	66
61) 4-Nitroaniline	5.369	138	575	38.83	ng/uL#	1
64) n-Nitrosodiphenylamine	5.322	169	775	17.19	ng/uL#	31
71) Phenanthrene	6.151	178	1558	30.03	ng/uL#	62
72) Anthracene	6.151	178	1558	30.04	ng/uL#	61
74) Di-n-butylphthalate	6.557	149	644	11.13	ng/uL#	79
75) Fluoranthene	7.251	202	903	17.34	ng/uL#	59
78) Pyrene	7.304	202	3848	53.40	ng/uL#	76
79) Butylbenzylphthalate	7.975	149	983	31.52	ng/uL#	82
80) Bis(2-ethylhexyl) adipate	7.934	129	507	20.36	ng/uL#	1
82) 3,3'-Dichlorobenzidine	8.681	252	1470	56.90	ng/uL#	64
86) Di-n-octylphthalate	9.628	149	506	12.78	ng/uL#	1
88) Benzo[b]fluoranthene	10.428	252	537	9.27	ng/uL#	58
89) Benzo[k]fluoranthene	10.428	252	537	8.70	ng/uL#	55
91) Dibenzo[a,h]anthracene	13.792	278	1317	24.41	ng/uL#	1
92) Indeno(1,2,3-cd)pyrene	13.798	276	5725	94.66	ng/uL#	52
93) Benzo[g,h,i]perylene	14.163	276	3205	54.09	ng/uL#	63

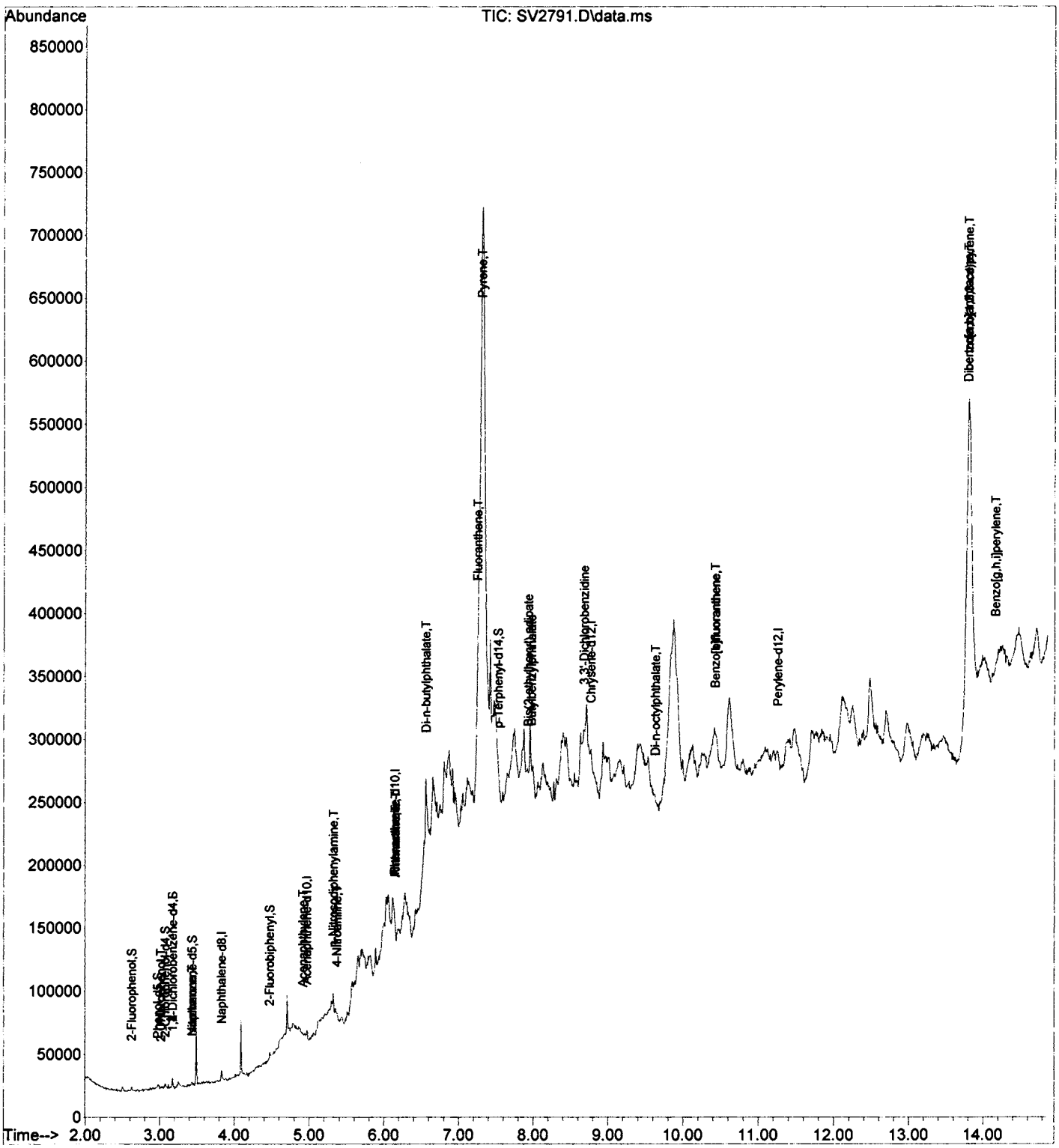
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/6/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2791.D
Acq On : 6 Mar 2022 11:12 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2793.D
Acq On : 6 Mar 2022 11:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:52:15 2022
Response via : Initial Calibration

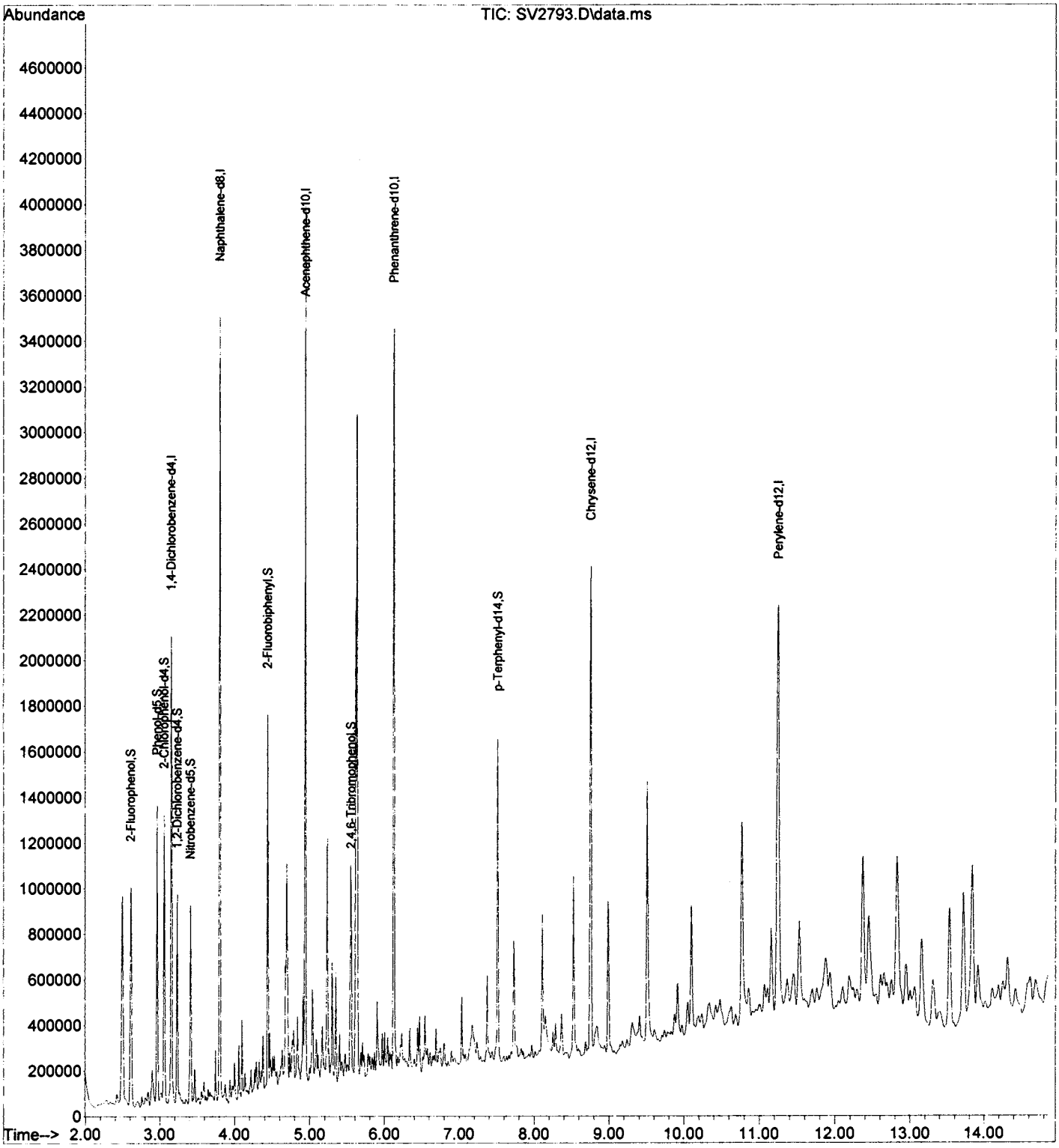
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.152	152	316857	40.00	ng/uL	-0.02
24) Naphthalene-d8	3.805	136	1271356	40.00	ng/uL	-0.04
38) Acenaphthene-d10	4.940	164	643329	40.00	ng/uL	-0.04
67) Phenanthrene-d10	6.128	188	1071205	40.00	ng/uL	-0.02
76) Chrysene-d12	8.757	240	896045	40.00	ng/uL	-0.02
87) Perylene-d12	11.251	264	995222	40.00	ng/uL	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	348492	31.11	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 41.48%			
6) Phenol-d5	2.963	99	471534	31.62	ng/uL	-0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 42.16%			
10) 2-Chlorophenol-d4	3.058	132	312769	29.79	ng/uL	-0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 39.72%			
14) 1,2-Dichlorobenzene-d4	3.234	150	208662	16.17	ng/uL	-0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 21.56%			
23) Nitrobenzene-d5	3.410	82	284266	19.29	ng/uL	-0.03
Spiked Amount 50.000	Range 43 - 120		Recovery = 38.58%#			
42) 2-Fluorobiphenyl	4.440	172	416097	19.63	ng/uL	-0.04
Spiked Amount 50.000	Range 43 - 120		Recovery = 39.26%#			
68) 2,4,6-Tribromophenol	5.551	330	83396	31.35	ng/uL	-0.02
Spiked Amount 75.000	Range 27 - 134		Recovery = 41.80%			
85) p-Terphenyl-d14	7.516	244	451863	20.14	ng/uL	-0.02
Spiked Amount 50.000	Range 29 - 126		Recovery = 40.28%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2793.D
Acq On : 6 Mar 2022 11:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:52:15 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2794.D
Acq On : 7 Mar 2022 12:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	323379	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1294916	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	661823	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1077591	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	900850	40.00	ng/uL	0.00
87) Perylene-d12	11.239	264	937298	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	142204	12.44	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 16.59%			
6) Phenol-d5	2.951	99	191529	12.59	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 16.79%#			
10) 2-Chlorophenol-d4	3.045	132	127759	11.92	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery = 15.89%#			
14) 1,2-Dichlorobenzene-d4	3.210	150	90613	6.88	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 9.17%#			
23) Nitrobenzene-d5	3.387	82	125820	8.36	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 16.72%#			
42) 2-Fluorobiphenyl	4.410	172	175088	8.03	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 16.06%#			
68) 2,4,6-Tribromophenol	5.528	330	31031	12.14	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 16.19%#			
85) p-Terphenyl-d14	7.498	244	185573	8.23	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 16.46%#			
Target Compounds						Qvalue
36) 2-Methylnaphthalene	4.187	142	97967	4.36	ng/uL	95
37) 1-Methylnaphthalene	4.257	142	136662	6.59	ng/uL	94
71) Phenanthrene	6.122	178	100805	3.44	ng/uL#	90

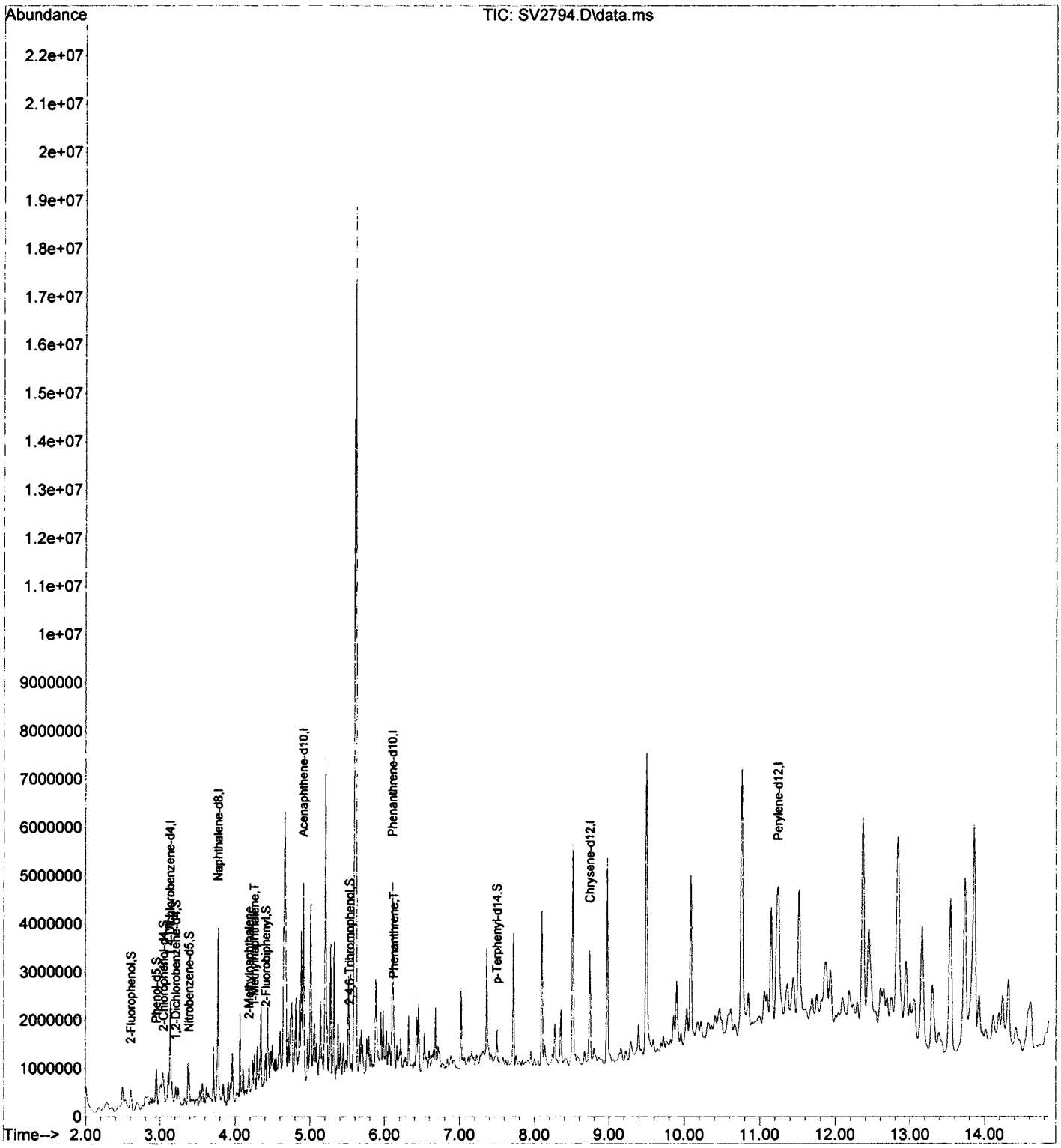
(#) = qualifier out of range (m) = manual integration (+) = signals summed

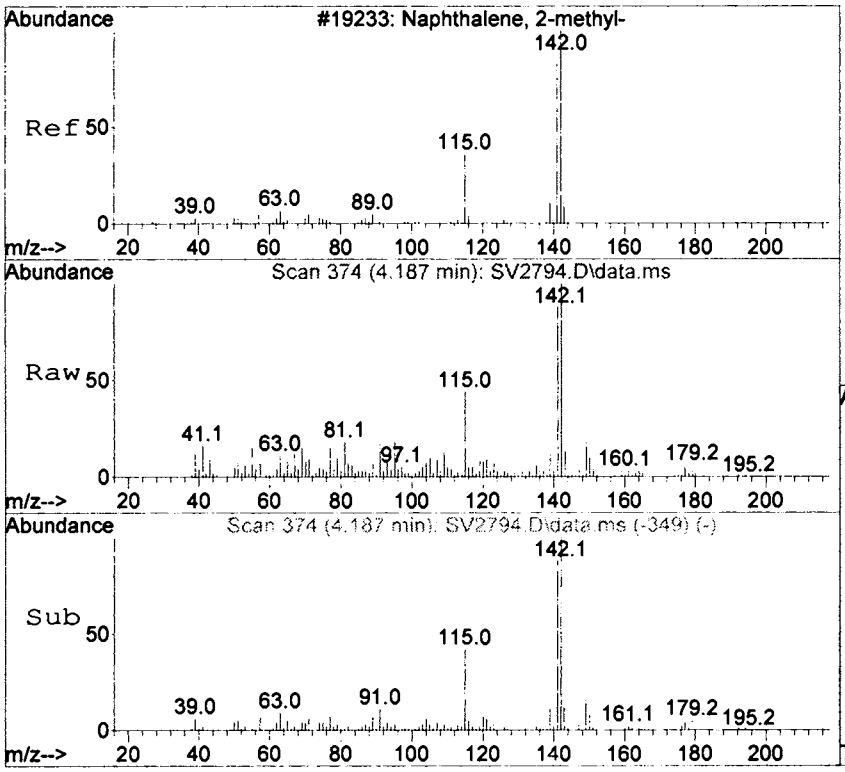
m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2794.D
Acq On : 7 Mar 2022 12:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

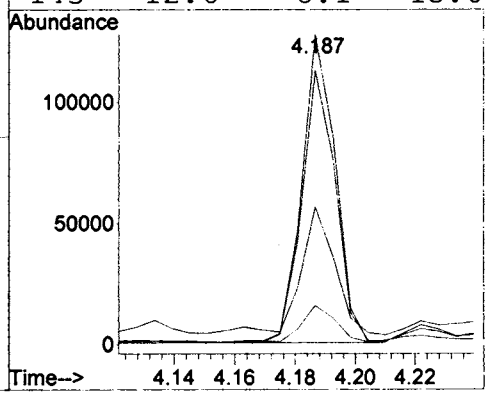


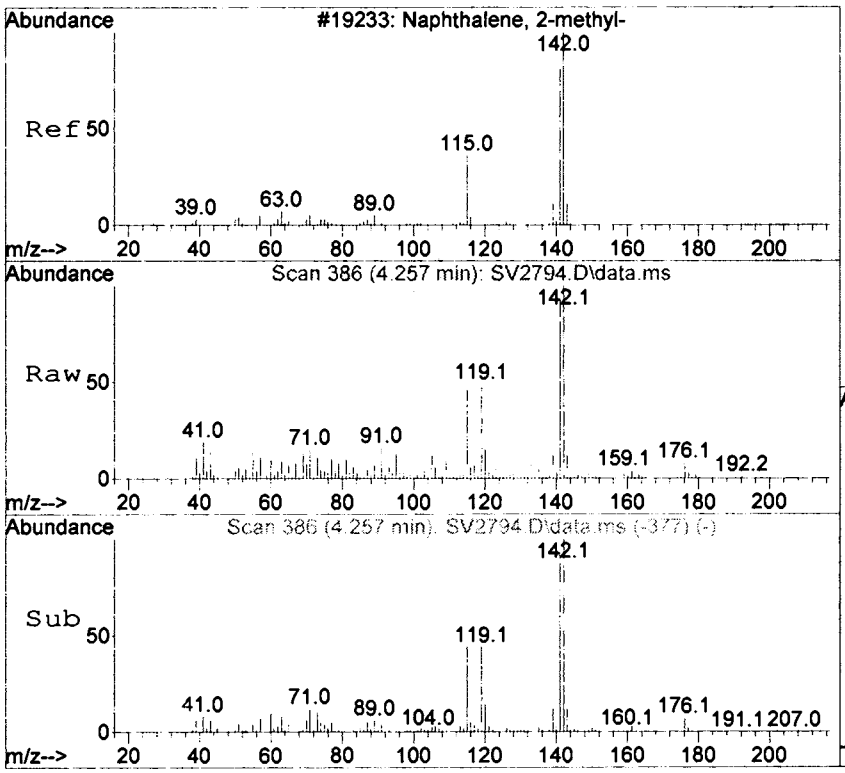


#36
2-Methylnaphthalene
Concen: 4.36 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: SV2794.D
Acq: 7 Mar 2022 12:11 am

Tgt Ion:142 Resp: 97967

Ion	Ratio	Lower	Upper
142	100		
141	89.0	60.6	112.6
115	44.7	27.1	50.3
143	12.6	8.1	15.0

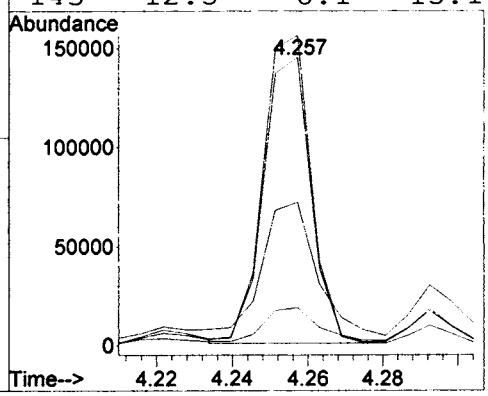


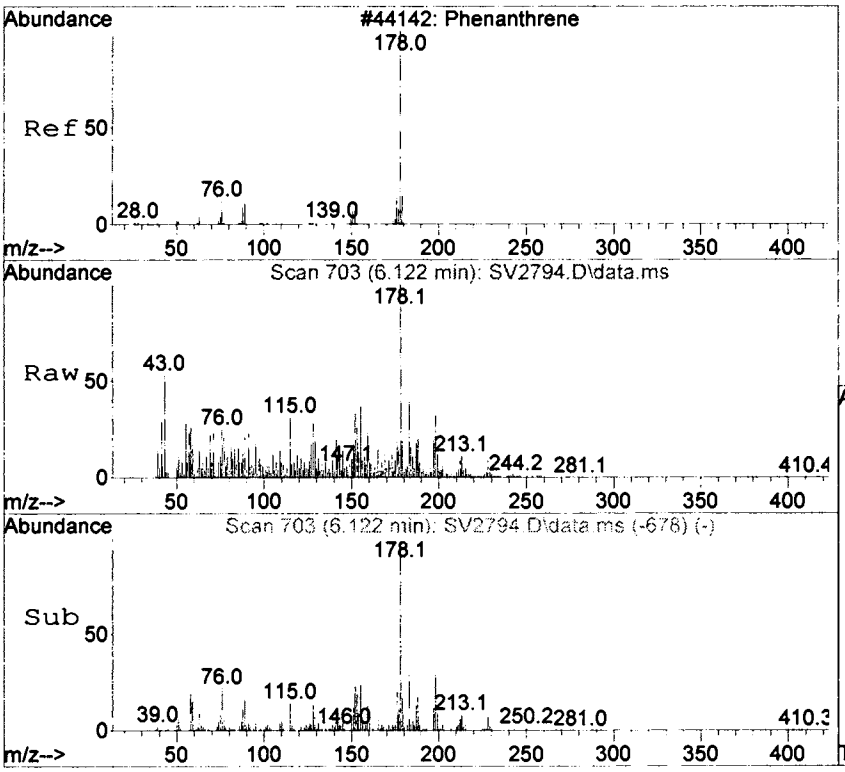


#37
1-Methylnaphthalene
Concen: 6.59 ng/uL
RT: 4.257 min Scan# 386
Delta R.T. 0.006 min
Lab File: SV2794.D
Acq: 7 Mar 2022 12:11 am

Tgt Ion:142 Resp: 136662

Ion	Ratio	Lower	Upper
142	100		
141	91.2	63.2	117.4
115	51.8	28.1	52.1
143	12.5	8.1	15.1

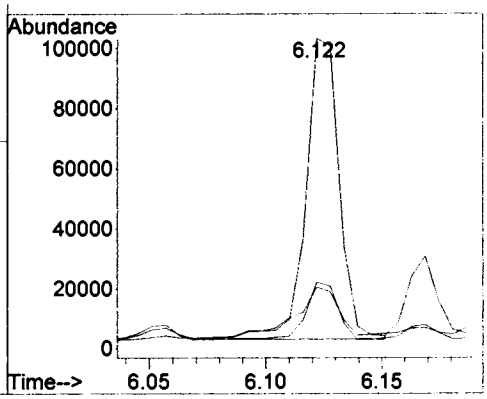




#71
Phenanthrene
Concen: 3.44 ng/uL
RT: 6.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: SV2794.D
Acq: 7 Mar 2022 12:11 am

Tgt Ion:178 Resp: 100805

Ion	Ratio	Lower	Upper
178	100		
179	22.9	10.7	19.9#
176	17.9	13.5	25.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2795.D
Acq On : 7 Mar 2022 12:33 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4		3.152	152	384046	40.00	ng/uL	0.02
24) Naphthalene-d8		3.799	136	1499142	40.00	ng/uL	0.03
38) Acenaphthene-d10		4.934	164	729436	40.00	ng/uL	0.02
67) Phenanthrene-d10		6.122	188	1160845	40.00	ng/uL	0.02
76) Chrysene-d12		8.751	240	944984	40.00	ng/uL	0.02
87) Perylene-d12		11.257	264	956412	40.00	ng/uL	0.05
System Monitoring Compounds							
5) 2-Fluorophenol		2.616	112	179795	13.24	ng/uL	0.02
Spiked Amount	75.000	Range 10 - 120		Recovery =	17.65%		
6) Phenol-d5		2.963	99	237066	13.12	ng/uL	0.02
Spiked Amount	75.000	Range 39 - 120		Recovery =	17.49%#		
10) 2-Chlorophenol-d4		3.057	132	159447	12.53	ng/uL	0.02
Spiked Amount	75.000	Range 30 - 120		Recovery =	16.71%#		
14) 1,2-Dichlorobenzene-d4		3.228	150	107261	6.86	ng/uL	0.02
Spiked Amount	75.000	Range 16 - 120		Recovery =	9.15%#		
23) Nitrobenzene-d5		3.404	82	142243	7.96	ng/uL	0.02
Spiked Amount	50.000	Range 43 - 120		Recovery =	15.92%#		
42) 2-Fluorobiphenyl		4.434	172	201857	8.40	ng/uL	0.03
Spiked Amount	50.000	Range 43 - 120		Recovery =	16.80%#		
68) 2,4,6-Tribromophenol		5.545	330	38296	13.85	ng/uL	0.02
Spiked Amount	75.000	Range 27 - 134		Recovery =	18.47%#		
85) p-Terphenyl-d14		7.510	244	200402	8.47	ng/uL	0.02
Spiked Amount	50.000	Range 29 - 126		Recovery =	16.94%#		
Target Compounds							Qvalue

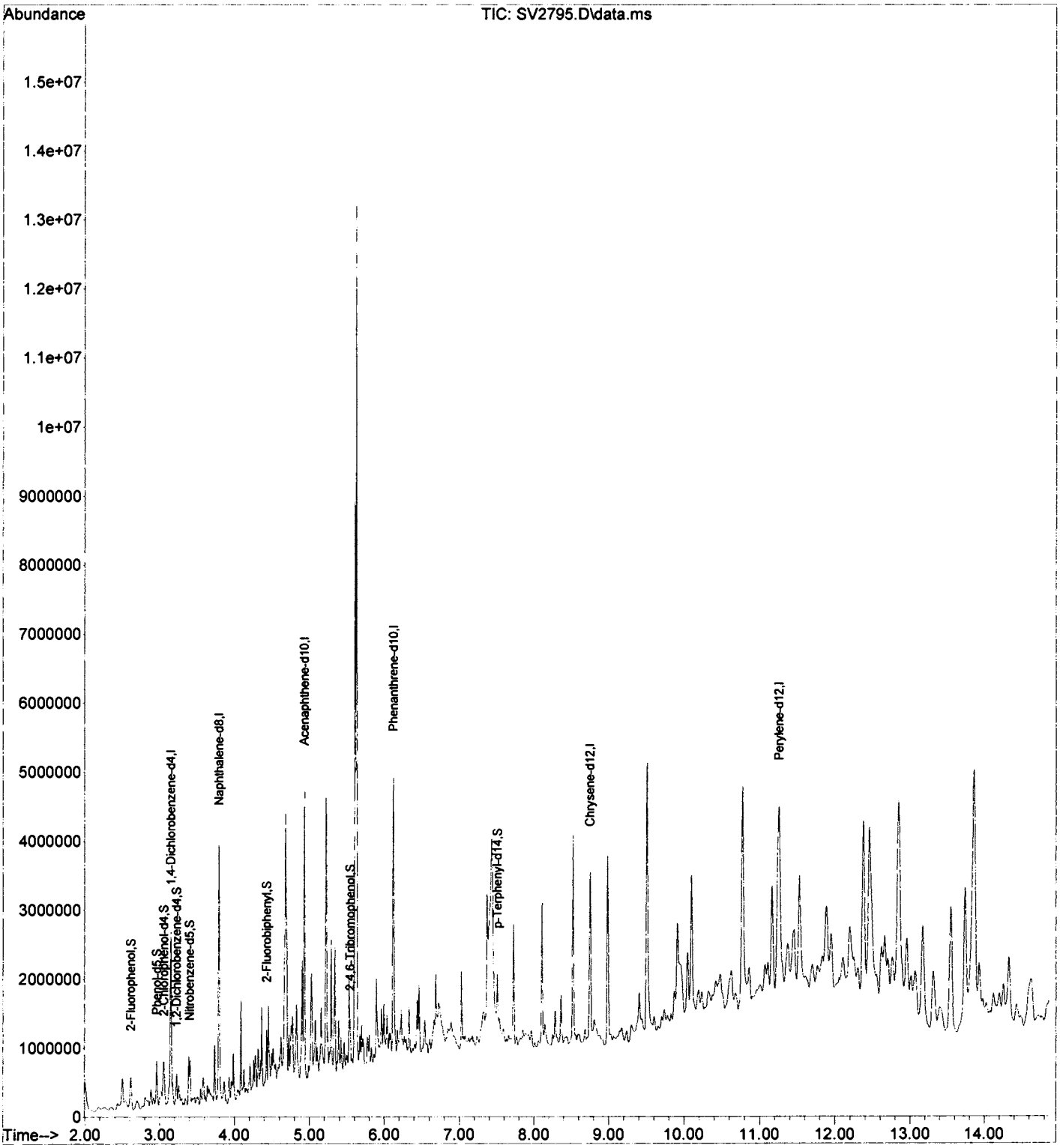
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2795.D
Acq On : 7 Mar 2022 12:33 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2796.D
Acq On : 7 Mar 2022 12:50 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	332243	40.00	ng/uL	0.01
24) Naphthalene-d8	3.775	136	1319063	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	662476	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1080072	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	903061	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	913711	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	67466	5.74	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 7.65%#			
6) Phenol-d5	2.951	99	94088	6.02	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 8.03%#			
10) 2-Chlorophenol-d4	3.046	132	64169	5.83	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery = 7.77%#			
14) 1,2-Dichlorobenzene-d4	3.216	150	50805	3.75	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 5.00%#			
23) Nitrobenzene-d5	3.393	82	68564	4.44	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 8.88%#			
42) 2-Fluorobiphenyl	4.410	172	102008	4.67	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 9.34%#			
68) 2,4,6-Tribromophenol	5.528	330	16446	6.51	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 8.68%#			
85) p-Terphenyl-d14	7.498	244	104147	4.61	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 9.22%#			
Target Compounds						Qvalue

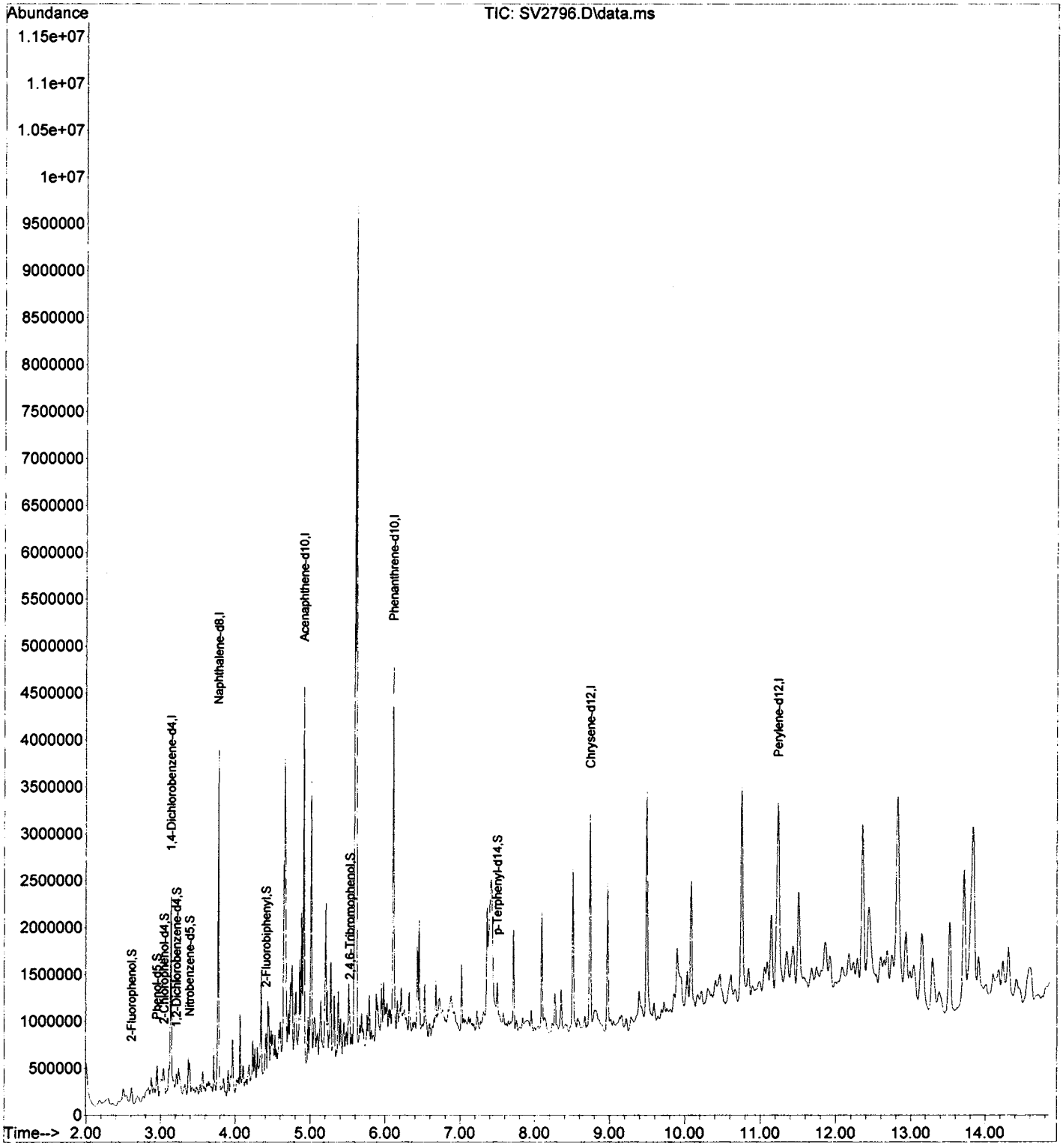
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2796.D
Acq On : 7 Mar 2022 12:50 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2797.D
Acq On : 7 Mar 2022 1:08 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-3
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	343599	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1366072	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	681911	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1106064	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	919397	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	908740	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	70671	5.82	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	7.76%#		
6) Phenol-d5	2.952	99	93319	5.77	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	7.69%#		
10) 2-Chlorophenol-d4	3.046	132	63869	5.61	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	7.48%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	52885	3.78	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	5.04%#		
23) Nitrobenzene-d5	3.387	82	75311	4.71	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.42%#		
42) 2-Fluorobiphenyl	4.410	172	105369	4.69	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.38%#		
68) 2,4,6-Tribromophenol	5.522	330	16517	6.39	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	8.52%#		
85) p-Terphenyl-d14	7.498	244	108457	4.71	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	9.42%#		
Target Compounds						Qvalue

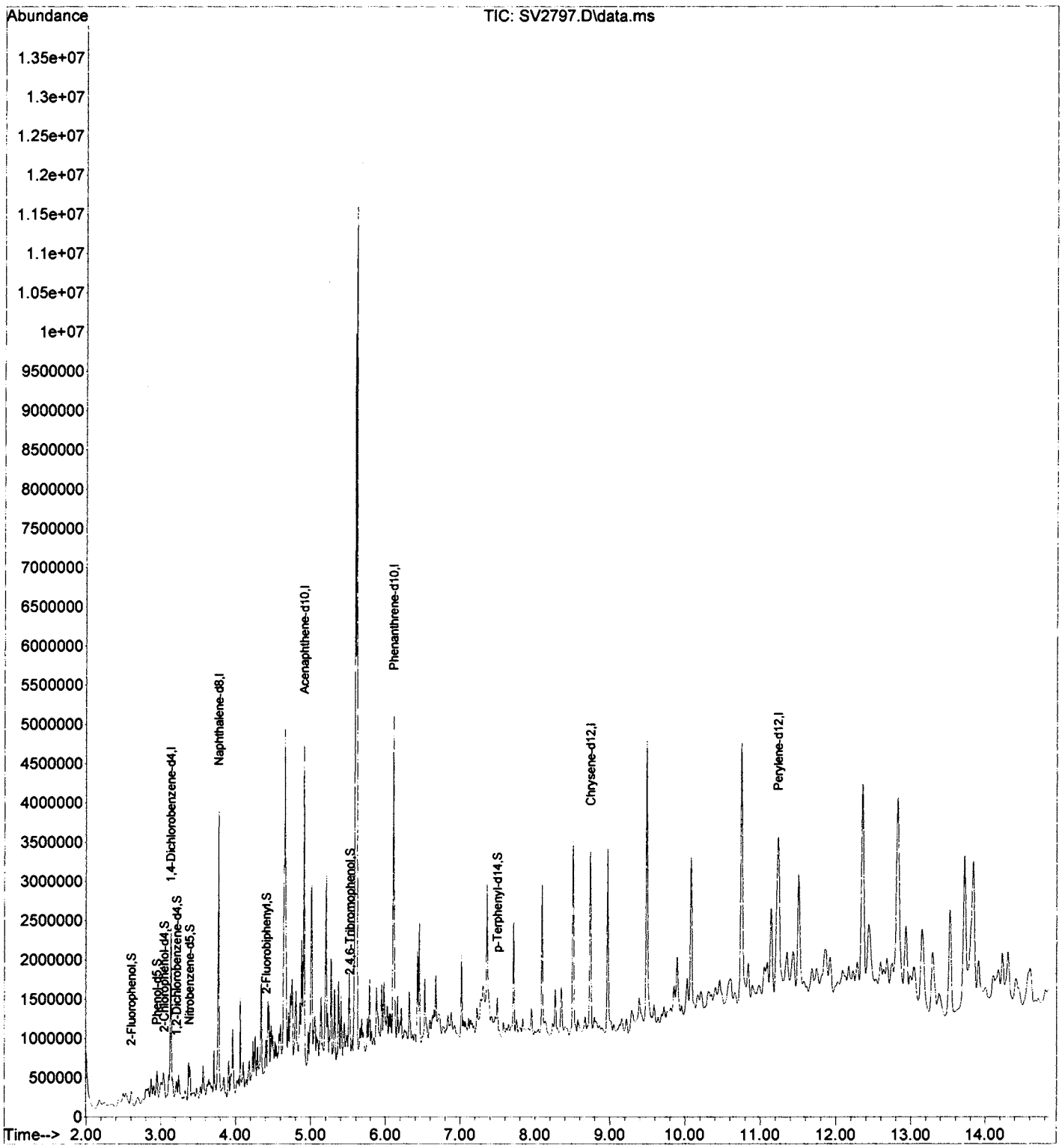
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2797.D
Acq On : 7 Mar 2022 1:08 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-3
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2798.D
Acq On : 7 Mar 2022 1:26 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-4
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	335015	40.00	ng/uL	0.01
24) Naphthalene-d8	3.775	136	1339398	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	670267	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1093688	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	909061	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	858750	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	51892	4.38	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	5.84%#		
6) Phenol-d5	2.993	99	18143	1.15	ng/uL	0.05
Spiked Amount 75.000	Range 39 - 120		Recovery =	1.53%#		
10) 2-Chlorophenol-d4	3.046	132	47307	4.26	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	5.68%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	38619	2.83	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.77%#		
23) Nitrobenzene-d5	3.393	82	53584	3.44	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.88%#		
42) 2-Fluorobiphenyl	4.410	172	74509	3.37	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.74%#		
68) 2,4,6-Tribromophenol	5.522	330	11702	4.60	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	6.13%#		
85) p-Terphenyl-d14	7.498	244	77327	3.40	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	6.80%#		
Target Compounds						Qvalue

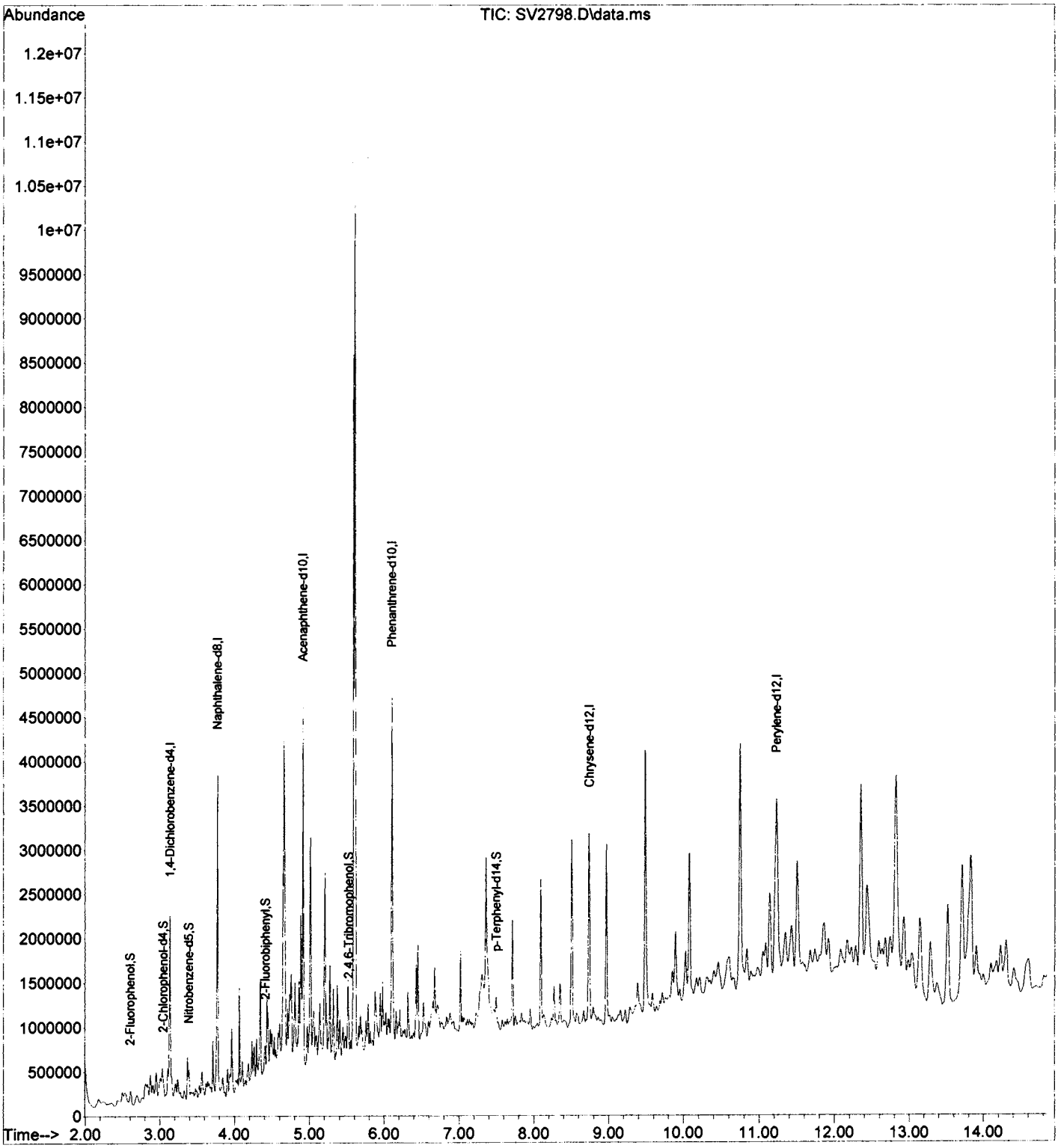
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2798.D
Acq On : 7 Mar 2022 1:26 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-4
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2799.D
Acq On : 7 Mar 2022 1:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-7
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	320610	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1270193	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	636640	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1036988	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	860589	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	788645	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	31917	2.82	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	3.76%#		
6) Phenol-d5	2.951	99	42153	2.79	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	3.72%#		
10) 2-Chlorophenol-d4	3.046	132	29048	2.73	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	3.64%#		
14) 1,2-Dichlorobenzene-d4	3.210	150	24487	1.88	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	2.51%#		
23) Nitrobenzene-d5	3.393	82	35435	2.38	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.76%#		
42) 2-Fluorobiphenyl	4.404	172	47123	2.25	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.50%#		
68) 2,4,6-Tribromophenol	5.522	330	7255	3.02	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	4.03%#		
85) p-Terphenyl-d14	7.498	244	49141	2.28	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	4.56%#		
Target Compounds						Qvalue

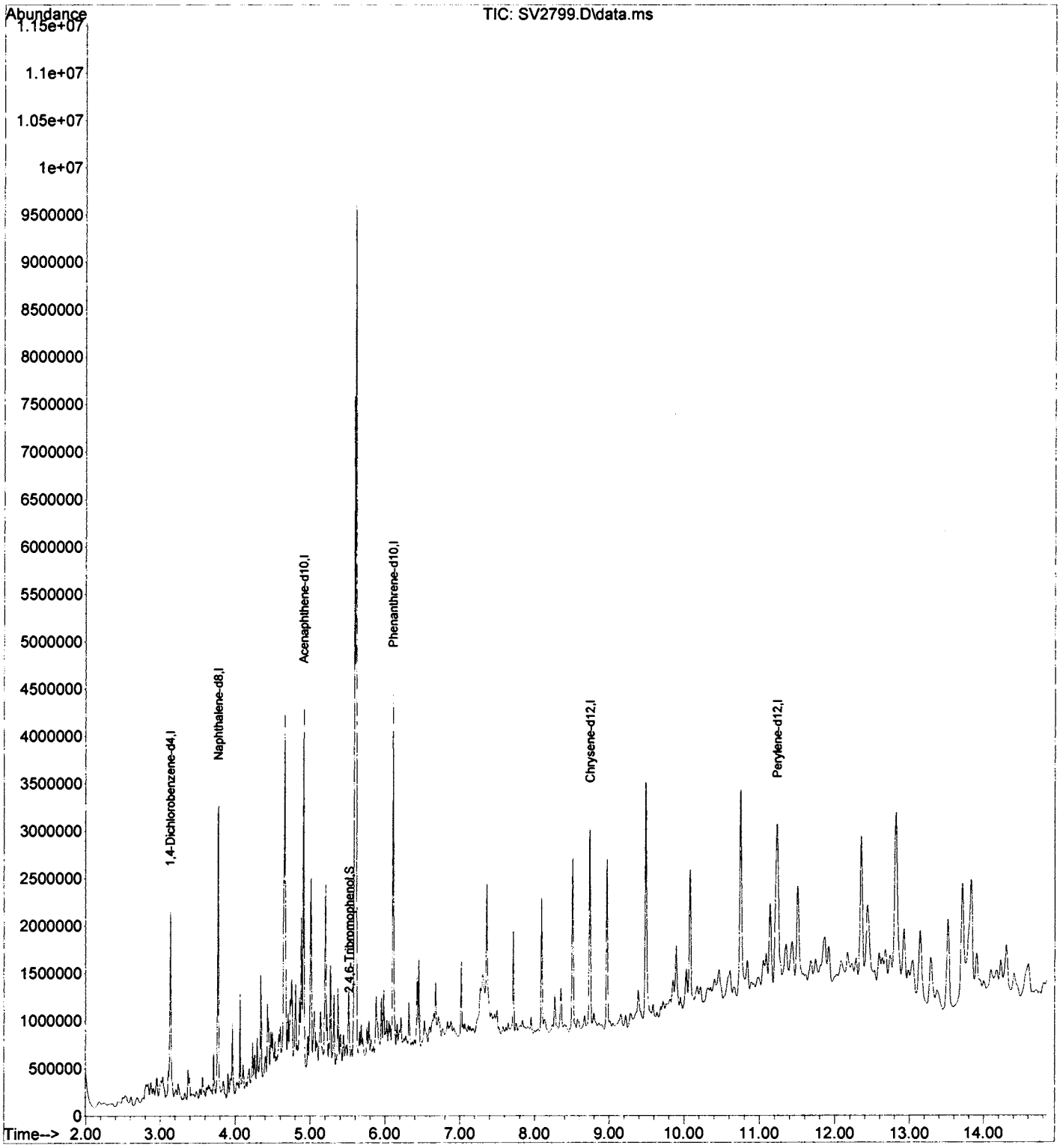
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2799.D
Acq On : 7 Mar 2022 1:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-7
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2800.D
Acq On : 7 Mar 2022 2:02 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-8
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	333565	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1332527	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	666806	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1076444	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	881846	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	804918	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	38338	3.25	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	4.33%#		
6) Phenol-d5	2.952	99	52265	3.33	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	4.44%#		
10) 2-Chlorophenol-d4	3.040	132	35465	3.21	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	4.28%#		
14) 1,2-Dichlorobenzene-d4	3.210	150	27437	2.02	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	2.69%#		
23) Nitrobenzene-d5	3.387	82	37937	2.45	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.90%#		
42) 2-Fluorobiphenyl	4.404	172	51676	2.35	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.70%#		
68) 2,4,6-Tribromophenol	5.522	330	8383	3.36	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	4.48%#		
85) p-Terphenyl-d14	7.498	244	52831	2.39	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	4.78%#		
Target Compounds						Qvalue

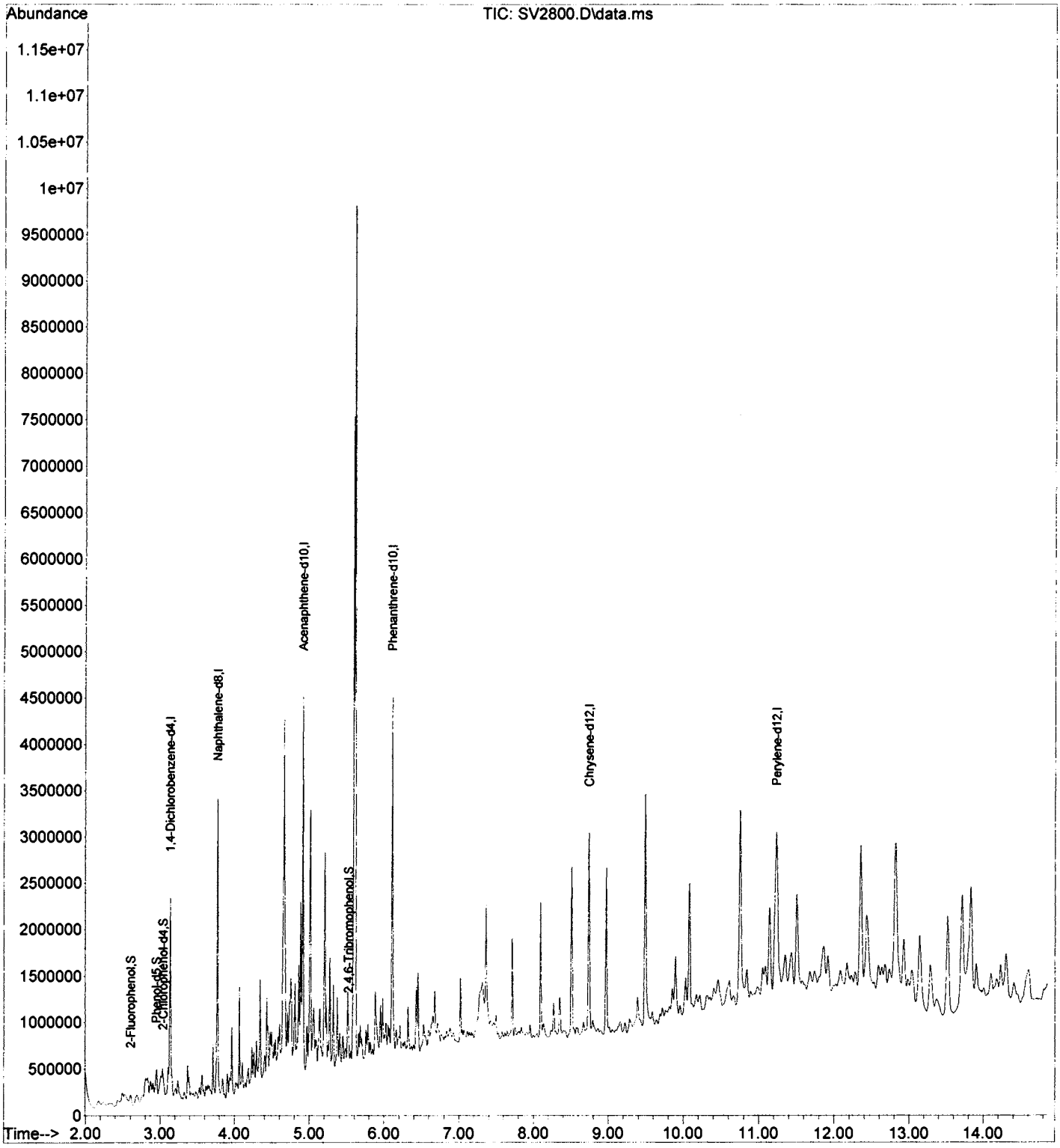
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2800.D
Acq On : 7 Mar 2022 2:02 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-8
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2813.D
Acq On : 7 Mar 2022 7:18 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2203436-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	300516	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1222520	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	624684	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1048586	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	898680	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	910198	40.00	ng/uL	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	623837	58.72	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 78.29%			
6) Phenol-d5	2.946	99	884141	62.52	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 83.36%			
10) 2-Chlorophenol-d4	3.040	132	572195	57.47	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 76.63%			
14) 1,2-Dichlorobenzene-d4	3.210	150	360096	29.42	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.23%			
23) Nitrobenzene-d5	3.387	82	508715	36.39	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 72.78%			
42) 2-Fluorobiphenyl	4.404	172	797070	38.72	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 77.44%			
68) 2,4,6-Tribromophenol	5.522	330	169913	61.01	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 81.35%			
85) p-Terphenyl-d14	7.498	244	921960	40.98	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.96%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.692	149	15095	3.65	ng/uL#	91

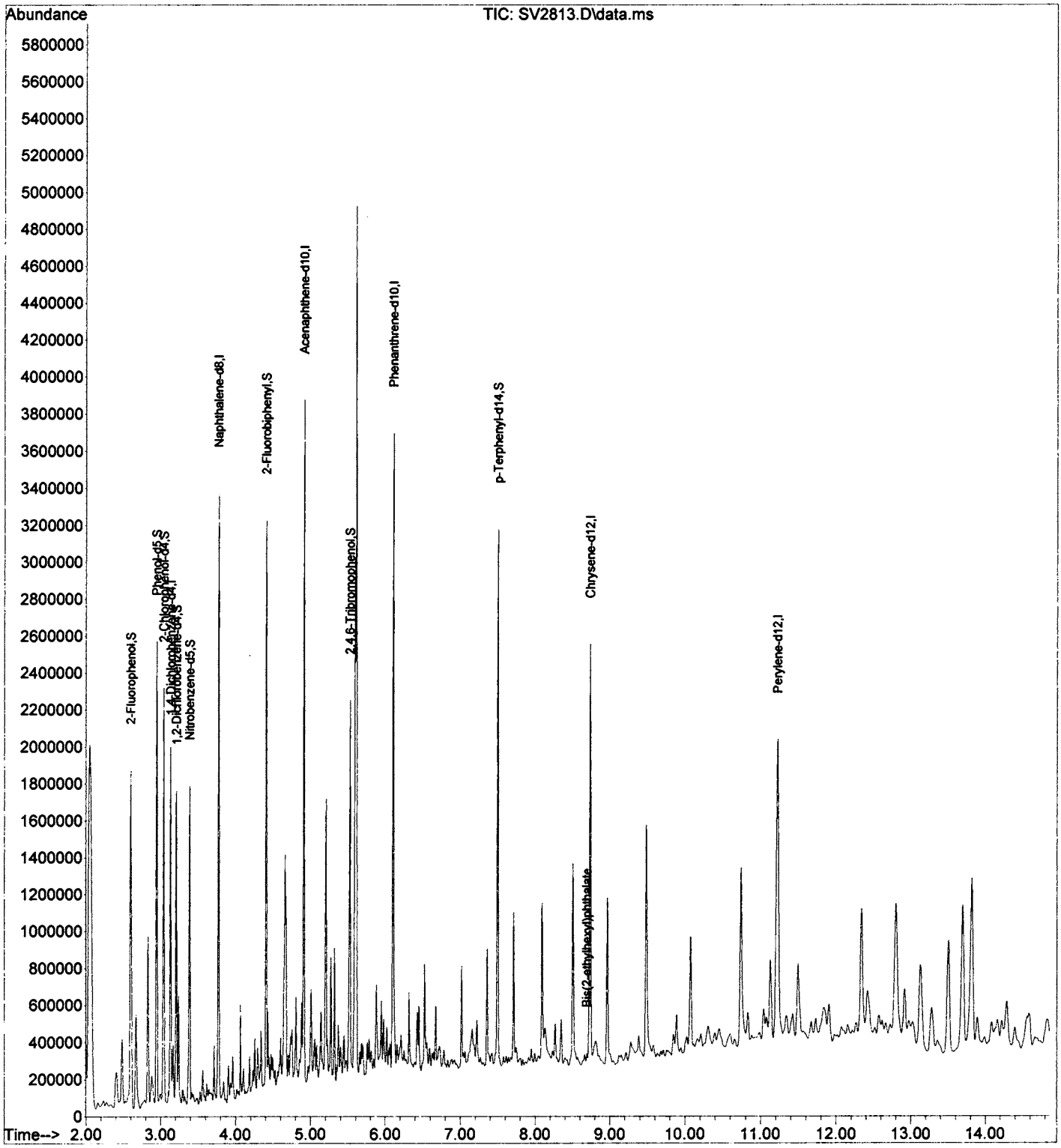
(#) = qualifier out of range (m) = manual integration (+) = signals summed

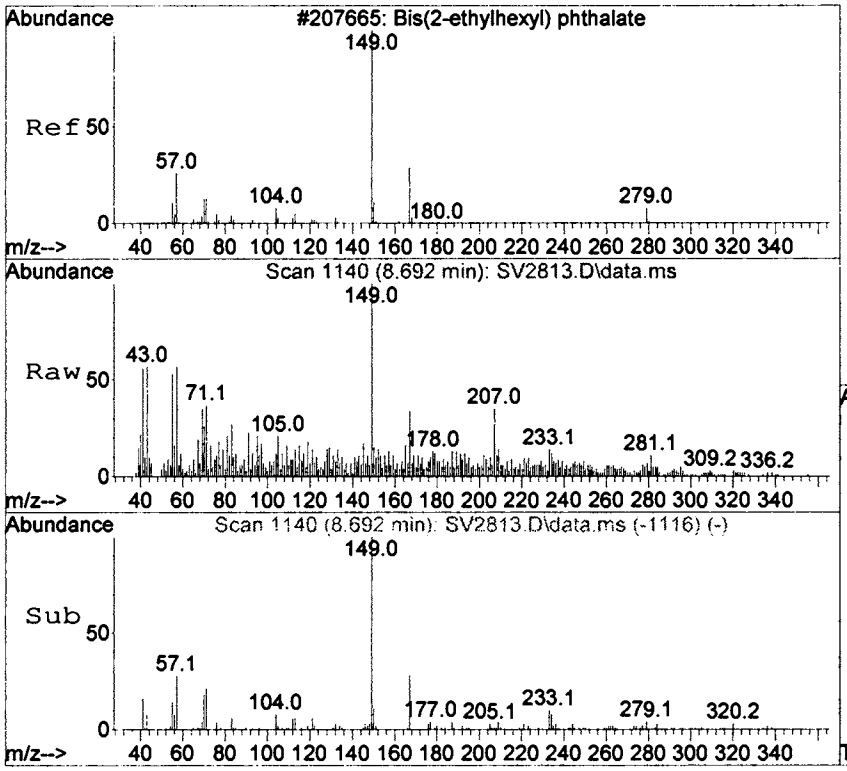
3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2813.D
Acq On : 7 Mar 2022 7:18 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2203436-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

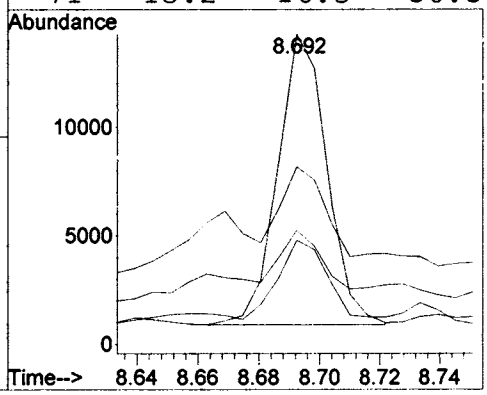




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.65 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2813.D
Acq: 7 Mar 2022 7:18 pm

Tgt Ion:149 Resp: 15095

Ion	Ratio	Lower	Upper
149	100		
167	30.0	19.3	35.9
57	36.3	22.4	41.6
71	15.2	16.3	30.3#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2817.D
Acq On : 7 Mar 2022 11:20 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-5 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	309606	40.00	ng/uL	0.01
24) Naphthalene-d8	3.781	136	1241930	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.916	164	629098	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	1030004	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	845881	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	879367	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	40345	3.69	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery =	4.92%#		
6) Phenol-d5	2.957	99	54435	3.74	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery =	4.99%#		
10) 2-Chlorophenol-d4	3.051	132	38575	3.76	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	5.01%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	30348	2.41	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.21%#		
23) Nitrobenzene-d5	3.398	82	45328	3.15	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.30%#		
42) 2-Fluorobiphenyl	4.416	172	66613	3.21	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.42%#		
68) 2,4,6-Tribromophenol	5.528	330	10861	4.53	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	6.04%#		
85) p-Terphenyl-d14	7.498	244	70475	3.33	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	6.66%#		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

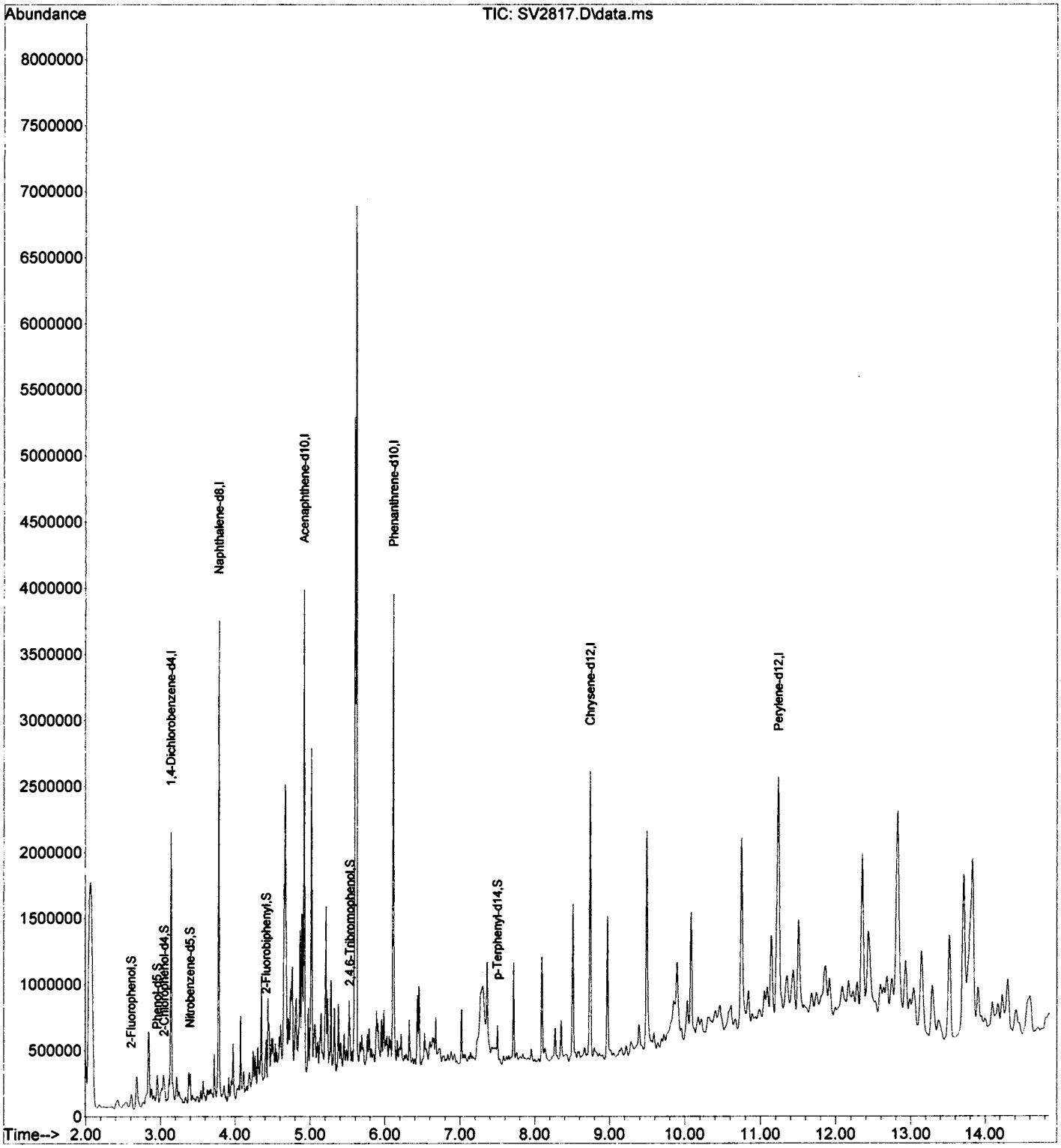
analyzed @ 2X due to the high viscosity of the extract

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2817.D
Acq On : 7 Mar 2022 11:20 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-5 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2818.D
Acq On : 7 Mar 2022 11:38 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-6 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	297255	40.00	ng/uL	0.01
24) Naphthalene-d8	3.775	136	1199279	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	611696	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	995660	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	808380	40.00	ng/uL	0.00
87) Perylene-d12	11.227	264	836313	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	54033	5.14	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery =	6.85%#		
6) Phenol-d5	2.951	99	71361	5.10	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	6.80%#		
10) 2-Chlorophenol-d4	3.045	132	48784	4.95	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	6.60%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	33880	2.80	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.73%#		
23) Nitrobenzene-d5	3.393	82	48416	3.50	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	7.00%#		
42) 2-Fluorobiphenyl	4.404	172	71659	3.55	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	7.10%#		
68) 2,4,6-Tribromophenol	5.522	330	13419	5.77	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	7.69%#		
85) p-Terphenyl-d14	7.498	244	75442	3.73	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	7.46%#		
Target Compounds						Qvalue

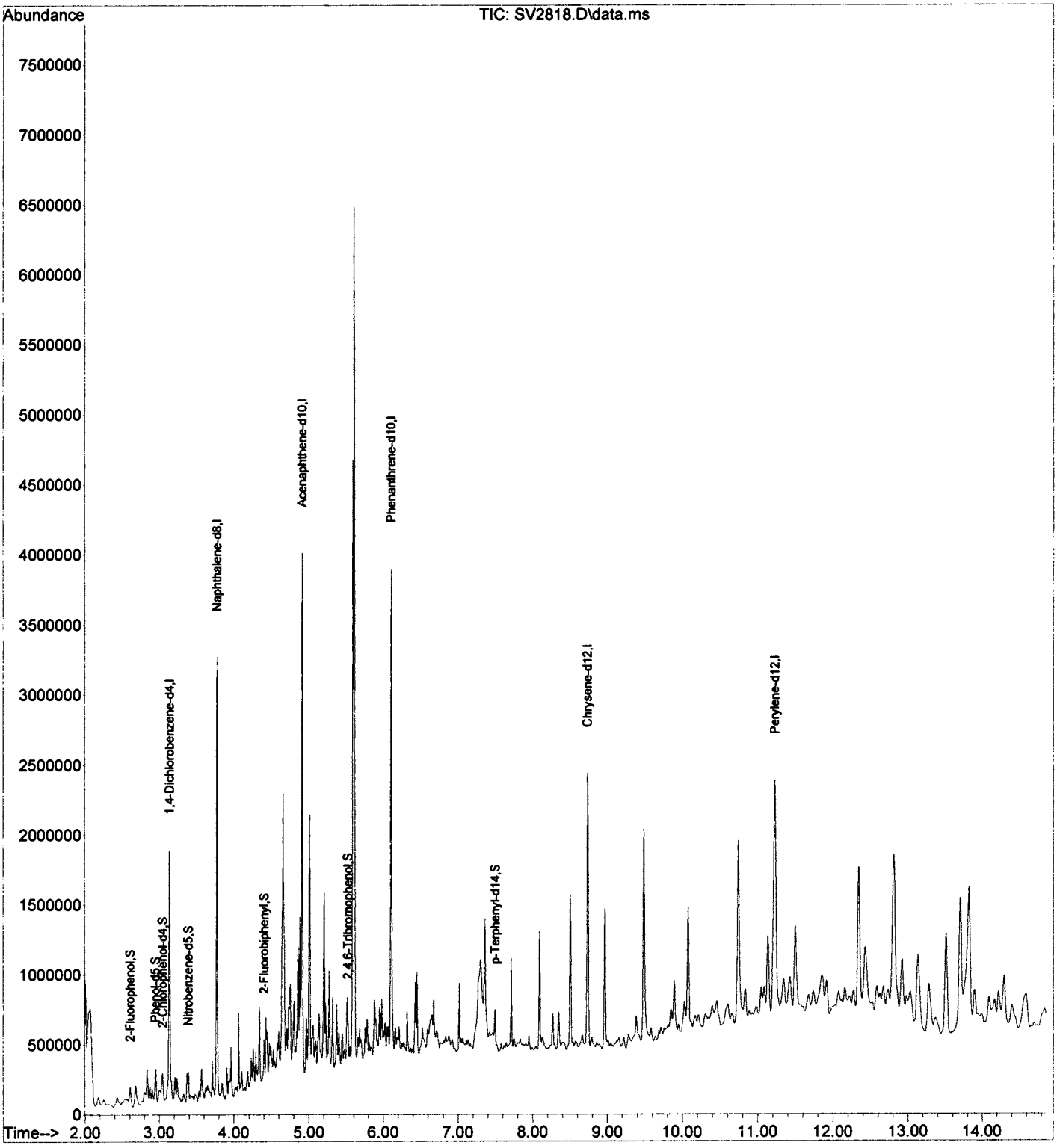
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2818.D
Acq On : 7 Mar 2022 11:38 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-6 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

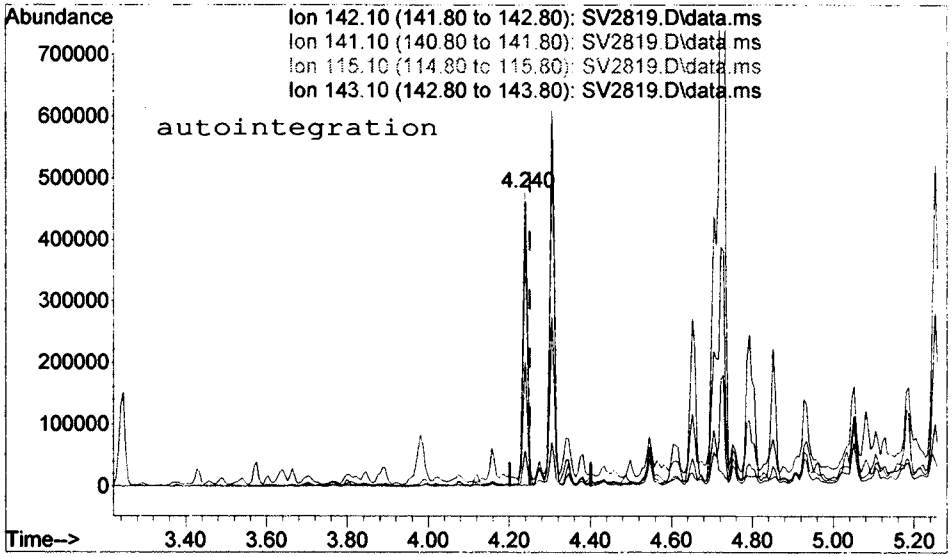
Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2819.D
Acq On : 8 Mar 2022 12:09 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.163	152	300958	40.00	ng/uL	0.04
24) Naphthalene-d8	3.822	136	1224084	40.00	ng/uL	0.05
38) Acenaphthene-d10	4.957	164	607177	40.00	ng/uL	0.05
67) Phenanthrene-d10	6.139	188	995035	40.00	ng/uL	0.04
76) Chrysene-d12	8.780	240	829458	40.00	ng/uL	0.05
87) Perylene-d12	11.327	264	868625	40.00	ng/uL	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	2.616	112	518277	48.71	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 64.95%			
6) Phenol-d5	2.975	99	687805	48.56	ng/uL	0.03
Spiked Amount 75.000	Range 39 - 120		Recovery = 64.75%			
10) 2-Chlorophenol-d4	3.069	132	450413	45.17	ng/uL	0.03
Spiked Amount 75.000	Range 30 - 120		Recovery = 60.23%			
14) 1,2-Dichlorobenzene-d4	3.245	150	307444	25.08	ng/uL	0.04
Spiked Amount 75.000	Range 16 - 120		Recovery = 33.44%			
23) Nitrobenzene-d5	3.428	82	455485	32.54	ng/uL	0.04
Spiked Amount 50.000	Range 43 - 120		Recovery = 65.08%			
42) 2-Fluorobiphenyl	4.463	172	613878	30.68	ng/uL	0.05
Spiked Amount 50.000	Range 43 - 120		Recovery = 61.36%			
68) 2,4,6-Tribromophenol	5.569	330	119772	46.78	ng/uL	0.05
Spiked Amount 75.000	Range 27 - 134		Recovery = 62.37%			
85) p-Terphenyl-d14	7.528	244	651959	31.40	ng/uL	0.03
Spiked Amount 50.000	Range 29 - 126		Recovery = 62.80%			
Target Compounds						Qvalue
37) 1-Methylnaphthalene	4.304	142	468659m	23.89	ng/uL	
75) Fluoranthene	7.198	202	174085	6.41	ng/uL	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22



TIC: SV2819.D\data.ms

(37) 1-Methylnaphthalene (T)
4.240min (-0.012) 18.26 ng/uL
response 358182

Ion	Exp%	Act%
142.10	100.00	100.00
141.10	91.20	88.64
115.10	40.80	40.44
143.10	11.20	12.00

Reason for manual re-integration?

[X] missed peak assignment

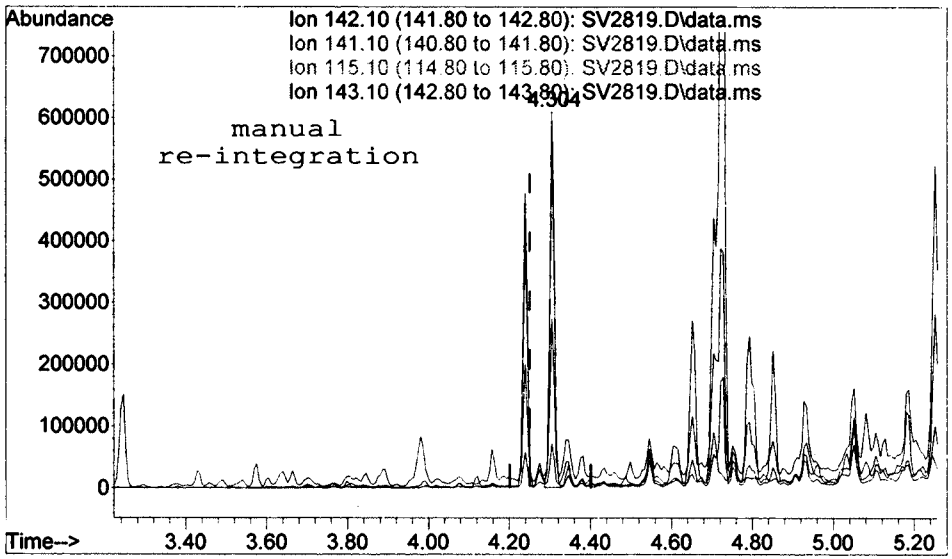
[ ] peak saturation (detector shutdown)

[ ] over-integrated peak's area

[ ] under-integrated peak's area

[ ] other (_____)

initials: CM date: 3/12/22



TIC: SV2819.D\data.ms

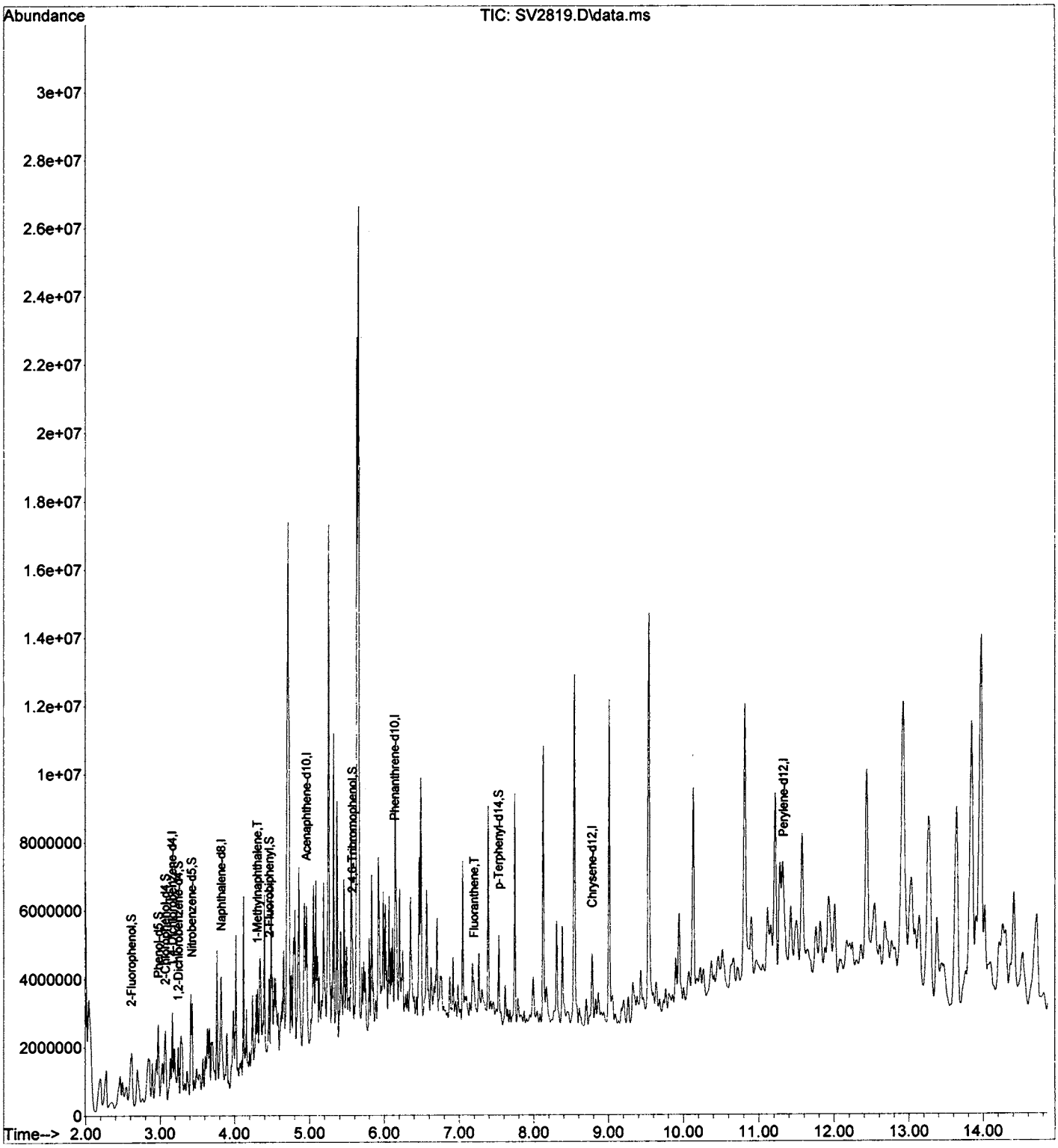
(37) 1-Methylnaphthalene (T)
4.304min (+ 0.053) 23.89 ng/uL m
response 468659

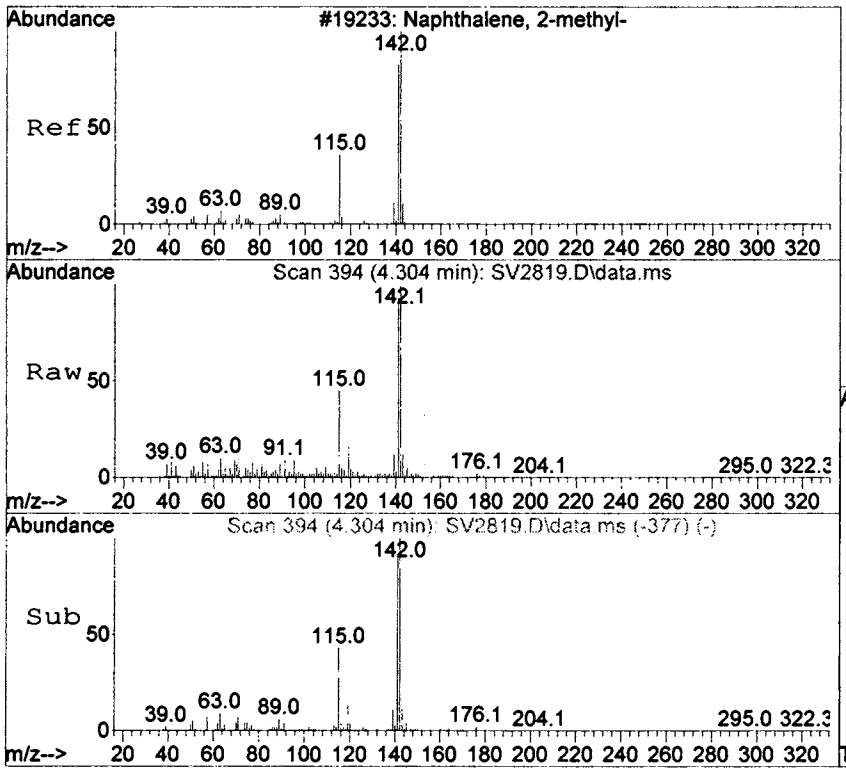
Ion	Exp%	Act%
142.10	100.00	100.00
141.10	91.20	67.75
115.10	40.80	30.91
143.10	11.20	9.17

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2819.D
Acq On : 8 Mar 2022 12:09 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

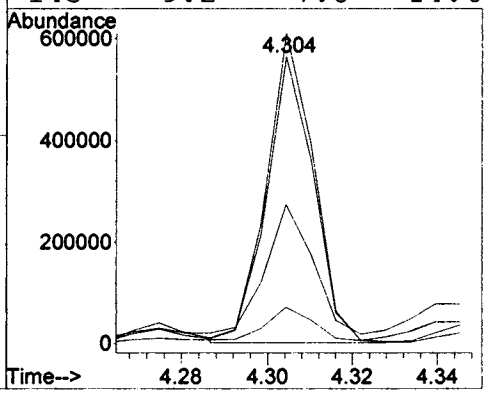


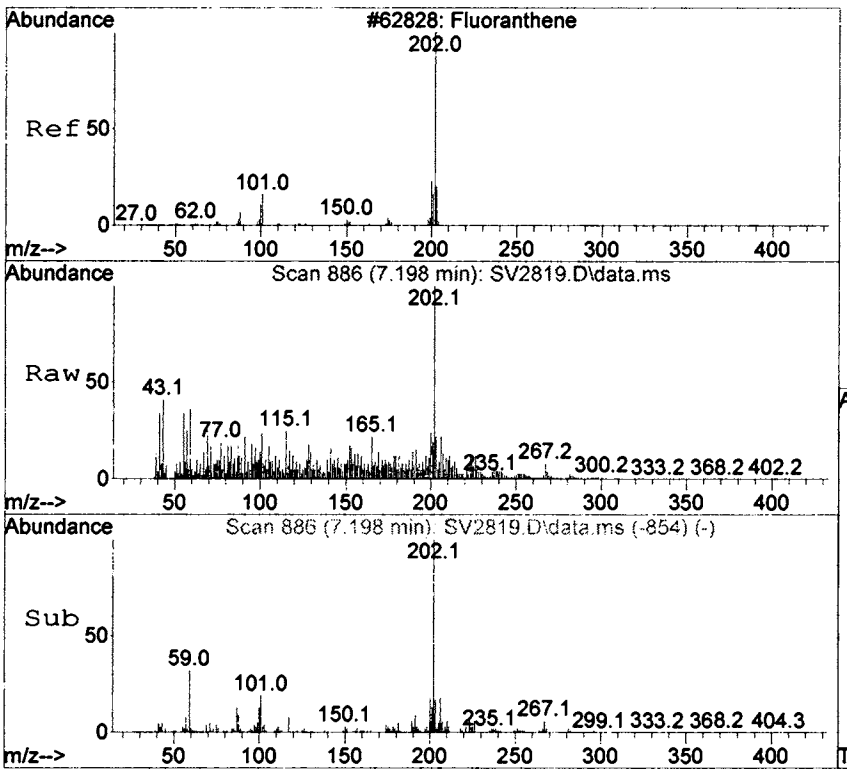


#37
1-Methylnaphthalene
Concen: 23.89 ng/uL m
RT: 4.304 min Scan# 394
Delta R.T. 0.053 min
Lab File: SV2819.D
Acq: 8 Mar 2022 12:09 am

Tgt Ion:142 Resp: 468659

Ion	Ratio	Lower	Upper
142	100		
141	67.7	63.8	118.6
115	30.9	28.6	53.0
143	9.2	7.8	14.6

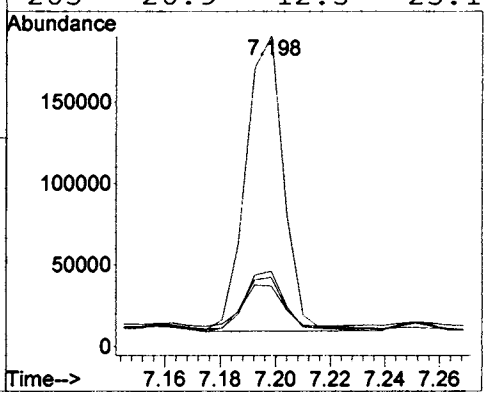




#75
Fluoranthene
Concen: 6.41 ng/uL
RT: 7.198 min Scan# 886
Delta R.T. 0.041 min
Lab File: SV2819.D
Acq: 8 Mar 2022 12:09 am

Tgt Ion:202 Resp: 174085

Ion	Ratio	Lower	Upper
202	100		
200	21.1	14.4	26.8
201	14.4	10.2	19.0
203	20.9	12.5	23.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2827.D
Acq On : 8 Mar 2022 5:59 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	259572	40.00	ng/uL	0.02
24) Naphthalene-d8	3.775	136	1056265	40.00	ng/uL	0.02
38) Acenaphthene-d10	4.916	164	545246	40.00	ng/uL	0.02
67) Phenanthrene-d10	6.104	188	934429	40.00	ng/uL	0.02
76) Chrysene-d12	8.727	240	797917	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	792967	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.598	112	615655	67.09	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 89.45%			
6) Phenol-d5	2.945	99	861779	70.55	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 94.07%			
10) 2-Chlorophenol-d4	3.040	132	559041	65.00	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 86.67%			
14) 1,2-Dichlorobenzene-d4	3.210	150	355983	33.67	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 44.89%			
23) Nitrobenzene-d5	3.387	82	506708	41.97	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.94%			
42) 2-Fluorobiphenyl	4.410	172	753228	41.92	ng/uL	0.02
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.84%			
68) 2,4,6-Tribromophenol	5.528	330	166653	66.37	ng/uL	0.02
Spiked Amount 75.000	Range 27 - 134		Recovery = 88.49%			
85) p-Terphenyl-d14	7.492	244	902281	45.17	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 90.34%			
Target Compounds						Qvalue

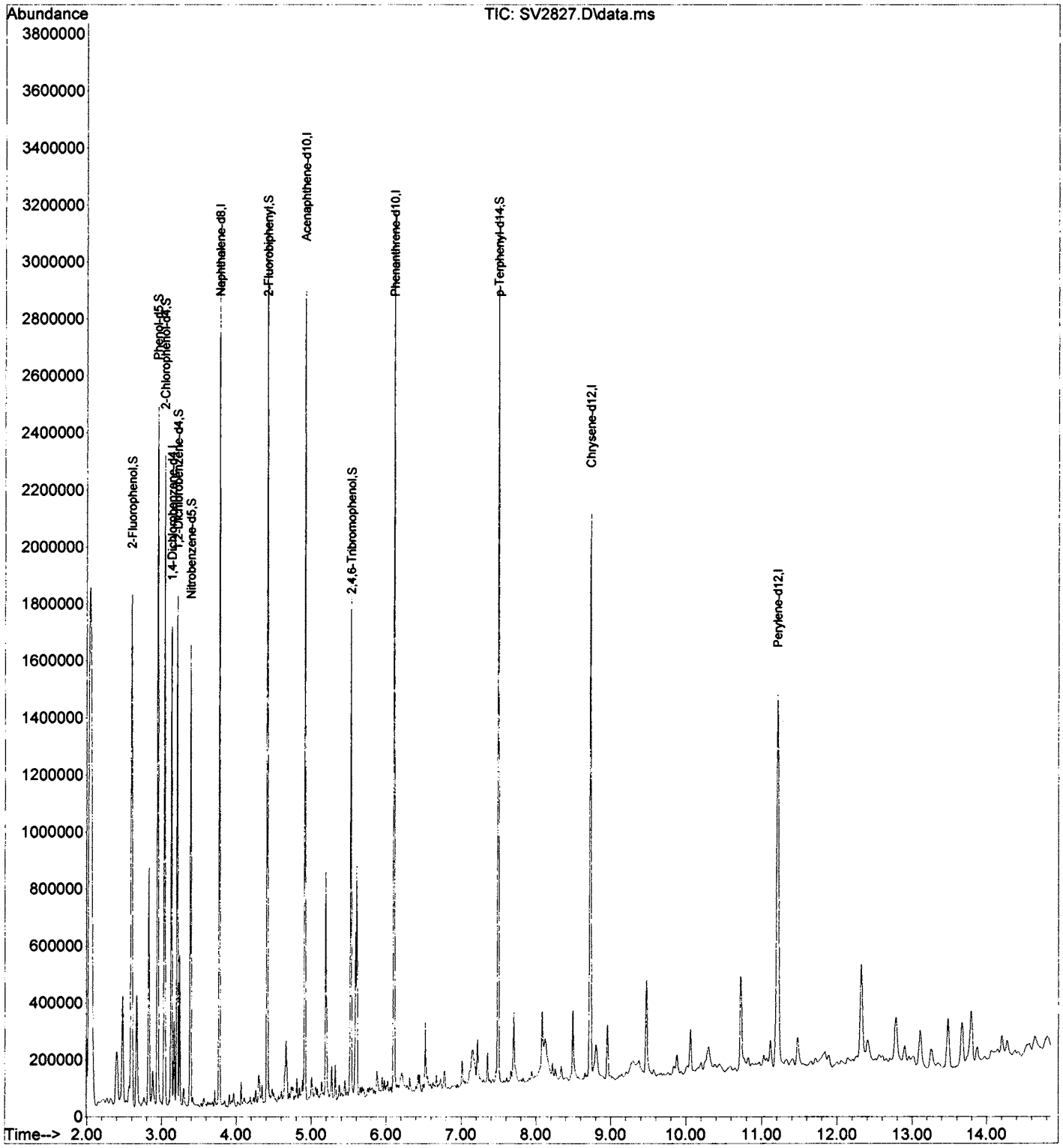
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2827.D
Acq On : 8 Mar 2022 5:59 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2828.D
Acq On : 8 Mar 2022 6:17 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	263487	40.00	ng/uL	0.01
24) Naphthalene-d8	3.769	136	1066522	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	545755	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	934409	40.00	ng/uL	0.01
76) Chrysene-d12	8.722	240	784934	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	779622	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	503197	54.02	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 72.03%			
6) Phenol-d5	2.946	99	715485	57.70	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.93%			
10) 2-Chlorophenol-d4	3.040	132	461852	52.90	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.53%			
14) 1,2-Dichlorobenzene-d4	3.205	150	284093	26.47	ng/uL	0.01
Spiked Amount 75.000	Range 16 - 120		Recovery = 35.29%			
23) Nitrobenzene-d5	3.381	82	408143	33.30	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 66.60%			
42) 2-Fluorobiphenyl	4.404	172	625913	34.80	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 69.60%			
68) 2,4,6-Tribromophenol	5.516	330	130539	53.48	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 71.31%			
85) p-Terphenyl-d14	7.487	244	719264	36.60	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 73.20%			
Target Compounds						Qvalue

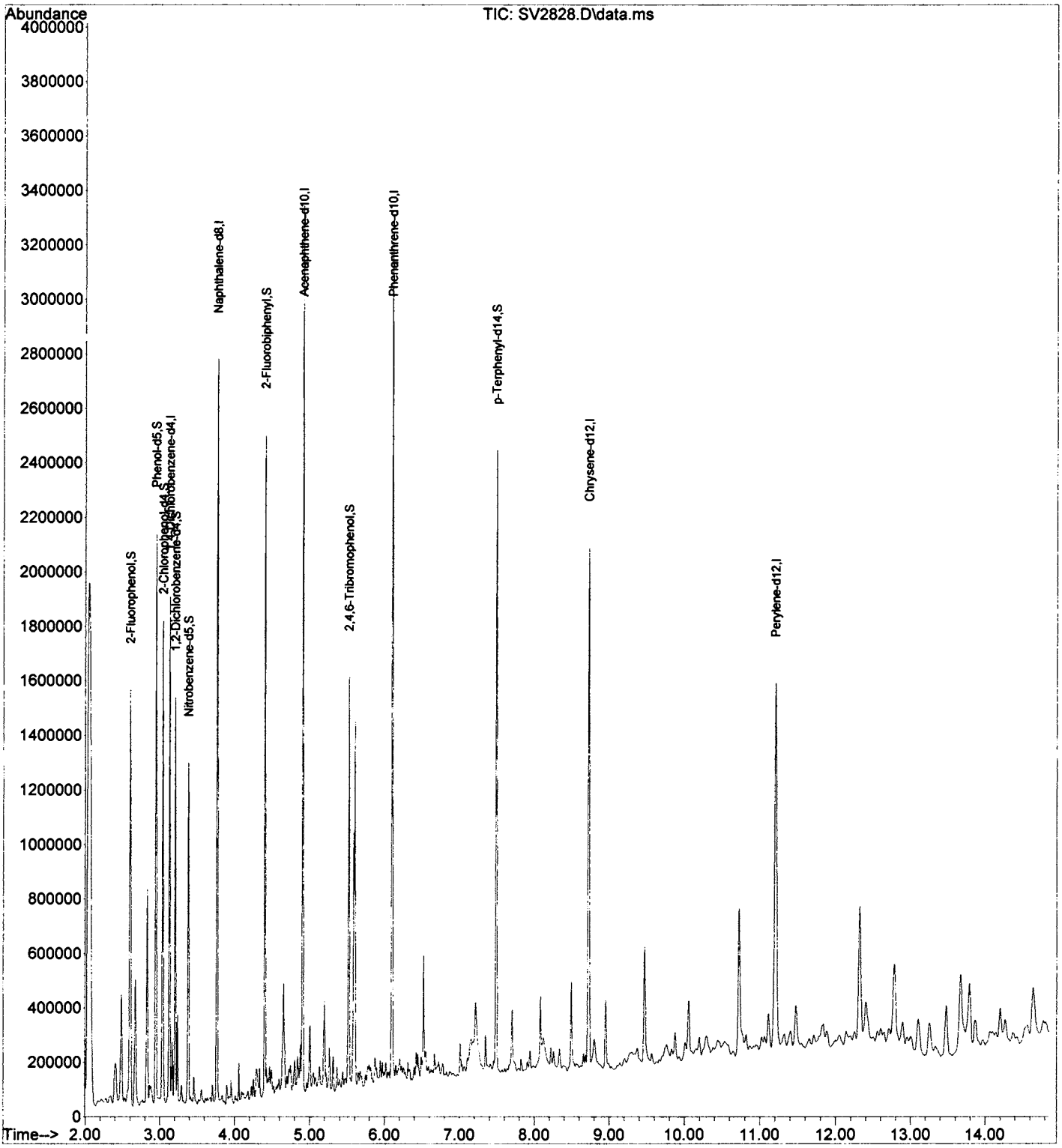
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2828.D
Acq On : 8 Mar 2022 6:17 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2829.D
Acq On : 8 Mar 2022 6:35 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	275494	40.00	ng/uL	0.01
24) Naphthalene-d8	3.769	136	1114149	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	566443	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	951168	40.00	ng/uL	0.01
76) Chrysene-d12	8.722	240	784887	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	775843	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	511491	52.52	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 70.03%			
6) Phenol-d5	2.946	99	706576	54.50	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 72.67%			
10) 2-Chlorophenol-d4	3.040	132	464478	50.88	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 67.84%			
14) 1,2-Dichlorobenzene-d4	3.210	150	295800	26.36	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 35.15%			
23) Nitrobenzene-d5	3.387	82	418021	32.62	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 65.24%			
42) 2-Fluorobiphenyl	4.404	172	618945	33.16	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 66.32%			
68) 2,4,6-Tribromophenol	5.516	330	130022	52.45	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 69.93%			
85) p-Terphenyl-d14	7.486	244	690863	35.16	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 70.32%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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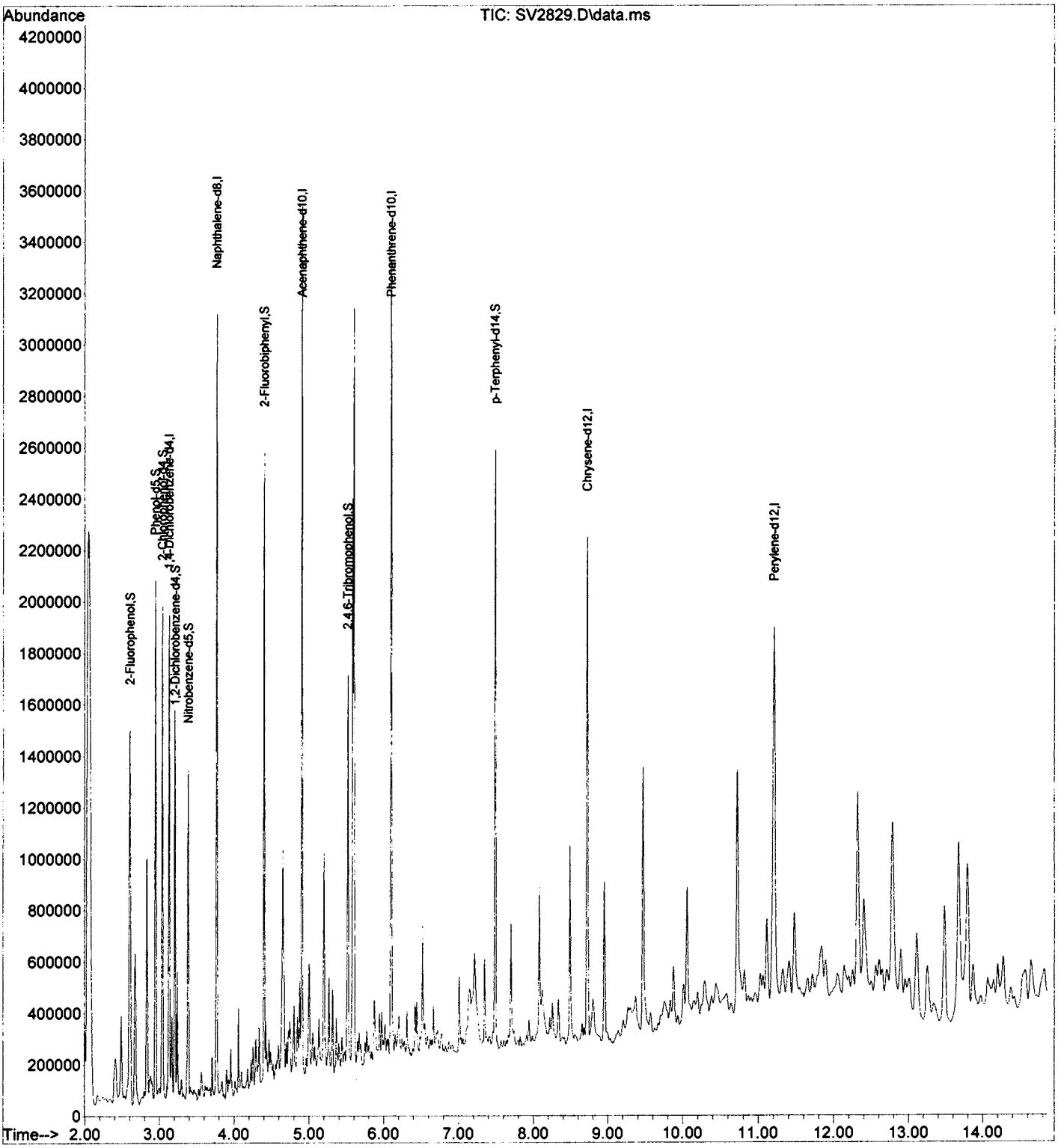
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2829.D
Acq On : 8 Mar 2022 6:35 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2830.D
Acq On : 8 Mar 2022 6:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	269525	40.00	ng/uL	0.01
24) Naphthalene-d8	3.769	136	1094667	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	552680	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	936825	40.00	ng/uL	0.01
76) Chrysene-d12	8.727	240	769664	40.00	ng/uL	0.01
87) Perylene-d12	11.204	264	773768	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	605107	63.51	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 84.68%			
6) Phenol-d5	2.946	99	846533	66.74	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 88.99%			
10) 2-Chlorophenol-d4	3.040	132	548539	61.42	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 81.89%			
14) 1,2-Dichlorobenzene-d4	3.204	150	346847	31.60	ng/uL	0.01
Spiked Amount 75.000	Range 16 - 120		Recovery = 42.13%			
23) Nitrobenzene-d5	3.387	82	496837	39.63	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 79.26%			
42) 2-Fluorobiphenyl	4.404	172	737762	40.51	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 81.02%			
68) 2,4,6-Tribromophenol	5.522	330	161081	64.28	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 85.71%			
85) p-Terphenyl-d14	7.492	244	847419	43.98	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 87.96%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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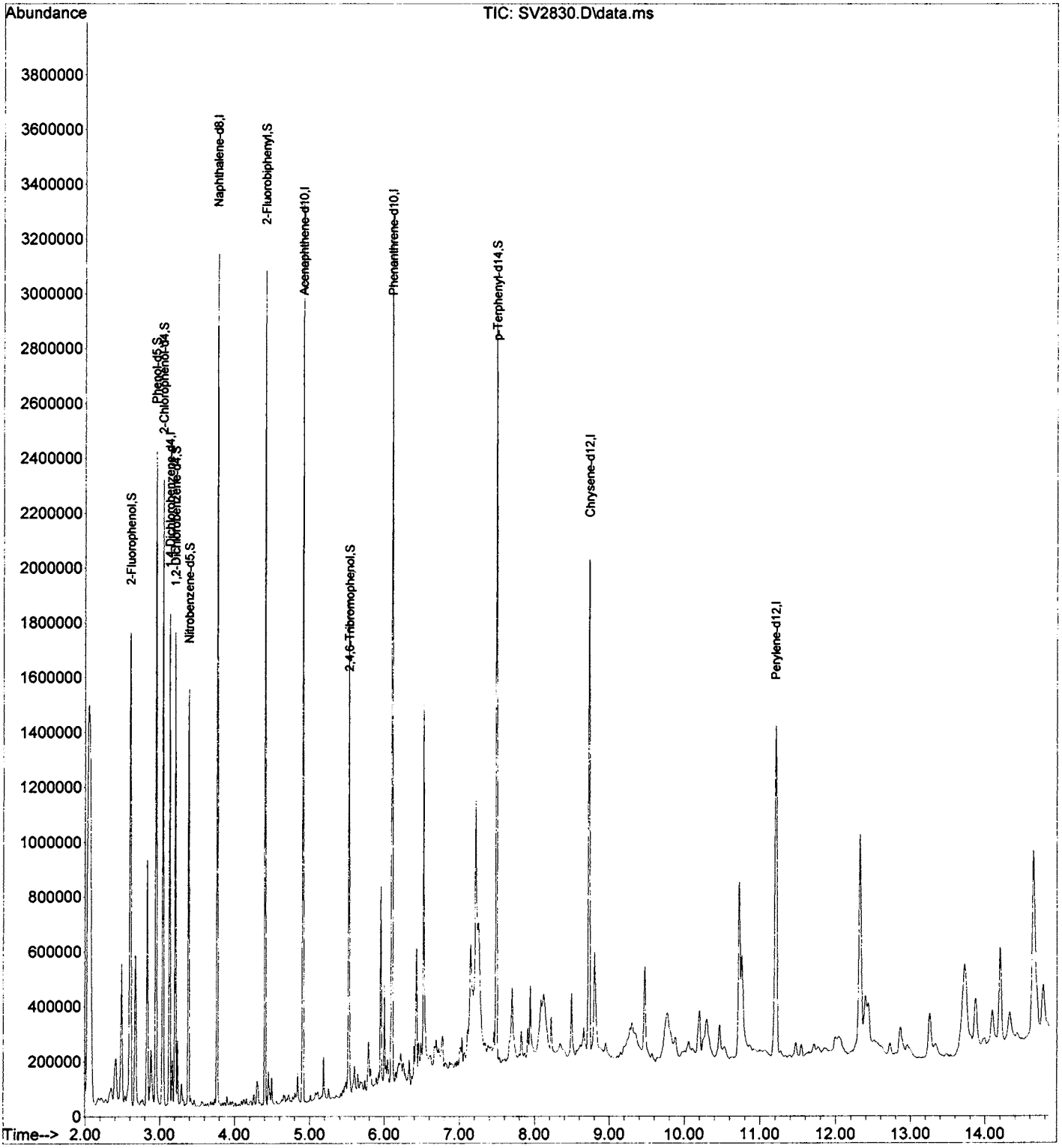
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2830.D
Acq On : 8 Mar 2022 6:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2831.D
Acq On : 8 Mar 2022 7:11 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	275412	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1102399	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	558499	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	938065	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	774625	40.00	ng/uL	0.01
87) Perylene-d12	11.204	264	778885	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	532204	54.66	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 72.88%			
6) Phenol-d5	2.946	99	747277	57.66	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.88%			
10) 2-Chlorophenol-d4	3.040	132	484809	53.13	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.84%			
14) 1,2-Dichlorobenzene-d4	3.210	150	303515	27.06	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 36.08%			
23) Nitrobenzene-d5	3.387	82	435899	34.03	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 68.06%			
42) 2-Fluorobiphenyl	4.404	172	651723	35.41	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 70.82%			
68) 2,4,6-Tribromophenol	5.522	330	137812	55.93	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 74.57%			
85) p-Terphenyl-d14	7.487	244	731284	37.71	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 75.42%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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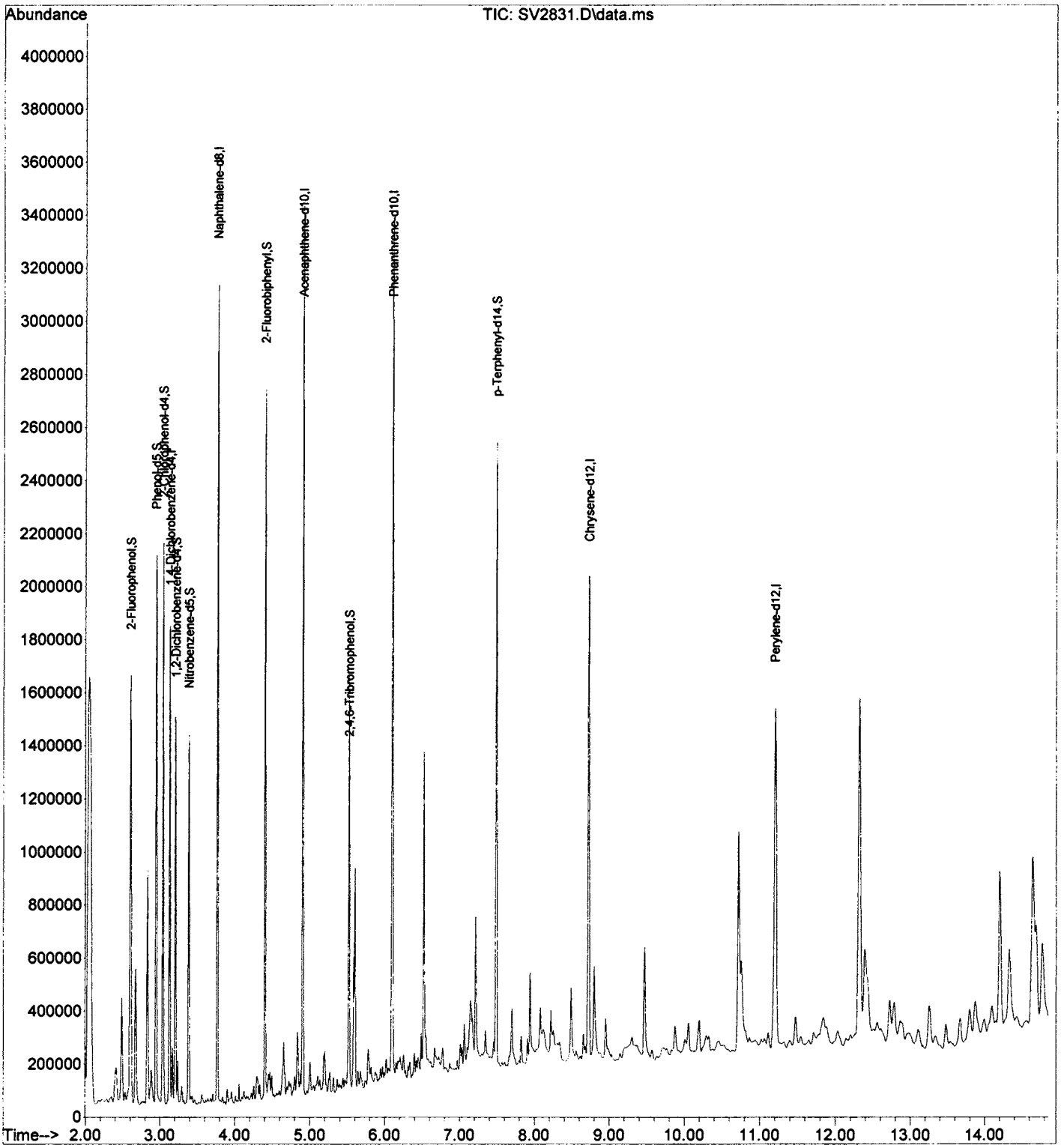
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2831.D
Acq On : 8 Mar 2022 7:11 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2832.D
Acq On : 8 Mar 2022 7:29 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-24
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	268342	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1088867	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	549187	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	917311	40.00	ng/uL	0.01
76) Chrysene-d12	8.722	240	764965	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	777302	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	563306	59.38	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 79.17%			
6) Phenol-d5	2.946	99	795472	62.99	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 83.99%			
10) 2-Chlorophenol-d4	3.040	132	516438	58.09	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 77.45%			
14) 1,2-Dichlorobenzene-d4	3.210	150	324930	29.73	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.64%			
23) Nitrobenzene-d5	3.387	82	462874	37.08	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 74.16%			
42) 2-Fluorobiphenyl	4.404	172	693168	38.30	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 76.60%			
68) 2,4,6-Tribromophenol	5.516	330	141050	58.25	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 77.67%			
85) p-Terphenyl-d14	7.486	244	784103	40.94	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.88%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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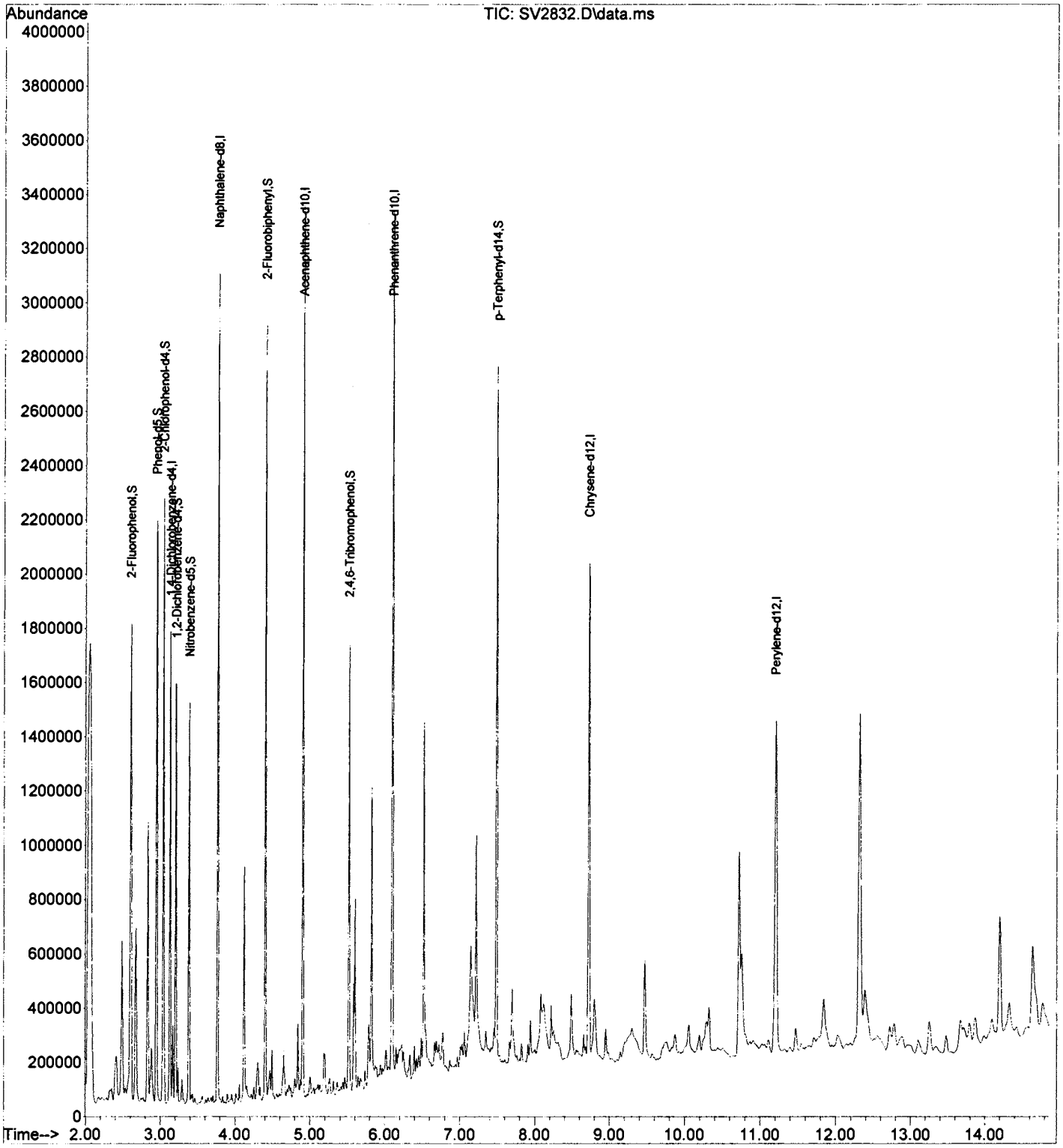
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2832.D
Acq On : 8 Mar 2022 7:29 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-24
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2833.D
Acq On : 8 Mar 2022 7:47 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-25
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	266176	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1080341	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	549713	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	926131	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	752027	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	763531	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	557516	59.25	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 79.00%			
6) Phenol-d5	2.946	99	774137	61.80	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 82.40%			
10) 2-Chlorophenol-d4	3.040	132	502847	57.02	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 76.03%			
14) 1,2-Dichlorobenzene-d4	3.210	150	326175	30.09	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 40.12%			
23) Nitrobenzene-d5	3.387	82	457096	36.92	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 73.84%			
42) 2-Fluorobiphenyl	4.404	172	672943	37.15	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 74.30%			
68) 2,4,6-Tribromophenol	5.522	330	136837	56.22	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 74.96%			
85) p-Terphenyl-d14	7.487	244	760836	40.41	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 80.82%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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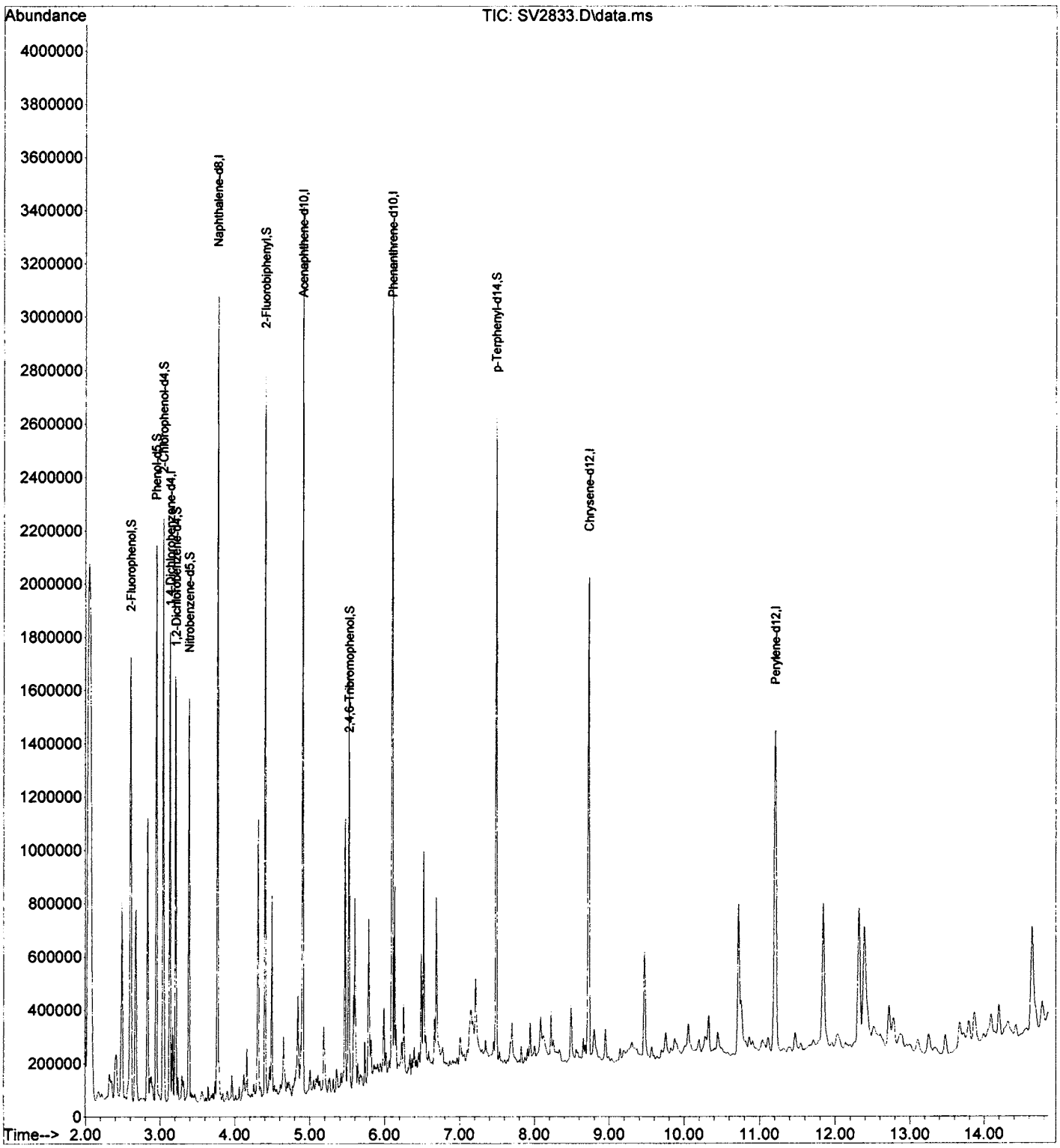
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2833.D
Acq On : 8 Mar 2022 7:47 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-25
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2834.D
Acq On : 8 Mar 2022 8:05 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-27
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	268769	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1085972	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	557056	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	926907	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	757827	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	776378	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	543196	57.17	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 76.23%			
6) Phenol-d5	2.946	99	764647	60.45	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 80.60%			
10) 2-Chlorophenol-d4	3.040	132	495233	55.61	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 74.15%			
14) 1,2-Dichlorobenzene-d4	3.210	150	313449	28.64	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 38.19%			
23) Nitrobenzene-d5	3.387	82	446274	35.70	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 71.40%			
42) 2-Fluorobiphenyl	4.404	172	674351	36.73	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 73.46%			
68) 2,4,6-Tribromophenol	5.522	330	138963	56.95	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 75.93%			
85) p-Terphenyl-d14	7.492	244	763661	40.25	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 80.50%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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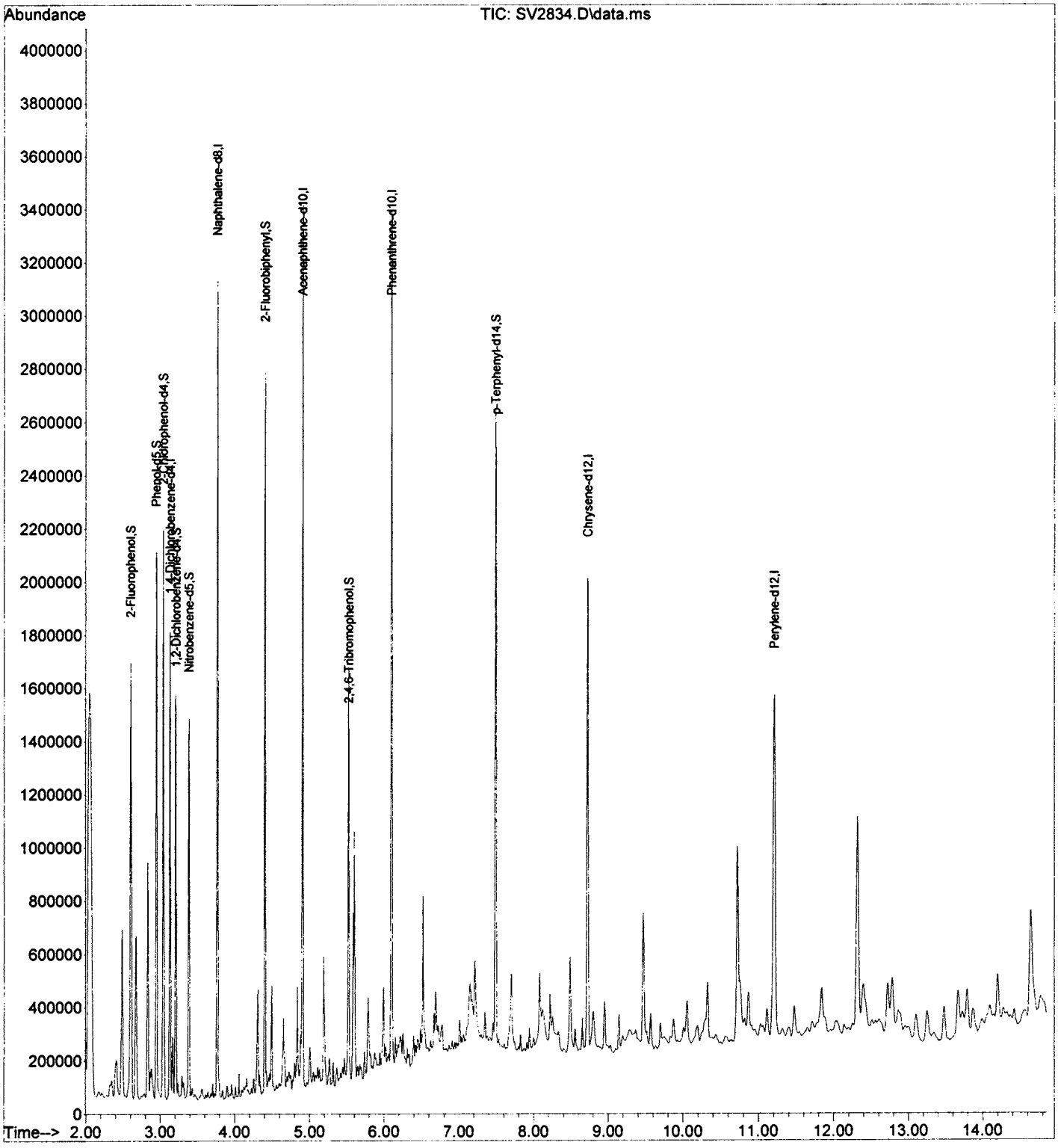
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2834.D
Acq On : 8 Mar 2022 8:05 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-27
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2835.D
Acq On : 8 Mar 2022 8:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-28
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	270816	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1089900	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	553990	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	930768	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	749332	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	768166	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	526388	54.98	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 73.31%			
6) Phenol-d5	2.952	99	732733	57.49	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.65%			
10) 2-Chlorophenol-d4	3.040	132	477331	53.20	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.93%			
14) 1,2-Dichlorobenzene-d4	3.210	150	306125	27.75	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 37.00%			
23) Nitrobenzene-d5	3.387	82	430792	34.20	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 68.40%			
42) 2-Fluorobiphenyl	4.404	172	639569	35.03	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 70.06%			
68) 2,4,6-Tribromophenol	5.522	330	126338	52.12	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 69.49%			
85) p-Terphenyl-d14	7.492	244	714601	38.09	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 76.18%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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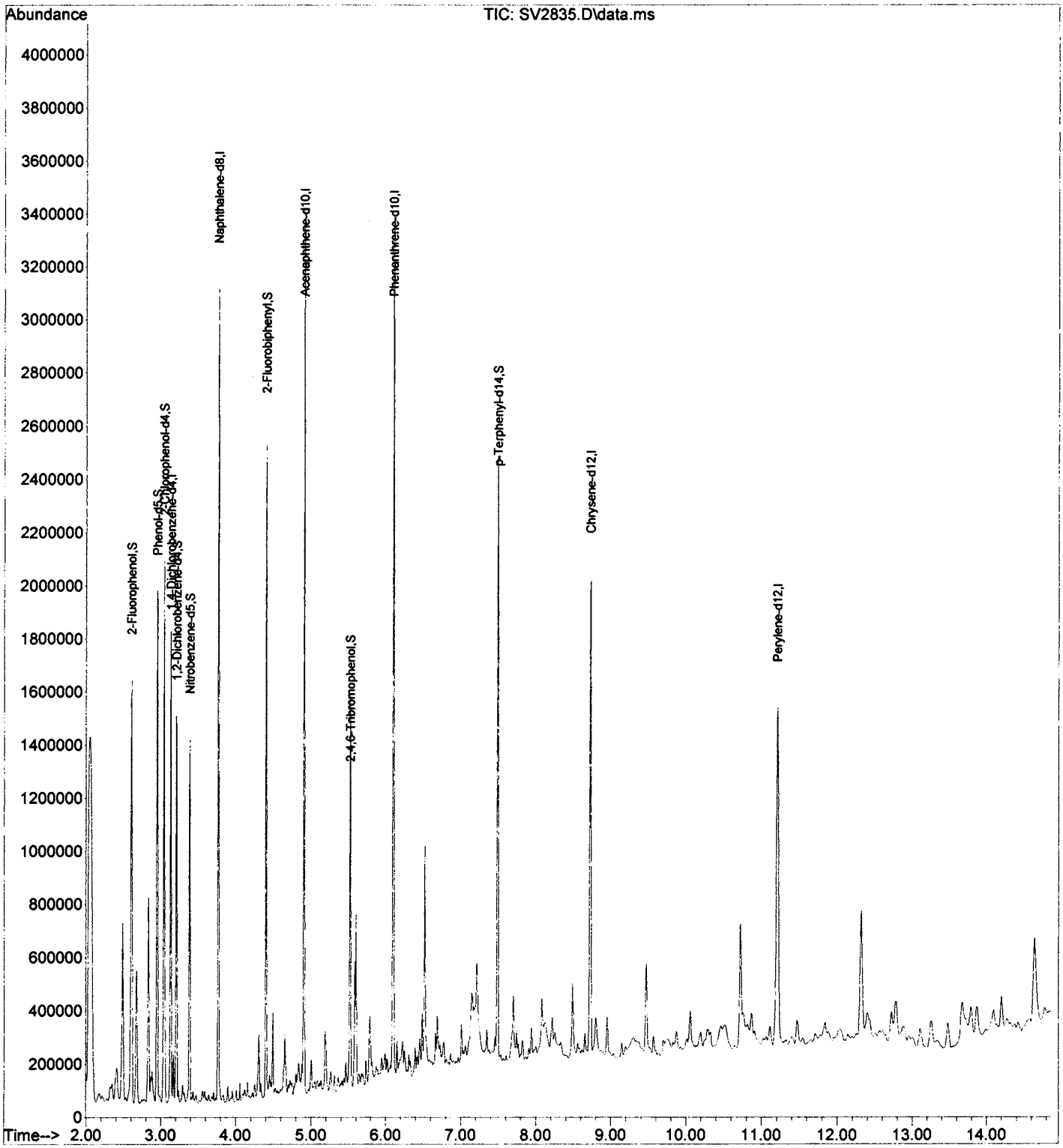
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2835.D
Acq On : 8 Mar 2022 8:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-28
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2836.D
Acq On : 8 Mar 2022 8:40 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	278128	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1117351	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	568430	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	963403	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	770129	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	775675	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	561029	57.06	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 76.08%			
6) Phenol-d5	2.952	99	788752	60.26	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 80.35%			
10) 2-Chlorophenol-d4	3.040	132	508765	55.21	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 73.61%			
14) 1,2-Dichlorobenzene-d4	3.210	150	325750	28.76	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 38.35%			
23) Nitrobenzene-d5	3.387	82	461199	35.65	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 71.30%			
42) 2-Fluorobiphenyl	4.404	172	686619	36.65	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 73.30%			
68) 2,4,6-Tribromophenol	5.522	330	150321	59.00	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 78.67%			
85) p-Terphenyl-d14	7.492	244	785375	40.73	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.46%			
Target Compounds						Qvalue

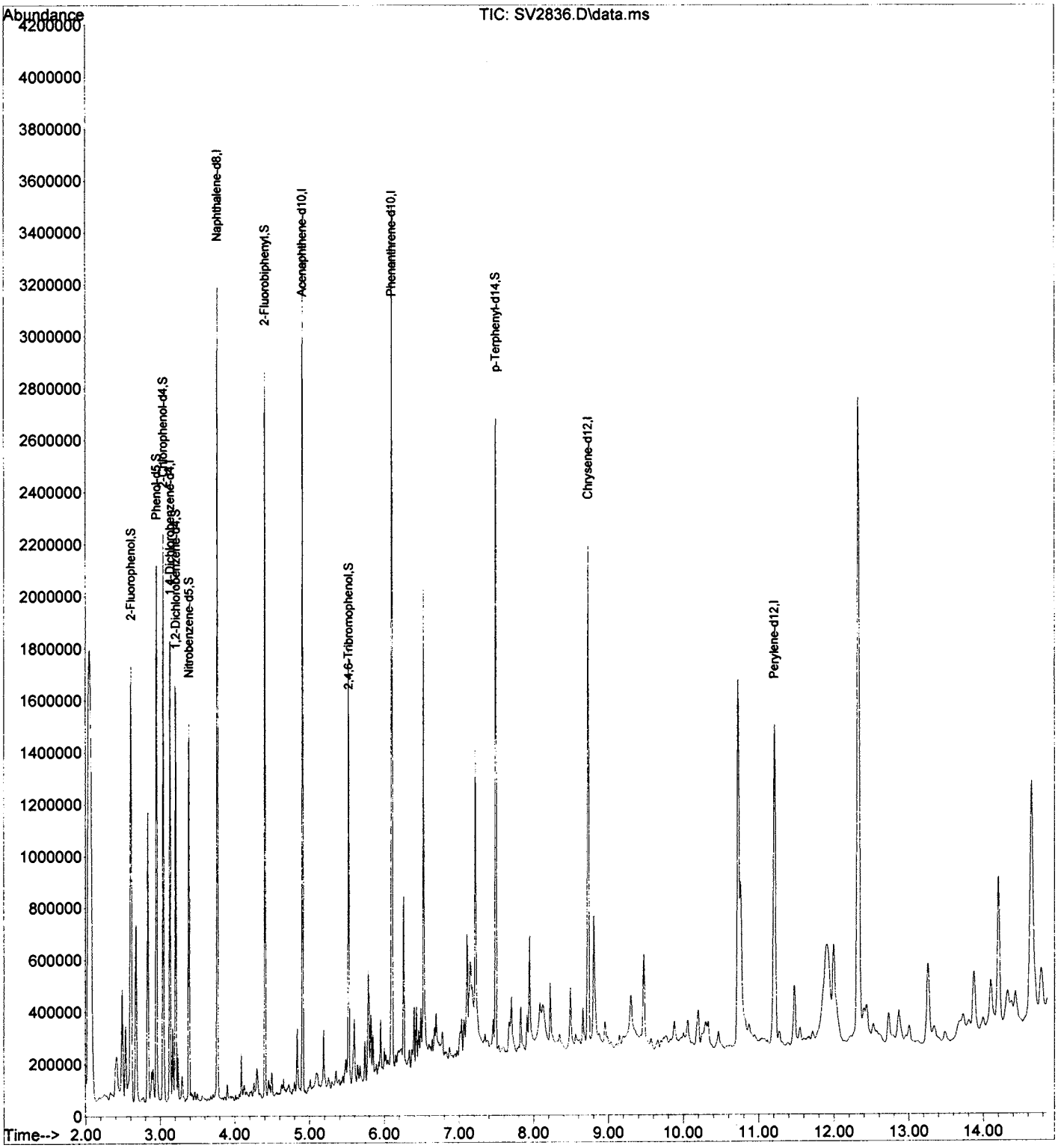
(#) = qualifier out of range (m) = manual integration (+) = signals summed

aw 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2836.D
Acq On : 8 Mar 2022 8:40 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2837.D
Acq On : 8 Mar 2022 8:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-31
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	269522	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1088557	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	551544	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	927988	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	753373	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	756570	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	567845	59.60	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 79.47%			
6) Phenol-d5	2.952	99	816060	64.34	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 85.79%			
10) 2-Chlorophenol-d4	3.040	132	520201	58.25	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 77.67%			
14) 1,2-Dichlorobenzene-d4	3.210	150	325840	29.68	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.57%			
23) Nitrobenzene-d5	3.387	82	466241	37.19	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 74.38%			
42) 2-Fluorobiphenyl	4.404	172	718373	39.52	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 79.04%			
68) 2,4,6-Tribromophenol	5.522	330	158004	63.72	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 84.96%			
85) p-Terphenyl-d14	7.492	244	821875	43.58	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 87.16%			
Target Compounds						Qvalue

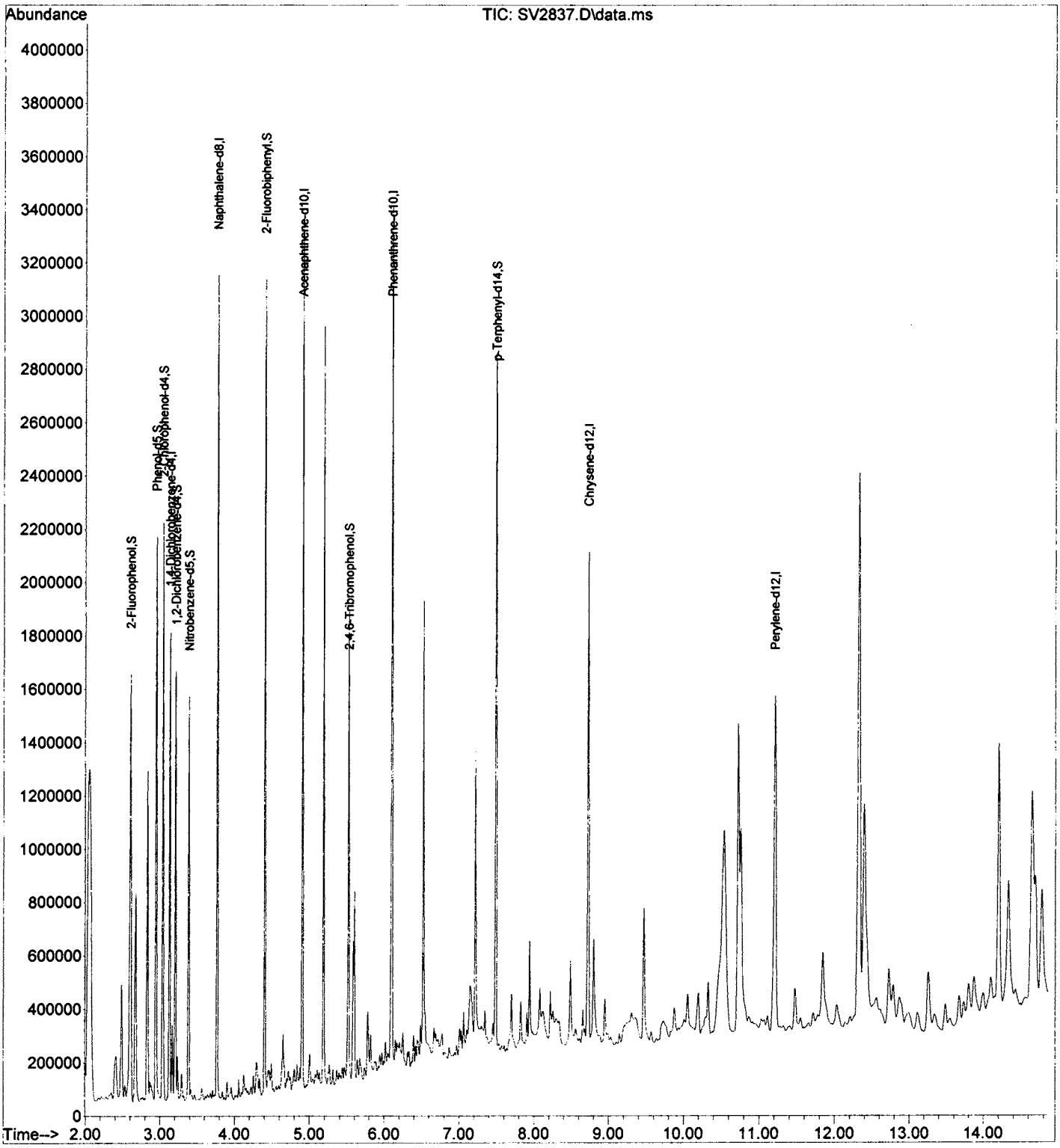
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2837.D
Acq On : 8 Mar 2022 8:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-31
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2838.D
Acq On : 8 Mar 2022 9:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	274401	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1114236	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	567055	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	945908	40.00	ng/uL	0.01
76) Chrysene-d12	8.727	240	757948	40.00	ng/uL	0.01
87) Perylene-d12	11.215	264	780568	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	582960	60.09	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 80.12%			
6) Phenol-d5	2.951	99	838225	64.91	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 86.55%			
10) 2-Chlorophenol-d4	3.040	132	539362	59.32	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 79.09%			
14) 1,2-Dichlorobenzene-d4	3.210	150	327107	29.27	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.03%			
23) Nitrobenzene-d5	3.387	82	479037	37.53	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 75.06%			
42) 2-Fluorobiphenyl	4.404	172	756054	40.46	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.92%			
68) 2,4,6-Tribromophenol	5.522	330	162152	64.11	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 85.48%			
85) p-Terphenyl-d14	7.492	244	848633	44.72	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 89.44%			
Target Compounds						Qvalue
19) 3+4-Methylphenol	3.292	107	122980	11.37	ng/uL	94

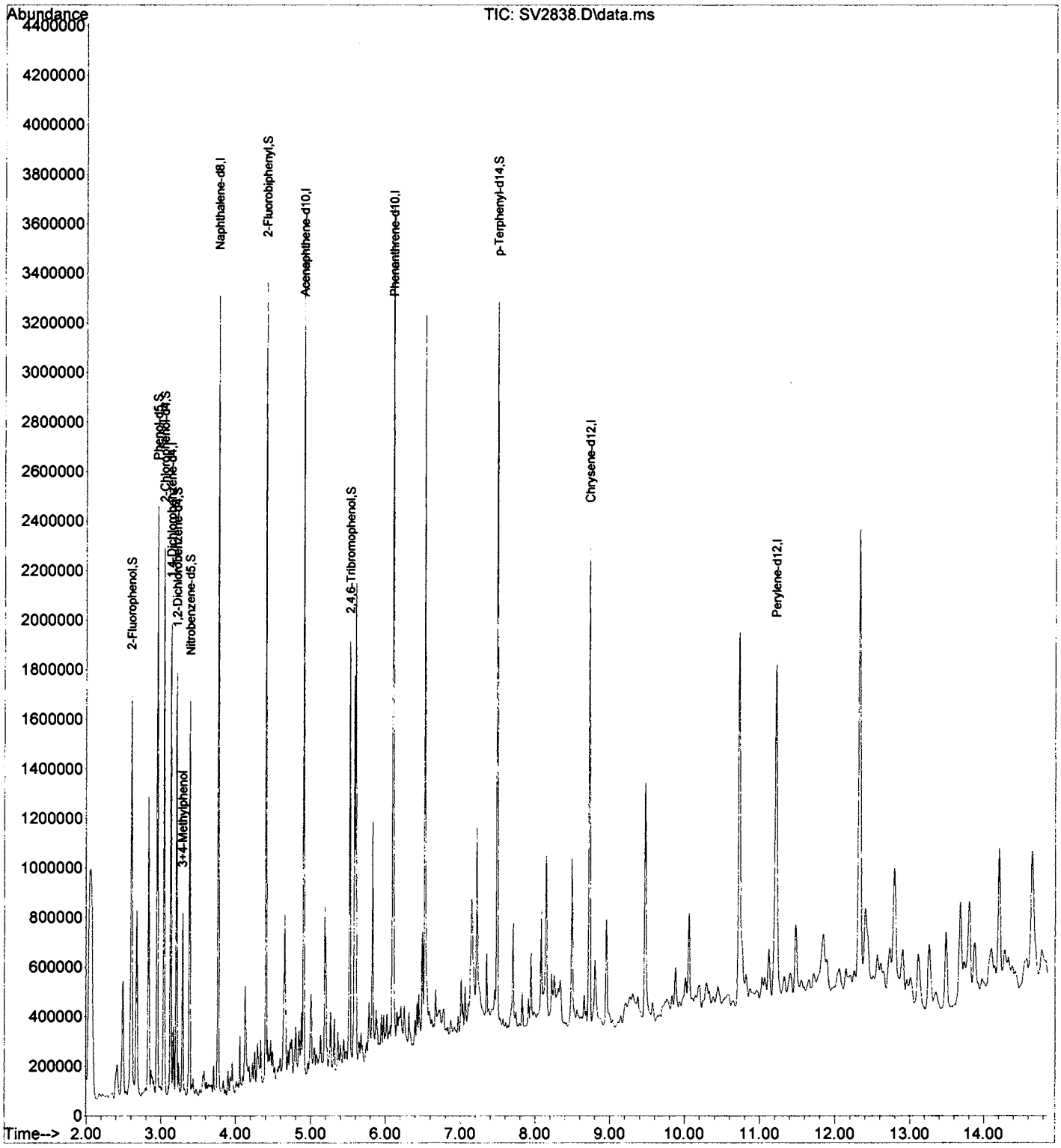
(#) = qualifier out of range (m) = manual integration (+) = signals summed

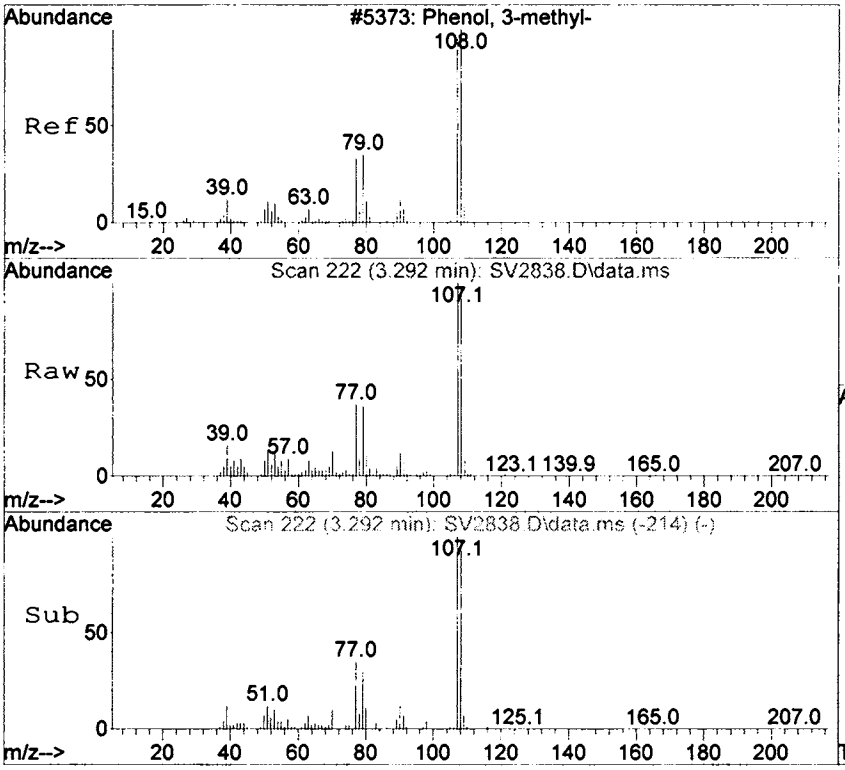
m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2838.D
Acq On : 8 Mar 2022 9:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

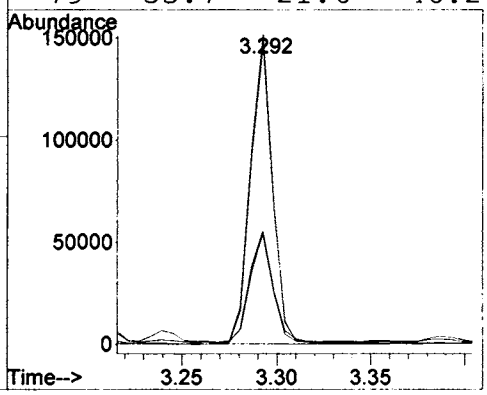




#19
3+4-Methylphenol
Concen: 11.37 ng/uL
RT: 3.292 min Scan# 222
Delta R.T. 0.017 min
Lab File: SV2838.D
Acq: 8 Mar 2022 9:16 pm

Tgt Ion:107 Resp: 122980

Ion	Ratio	Lower	Upper
107	100		
108	97.5	64.4	119.6
77	37.9	25.1	46.5
79	35.7	21.6	40.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2839.D
Acq On : 8 Mar 2022 9:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-26
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	265091	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1078210	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	550199	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	918624	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	739734	40.00	ng/uL	0.01
87) Perylene-d12	11.216	264	760501	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	499272	53.28	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 71.04%			
6) Phenol-d5	2.951	99	715537	57.36	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.48%			
10) 2-Chlorophenol-d4	3.040	132	459761	52.34	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 69.79%			
14) 1,2-Dichlorobenzene-d4	3.210	150	291282	26.98	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 35.97%			
23) Nitrobenzene-d5	3.387	82	416405	33.77	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 67.54%			
42) 2-Fluorobiphenyl	4.404	172	629073	34.70	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 69.40%			
68) 2,4,6-Tribromophenol	5.522	330	134678	55.83	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 74.44%			
85) p-Terphenyl-d14	7.492	244	708379	38.25	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 76.50%			
Target Compounds						Qvalue

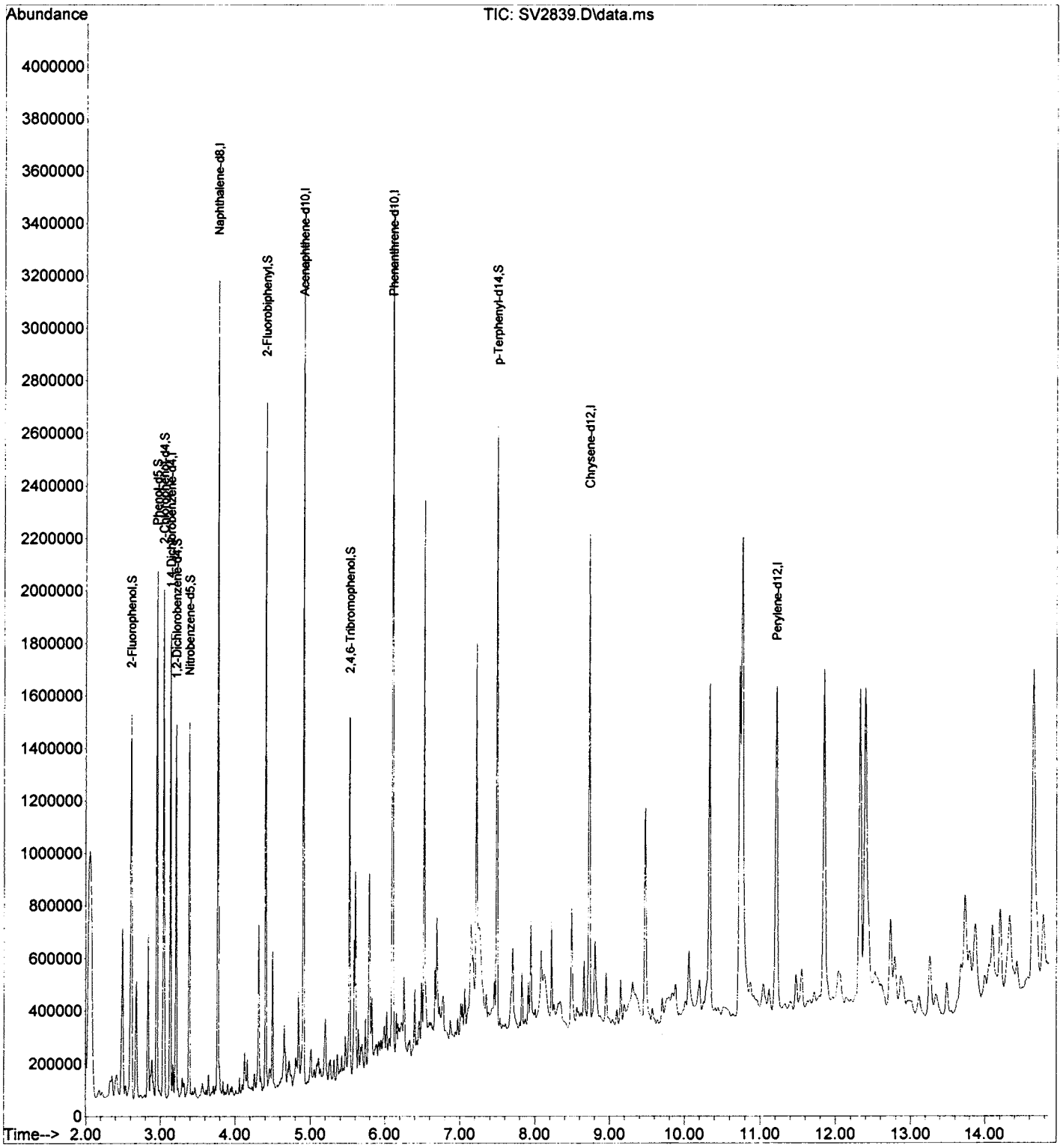
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2839.D
Acq On : 8 Mar 2022 9:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-26
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2840.D
Acq On : 8 Mar 2022 9:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-33 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	258970	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1061837	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.910	164	531348	40.00	ng/uL	0.02
67) Phenanthrene-d10	6.104	188	869935	40.00	ng/uL	0.02
76) Chrysene-d12	8.739	240	702820	40.00	ng/uL	0.02
87) Perylene-d12	11.251	264	736067	40.00	ng/uL	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	272557	29.77	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 39.69%			
6) Phenol-d5	2.951	99	383076	31.43	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 41.91%			
10) 2-Chlorophenol-d4	3.040	132	244875	28.54	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 38.05%			
14) 1,2-Dichlorobenzene-d4	3.210	150	164060	15.55	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 20.73%			
23) Nitrobenzene-d5	3.387	82	256812	21.32	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 42.64%#			
42) 2-Fluorobiphenyl	4.404	172	349495	19.96	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 39.92%#			
68) 2,4,6-Tribromophenol	5.528	330	64616	30.01	ng/uL	0.02
Spiked Amount 75.000	Range 27 - 134		Recovery = 40.01%			
85) p-Terphenyl-d14	7.492	244	365498	20.77	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 41.54%			
Target Compounds						Qvalue
28) Benzoic acid	3.610	105	197880	40.89	ng/uL	99
32) Naphthalene	3.781	128	157021	5.35	ng/uL#	63
36) 2-Methylnaphthalene	4.187	142	217265	11.79	ng/uL	97
37) 1-Methylnaphthalene	4.251	142	284717	16.73	ng/uL	95
56) Dibenzofuran	5.057	168	114281	5.26	ng/uL#	79
71) Phenanthrene	6.122	178	214452	9.06	ng/uL#	92
75) Fluoranthene	7.163	202	109662	4.62	ng/uL	98
78) Pyrene	7.375	202	81429	3.50	ng/uL	94
84) Chrysene	8.769	228	66524	3.20	ng/uL	97

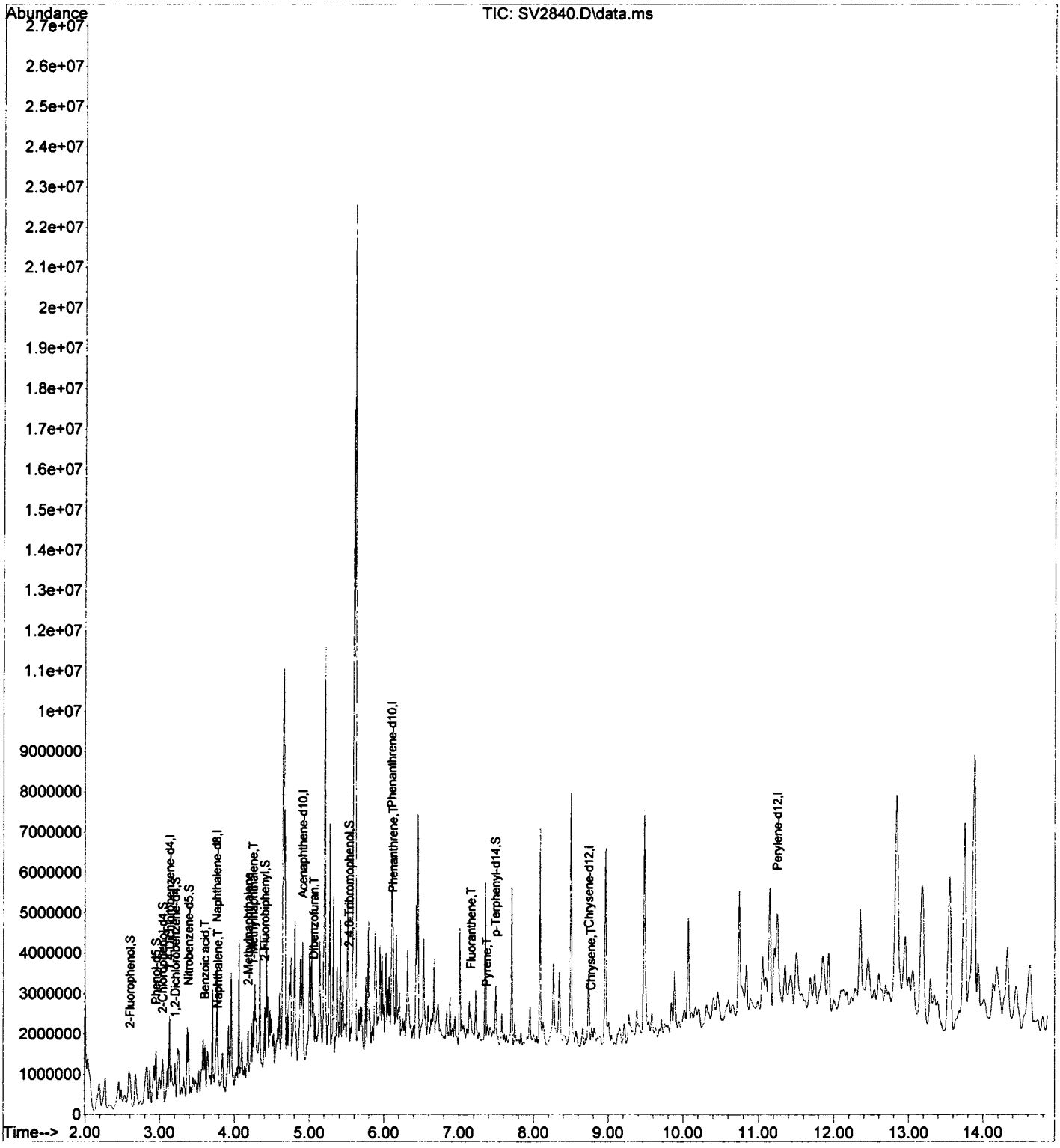
(#) = qualifier out of range (m) = manual integration (+) = signals summed

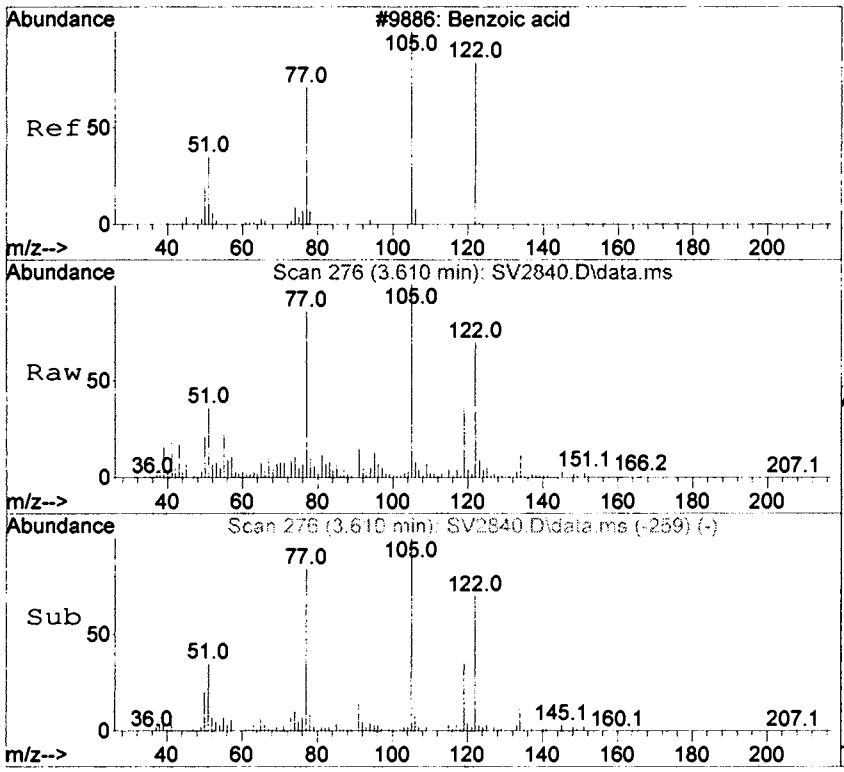
m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2840.D
Acq On : 8 Mar 2022 9:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-33 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

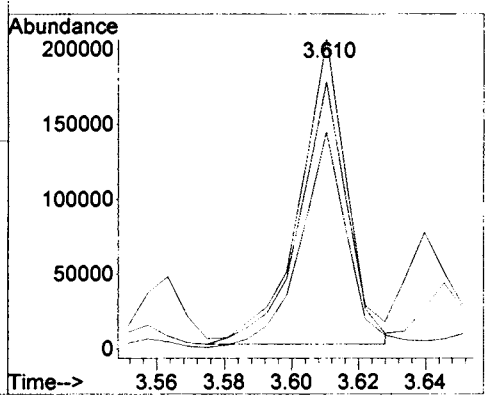


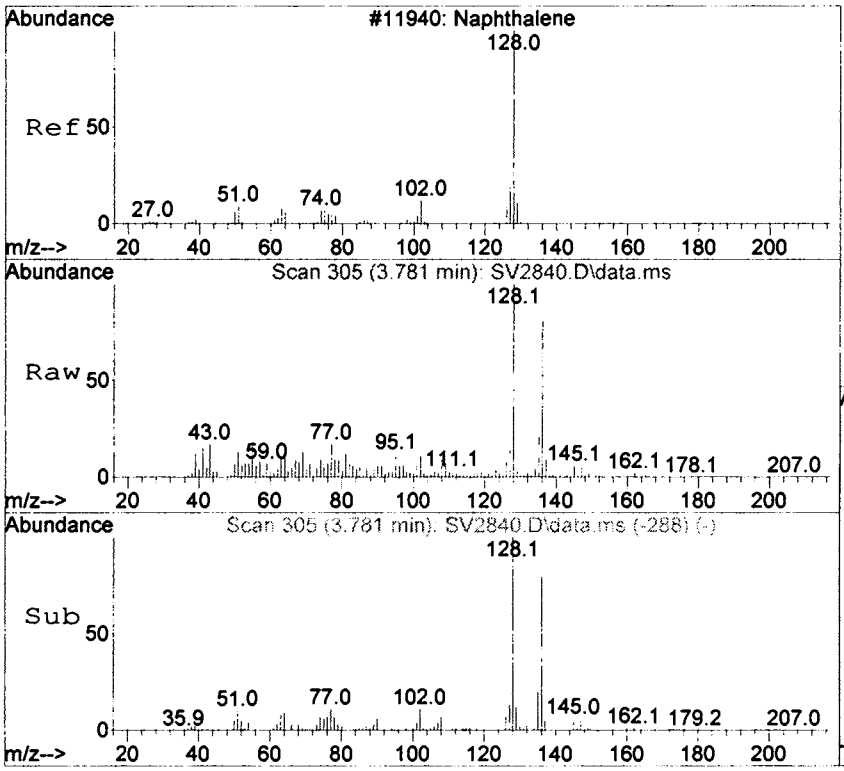


#28
Benzoic acid
Concen: 40.89 ng/uL
RT: 3.610 min Scan# 276
Delta R.T. 0.029 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:105 Resp: 197880

Ion	Ratio	Lower	Upper
105	100		
122	71.9	49.6	92.2
77	83.1	57.3	106.3

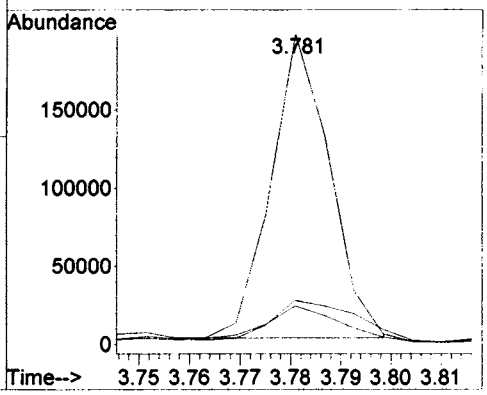


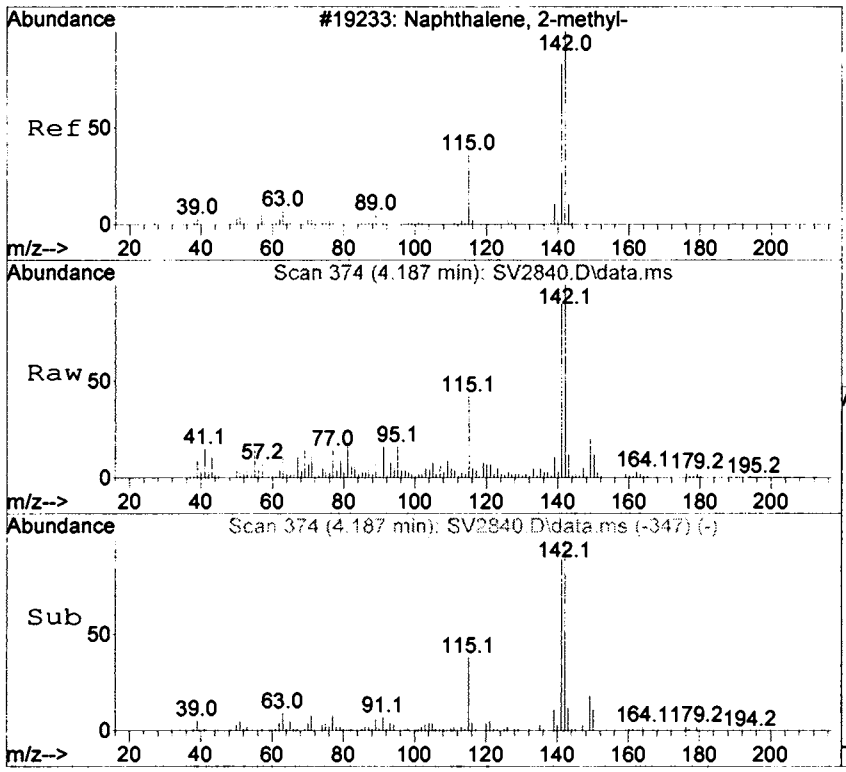


#32
Naphthalene
Concen: 5.35 ng/uL
RT: 3.781 min Scan# 305
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:128 Resp: 157021

Ion	Ratio	Lower	Upper
128	100		
127	18.4	37.1	68.9#
129	18.0	16.2	30.2

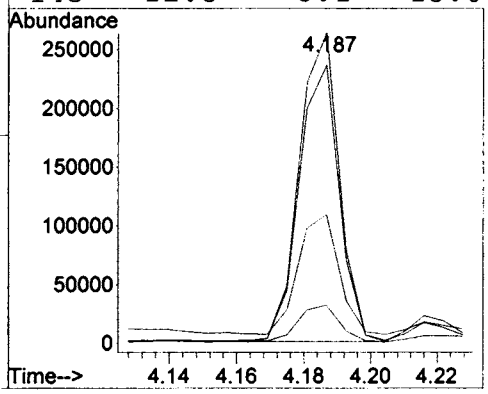


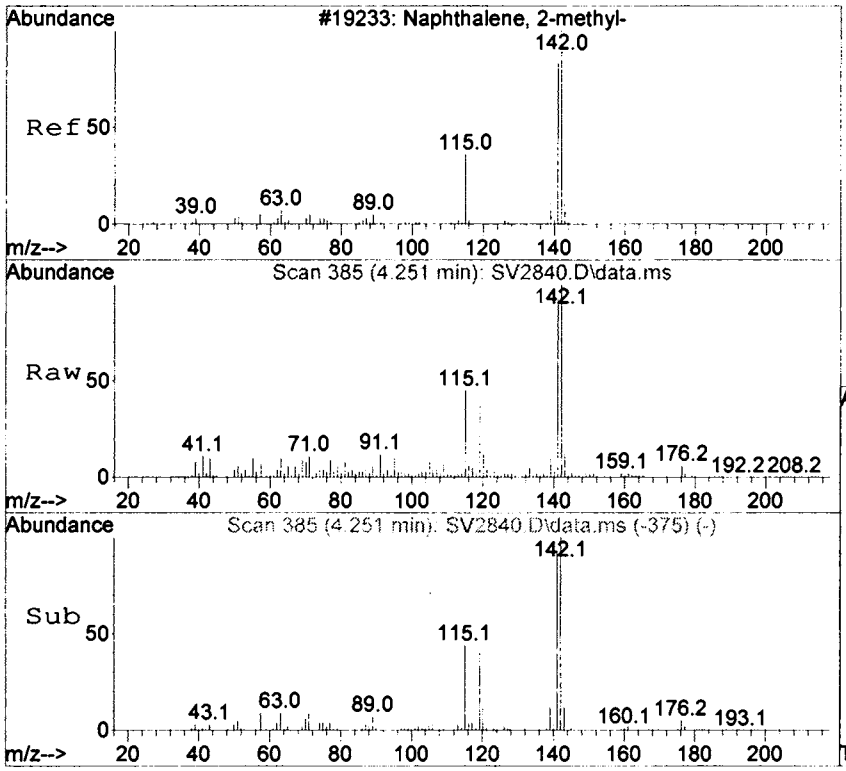


#36
2-Methylnaphthalene
Concen: 11.79 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:142 Resp: 217265

Ion	Ratio	Lower	Upper
142	100		
141	89.8	60.6	112.6
115	40.4	27.1	50.3
143	12.5	8.1	15.0

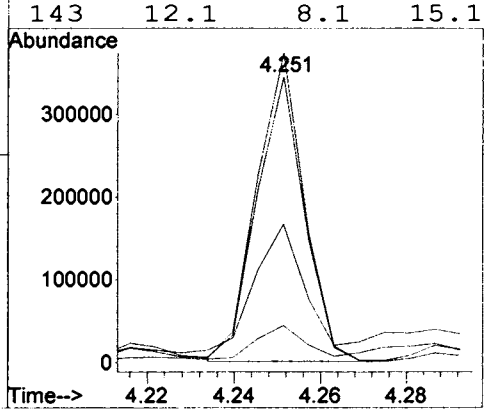


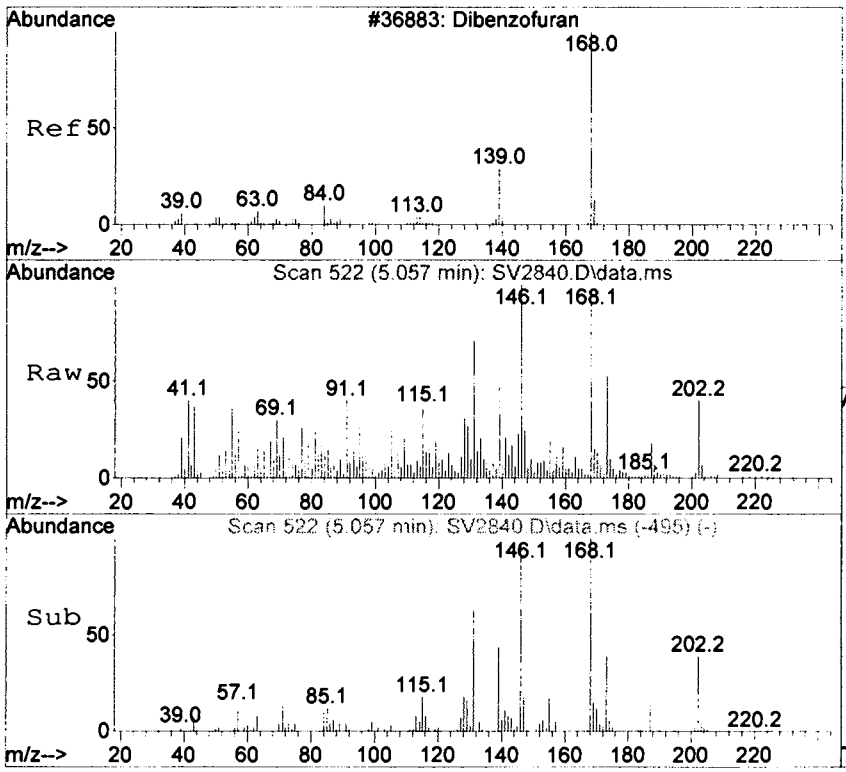


#37
1-Methylnaphthalene
Concen: 16.73 ng/uL
RT: 4.251 min Scan# 385
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:142 Resp: 284717

Ion	Ratio	Lower	Upper
142	100		
141	91.8	63.2	117.4
115	47.8	28.1	52.1
143	12.1	8.1	15.1

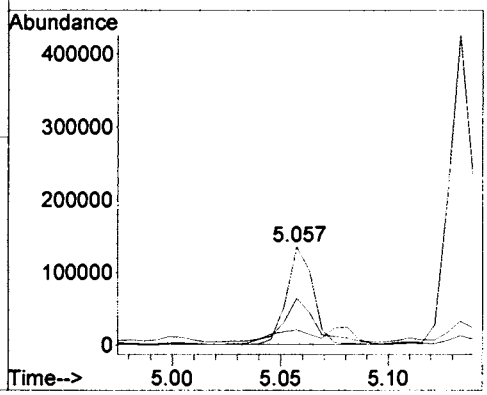


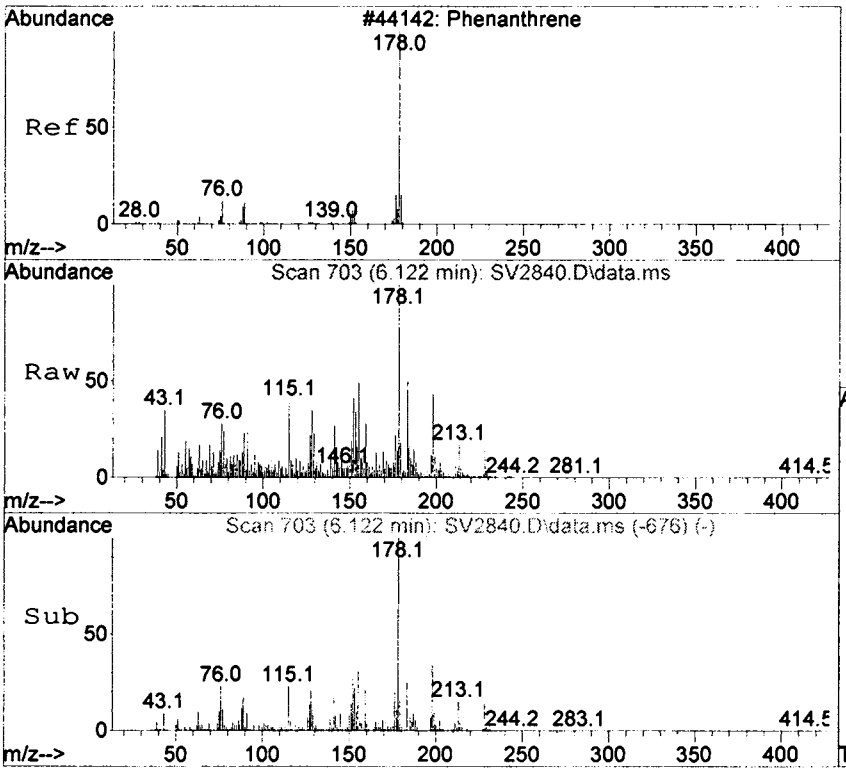


#56
Dibenzofuran
Concen: 5.26 ng/uL
RT: 5.057 min Scan# 522
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:168 Resp: 114281

Ion	Ratio	Lower	Upper
168	100		
139	51.5	28.3	52.5
169	25.8	9.3	17.3#

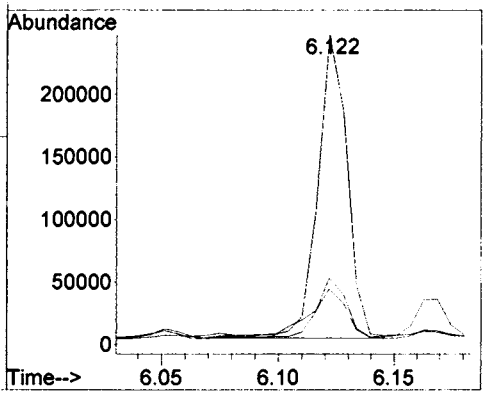


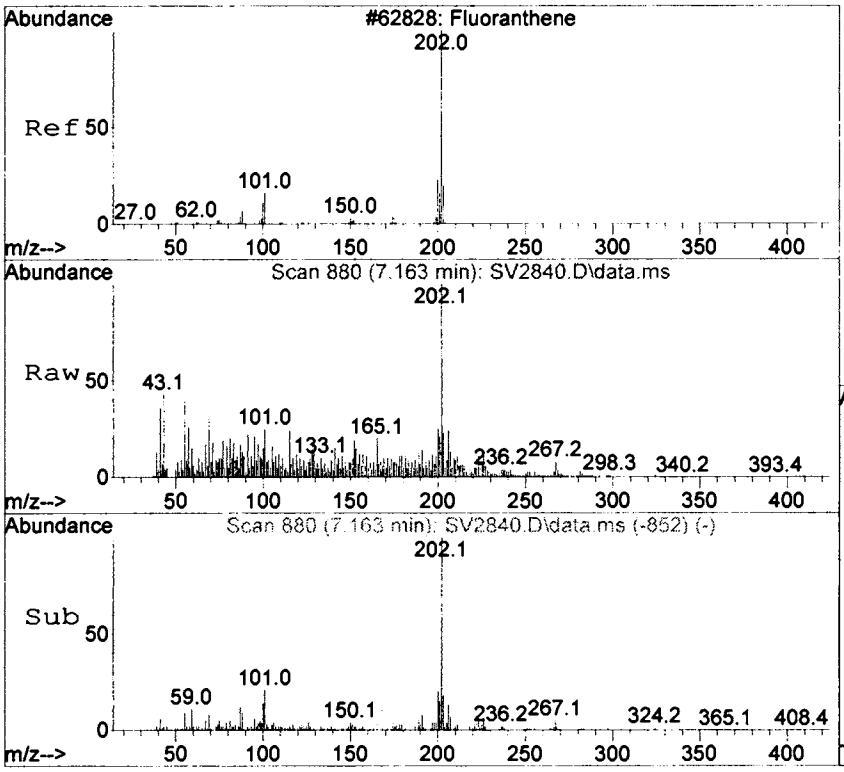


#71
Phenanthrene
Concen: 9.06 ng/uL
RT: 6.122 min Scan# 703
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:178 Resp: 214452

Ion	Ratio	Lower	Upper
178	100		
179	21.7	10.7	19.9#
176	20.1	13.5	25.1

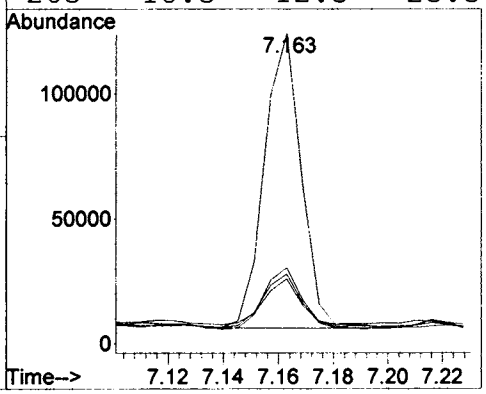


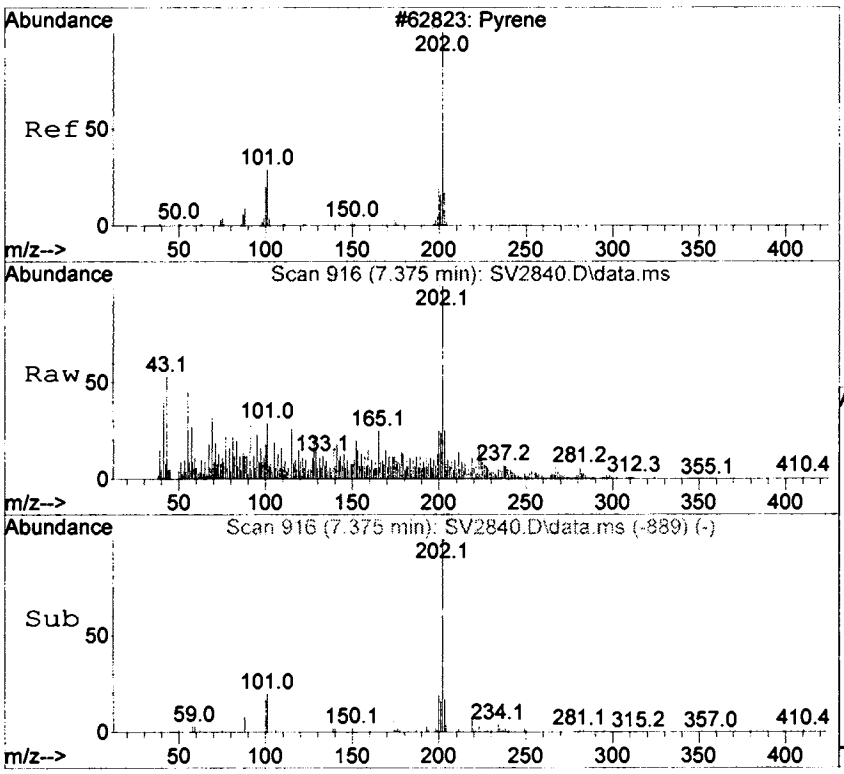


#75
Fluoranthene
Concen: 4.62 ng/uL
RT: 7.163 min Scan# 880
Delta R.T. 0.018 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:202 Resp: 109662

Ion	Ratio	Lower	Upper
202	100		
200	21.6	14.5	26.9
201	15.7	10.4	19.2
203	18.3	12.5	23.3

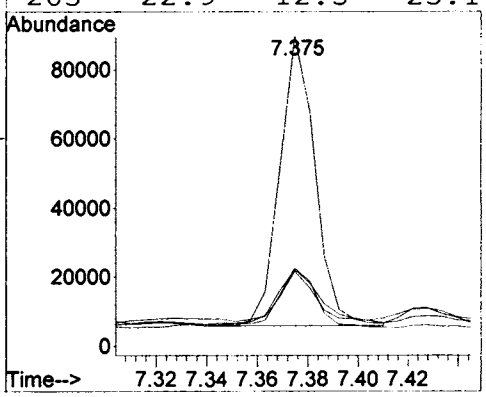


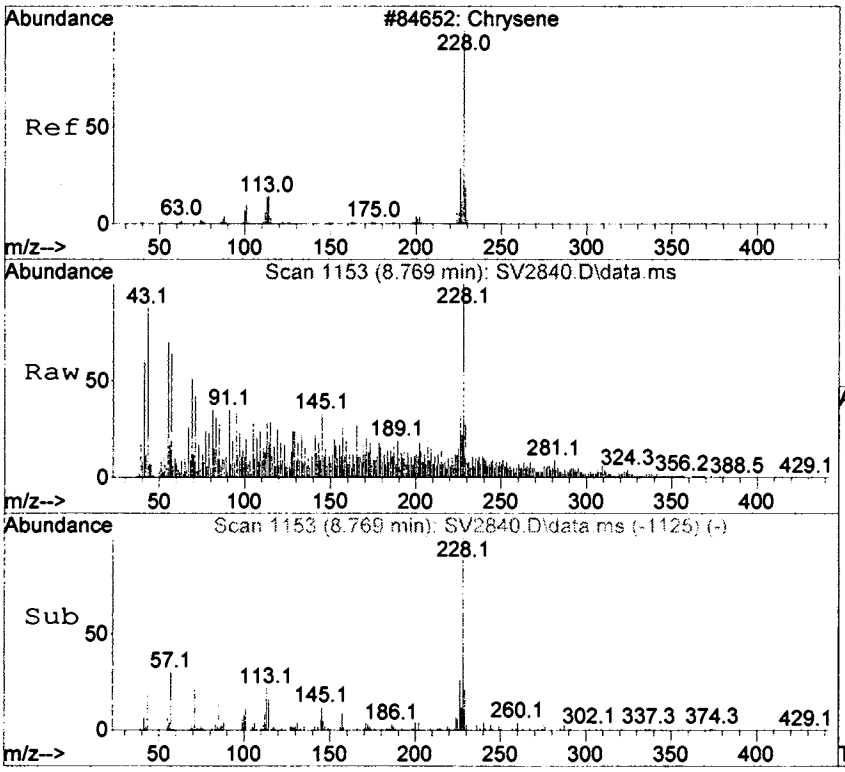


#78
Pyrene
Concen: 3.50 ng/uL
RT: 7.375 min Scan# 916
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:202 Resp: 81429

Ion	Ratio	Lower	Upper
202	100		
201	18.4	12.2	22.7
200	22.7	14.8	27.4
203	22.9	12.5	23.1

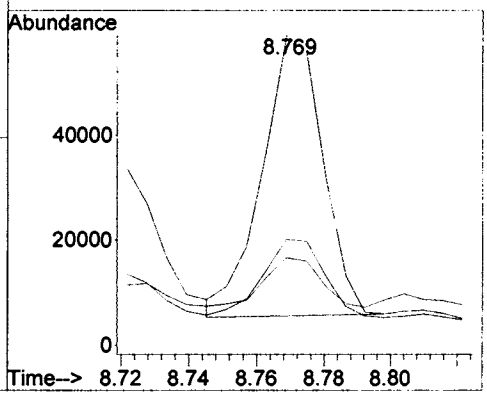




#84
Chrysene
Concen: 3.20 ng/uL
RT: 8.769 min Scan# 1153
Delta R.T. 0.018 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:228 Resp: 66524

Ion	Ratio	Lower	Upper
228	100		
226	30.7	20.9	38.7
229	22.2	13.5	25.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2885.D
Acq On : 12 Mar 2022 2:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.116	152	262163	40.00	ng/uL	0.00
24) Naphthalene-d8	3.757	136	1062140	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.898	164	551756	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.086	188	955027	40.00	ng/uL	0.00
76) Chrysene-d12	8.716	240	803300	40.00	ng/uL	0.00
87) Perylene-d12	11.192	264	787329	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	494806	53.39	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 71.19%			
6) Phenol-d5	2.934	99	716418	58.07	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 77.43%			
10) 2-Chlorophenol-d4	3.028	132	460656	53.03	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.71%			
14) 1,2-Dichlorobenzene-d4	3.193	150	288745	27.04	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 36.05%			
23) Nitrobenzene-d5	3.375	82	416847	34.18	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 68.36%			
42) 2-Fluorobiphenyl	4.392	172	663063	36.47	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 72.94%			
68) 2,4,6-Tribromophenol	5.510	330	153553	60.59	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 80.79%			
85) p-Terphenyl-d14	7.480	244	794662	39.51	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 79.02%			
Target Compounds						Qvalue

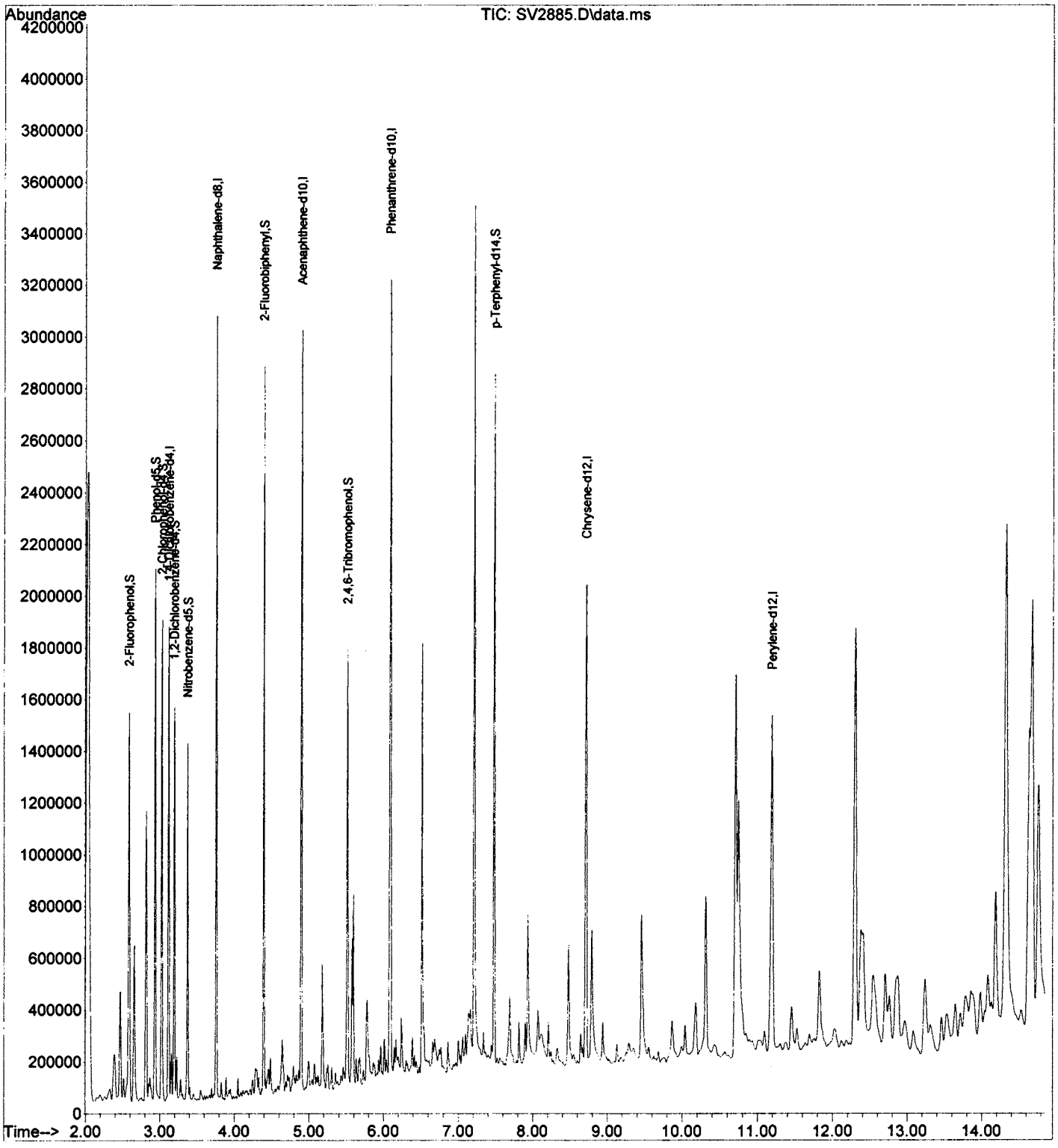
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2885.D
Acq On : 12 Mar 2022 2:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2886.D
Acq On : 12 Mar 2022 3:10 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-32 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.151	152	269992	40.00	ng/uL	0.03
24) Naphthalene-d8	3.798	136	1082213	40.00	ng/uL	0.04
38) Acenaphthene-d10	4.934	164	559631	40.00	ng/uL	0.04
67) Phenanthrene-d10	6.116	188	927847	40.00	ng/uL	0.02
76) Chrysene-d12	8.739	240	764872	40.00	ng/uL	0.02
87) Perylene-d12	11.227	264	775346	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	44946	4.71	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery =	6.28%#		
6) Phenol-d5	2.963	99	59749	4.70	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery =	6.27%#		
10) 2-Chlorophenol-d4	3.051	132	40687	4.55	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery =	6.07%#		
14) 1,2-Dichlorobenzene-d4	3.228	150	30869	2.81	ng/uL	0.03
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.75%#		
23) Nitrobenzene-d5	3.410	82	43677	3.48	ng/uL	0.04
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.96%#		
42) 2-Fluorobiphenyl	4.439	172	64012	3.47	ng/uL	0.04
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.94%#		
68) 2,4,6-Tribromophenol	5.545	330	11444	5.29	ng/uL	0.03
Spiked Amount 75.000	Range 27 - 134		Recovery =	7.05%#		
85) p-Terphenyl-d14	7.498	244	68547	3.58	ng/uL	0.02
Spiked Amount 50.000	Range 29 - 126		Recovery =	7.16%#		
Target Compounds						Qvalue

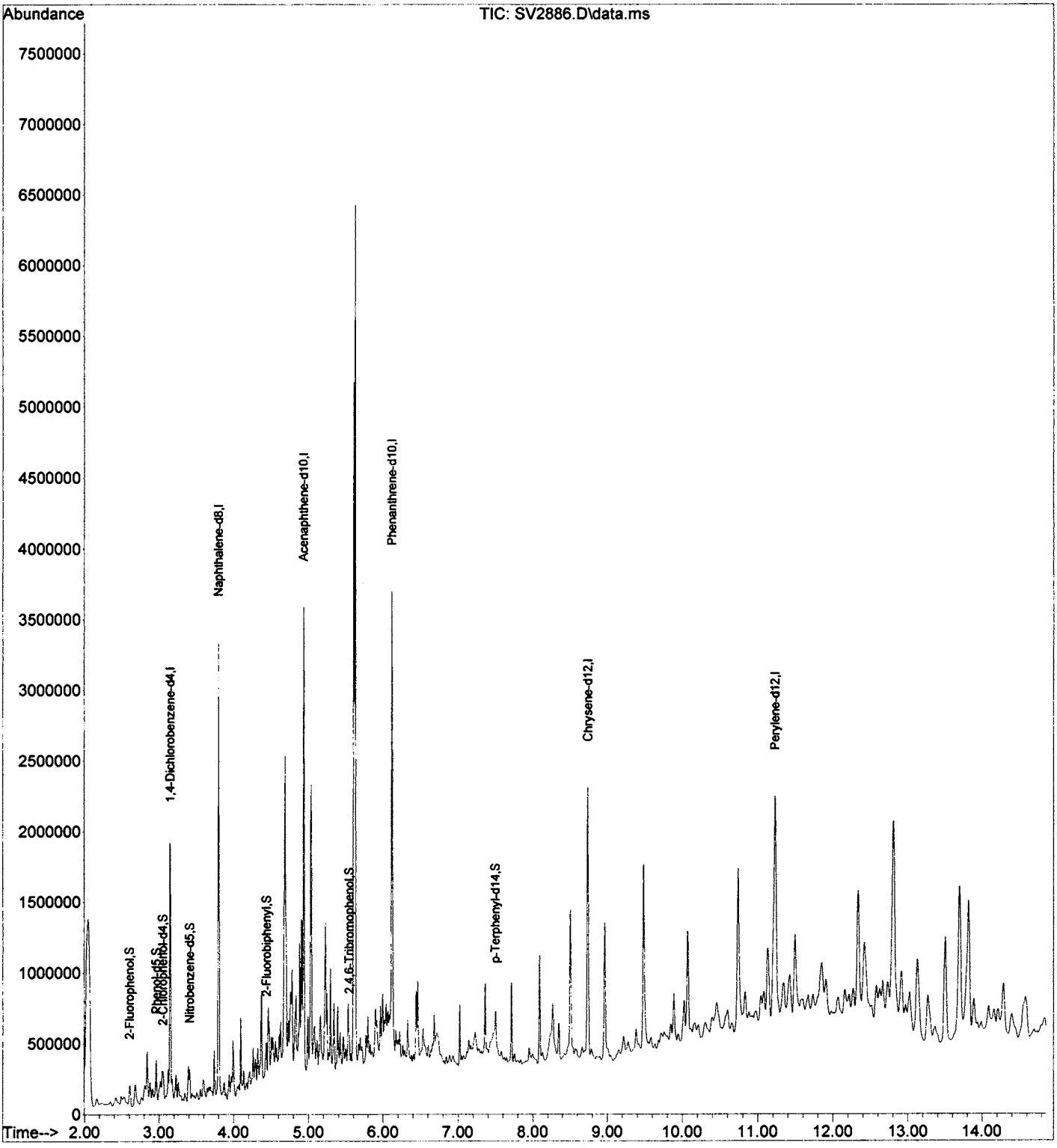
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2886.D
Acq On : 12 Mar 2022 3:10 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-32 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration



Raw Data Quality Control Samples

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	283264	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1139604	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	587079	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1003252	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	854186	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	848915	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	518011	51.73	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 68.97%			
6) Phenol-d5	2.946	99	713973	53.56	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 71.41%			
10) 2-Chlorophenol-d4	3.040	132	470293	50.11	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 66.81%			
14) 1,2-Dichlorobenzene-d4	3.210	150	338751	29.36	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.15%			
23) Nitrobenzene-d5	3.387	82	447794	33.99	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 67.98%			
42) 2-Fluorobiphenyl	4.410	172	625786	32.35	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 64.70%			
68) 2,4,6-Tribromophenol	5.522	330	139056	53.11	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 70.81%			
85) p-Terphenyl-d14	7.498	244	758593	35.47	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 70.94%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	60465	17.21	ng/uL#	93
3) n-Nitrosodimethylamine	2.175	74	195450	24.60	ng/uL#	93
4) Pyridine	2.199	79	296440	22.27	ng/uL	99
7) Phenol	2.952	94	409149	27.80	ng/uL	96
8) Aniline	2.987	93	623612	20.63	ng/uL	95
9) Bis(2-chloroethyl)ether	2.987	63	241900	24.55	ng/uL	74
11) 2-Chlorophenol	3.046	128	266508	27.18	ng/uL	95
12) 1,3-Dichlorobenzene	3.110	146	257091	23.34	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	265697	24.09	ng/uL	99
15) Benzyl alcohol	3.175	79	260662	27.37	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	254644	24.39	ng/uL	99
17) 2-Methylphenol	3.216	108	283686	27.72	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	359183	25.36	ng/uL	99
19) 3+4-Methylphenol	3.287	107	323153	28.95	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	229933	26.88	ng/uL	99
21) Hexachloroethane	3.381	117	115243	26.20	ng/uL	99
22) Nitrobenzene	3.393	123	138807	26.81	ng/uL	97
25) Isophorone	3.504	82	598303	24.83	ng/uL	100
26) 2,4-Dimethylphenol	3.552	107	294126	26.65	ng/uL	98
27) 2-Nitrophenol	3.557	139	131996	31.15	ng/uL	96
28) Benzoic acid	3.581	105	188634	37.40	ng/uL	90
29) Bis(2-chloroethoxy)met...	3.593	93	378434	26.04	ng/uL	99
30) 2,4-dichlorophenol	3.687	162	200762	27.11	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.734	180	197995	23.15	ng/uL	100
32) Naphthalene	3.781	128	772328	24.51	ng/uL	89
33) 4-Chloroaniline	3.793	65	89998	18.41	ng/uL	96
34) Hexachlorobutadiene	3.840	225	103885	22.70	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35)	4-chloro-3-methylphenol	4.057	107	261246	29.40	ng/uL	99
36)	2-Methylnaphthalene	4.187	142	474193	23.98	ng/uL	99
37)	1-Methylnaphthalene	4.252	142	462438	25.32	ng/uL	99
39)	Hexachlorocyclopentadiene	4.287	237	45022	12.37	ng/uL	98
40)	2,4,6-Trichlorophenol	4.363	196	131543	25.78	ng/uL	97
41)	2,4,5-Trichlorophenol	4.393	196	144237	27.76	ng/uL	99
43)	2-Chloronaphthalene	4.510	162	446101	26.40	ng/uL	100
44)	2-Nitroaniline	4.563	138	167077	31.76	ng/uL	99
45)	1,4-Dinitrobenzene	4.640	168	72006	32.20	ng/uL	98
46)	Dimethylphthalate	4.663	163	529777	28.02	ng/uL	100
47)	1,3-Dinitrobenzene	4.704	168	84244	29.24	ng/uL	98
48)	2,6-Dinitrotoluene	4.716	165	118310	27.78	ng/uL	98
49)	1,2-Dinitrobenzene	4.769	168	57143	28.79	ng/uL	100
50)	Acenaphthylene	4.810	152	711330	25.24	ng/uL	99
51)	3-Nitroaniline	4.857	92	180188	27.20	ng/uL	99
52)	2,4-Dinitrophenol	4.928	184	5175	8.76	ng/uL#	65
53)	Acenaphthene	4.934	153	464600	25.47	ng/uL	98
54)	4-Nitrophenol	4.969	65	118073	28.70	ng/uL	98
55)	2,4-Dinitrotoluene	5.022	165	156492	30.00	ng/uL	100
56)	Dibenzofuran	5.063	168	626750	26.12	ng/uL	99
57)	2,3,5,6-Tetrachlorophenol	5.116	232	90881	24.37	ng/uL	99
58)	2,3,4,6-Tetrachlorophenol	5.151	232	102992	24.72	ng/uL	99
59)	Diethylphthalate	5.187	149	552189	28.70	ng/uL	99
60)	4-Chlorophenyl phenyl ...	5.304	204	226457	26.01	ng/uL	100
61)	4-Nitroaniline	5.328	138	150500	28.94	ng/uL	97
62)	Fluorene	5.328	166	523510	27.09	ng/uL	100
63)	4,6-Dinitro-2-methylph...	5.346	198	24269	17.35	ng/uL#	1
64)	n-Nitrosodiphenylamine	5.393	169	445923	27.53	ng/uL	100
65)	Azobenzene	5.434	77	717386	28.42	ng/uL	100
66)	4-Bromophenyl phenyl e...	5.704	248	132901	26.88	ng/uL	100
69)	Hexachlorobenzene	5.787	284	149089	26.58	ng/uL	99
70)	Pentachlorophenol	5.946	266	62919	22.61	ng/uL	98
71)	Phenanthrene	6.122	178	748855	27.44	ng/uL	100
72)	Anthracene	6.163	178	761984	27.93	ng/uL	99
73)	Carbazole	6.293	167	723726	28.89	ng/uL	100
74)	Di-n-butylphthalate	6.557	149	940269	30.90	ng/uL	100
75)	Fluoranthene	7.157	202	768685	28.06	ng/uL	100
77)	Benzidine	7.257	184	302058	20.40	ng/uL	99
78)	Pyrene	7.375	202	793254	28.03	ng/uL	99
79)	Butylbenzylphthalate	7.987	149	408351	33.08	ng/uL	99
80)	Bis(2-ethylhexyl) adipate	8.057	129	378349	34.82	ng/uL	99
81)	Bis(2-ethylhexyl)phtha...	8.698	149	591642	33.28	ng/uL	100
82)	3,3'-Dichlorobenzidine	8.663	252	485880	48.79	ng/uL	100
83)	Benzo[a]anthracene	8.716	228	721134	26.17	ng/uL	100
84)	Chrysene	8.769	228	677073	26.79	ng/uL	100
86)	Di-n-octylphthalate	9.704	149	916886	37.64	ng/uL	100
88)	Benzo[b]fluoranthene	10.451	252	669327	26.19	ng/uL	99
89)	Benzo[k]fluoranthene	10.504	252	674005	26.42	ng/uL	99
90)	Benzo[a]pyrene	11.092	252	572562	26.26	ng/uL	100
91)	Dibenzo[a,h]anthracene	13.733	278	612900	27.24	ng/uL	100
92)	Indeno(1,2,3-cd)pyrene	13.674	276	514991	24.99	ng/uL#	98
93)	Benzo[g,h,i]perylene	14.274	276	605909	26.20	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

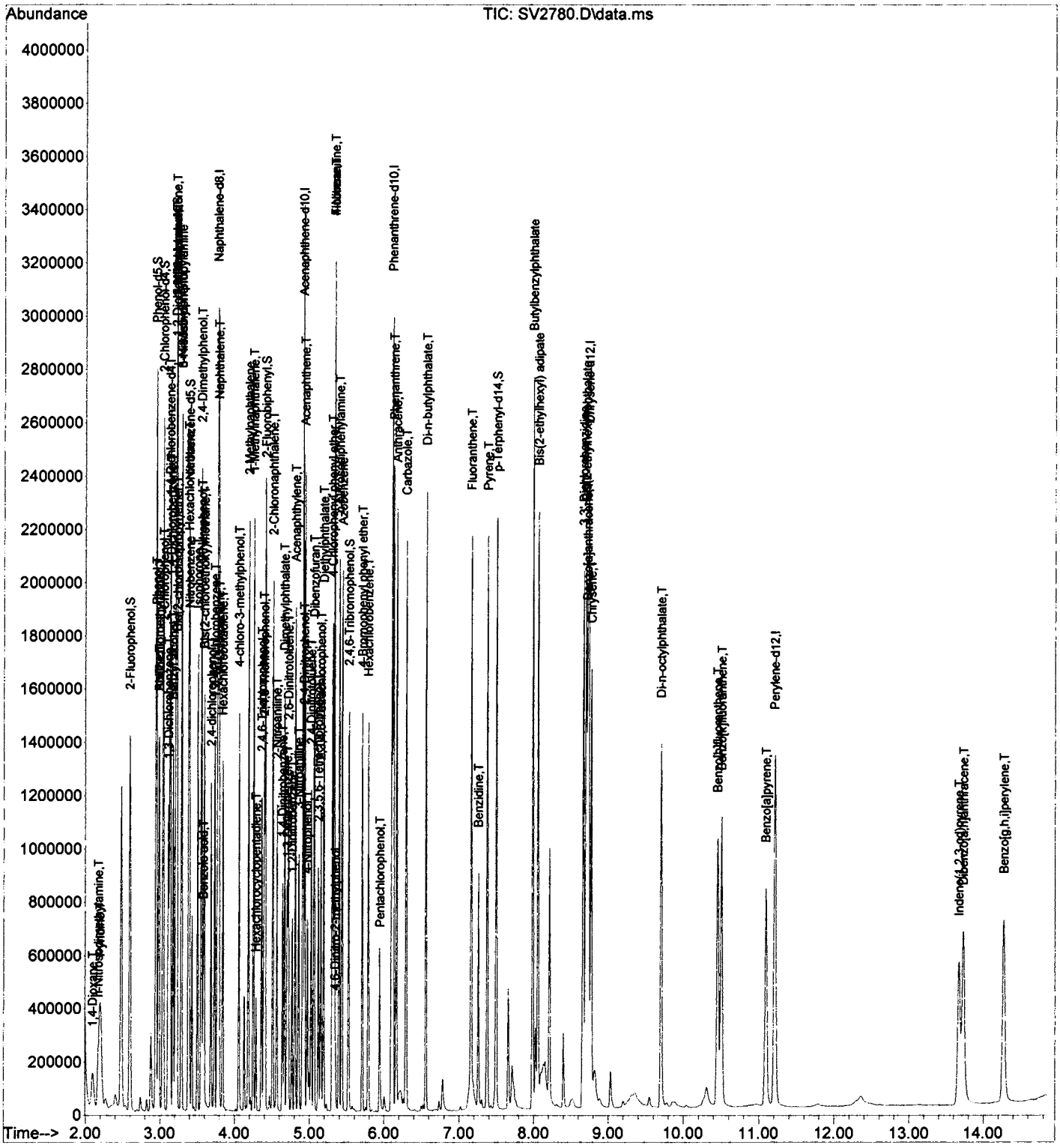
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2782.D
Acq On : 6 Mar 2022 7:51 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2LCS
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	285960	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1150327	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	589886	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1005545	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	846748	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	840935	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	697031	68.95	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 91.93%			
6) Phenol-d5	2.946	99	955342	70.99	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 94.65%			
10) 2-Chlorophenol-d4	3.034	132	631082	66.61	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 88.81%			
14) 1,2-Dichlorobenzene-d4	3.210	150	445885	38.29	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 51.05%			
23) Nitrobenzene-d5	3.387	82	598745	45.01	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 90.02%			
42) 2-Fluorobiphenyl	4.404	172	835820	43.00	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 86.00%			
68) 2,4,6-Tribromophenol	5.522	330	193650	70.96	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 94.61%			
85) p-Terphenyl-d14	7.492	244	1008977	47.60	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 95.20%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	76722	21.64	ng/uL	96
3) n-Nitrosodimethylamine	2.175	74	256321	31.96	ng/uL#	95
4) Pyridine	2.204	79	379998	28.27	ng/uL	99
7) Phenol	2.951	94	545846	36.73	ng/uL	96
8) Aniline	2.987	93	746624	24.47	ng/uL	93
9) Bis(2-chloroethyl)ether	2.987	63	318941	32.07	ng/uL	64
11) 2-Chlorophenol	3.046	128	358668	36.23	ng/uL	96
12) 1,3-Dichlorobenzene	3.110	146	339450	30.52	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	350179	31.45	ng/uL	99
15) Benzyl alcohol	3.175	79	352330	36.65	ng/uL	98
16) 1,2-Dichlorobenzene	3.216	146	334868	31.78	ng/uL	98
17) 2-Methylphenol	3.216	108	380249	36.81	ng/uL	99
18) Bis(2-chloroisopropyl)...	3.228	45	475936	33.29	ng/uL	97
19) 3+4-Methylphenol	3.287	107	429688	38.13	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	315571	36.54	ng/uL	99
21) Hexachloroethane	3.381	117	151580	34.14	ng/uL	100
22) Nitrobenzene	3.393	123	186938	35.77	ng/uL	99
25) Isophorone	3.504	82	834921	34.33	ng/uL	100
26) 2,4-Dimethylphenol	3.551	107	401422	35.58	ng/uL	98
27) 2-Nitrophenol	3.557	139	177038	40.19	ng/uL	98
28) Benzoic acid	3.587	105	283115	50.21	ng/uL	94
29) Bis(2-chloroethoxy)met...	3.593	93	509716	34.74	ng/uL	100
30) 2,4-dichlorophenol	3.681	162	267374	35.77	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.734	180	266032	30.81	ng/uL	99
32) Naphthalene	3.781	128	1026198	32.26	ng/uL#	80
33) 4-Chloroaniline	3.793	65	90089	18.25	ng/uL	77
34) Hexachlorobutadiene	3.840	225	138792	30.05	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2782.D
Acq On : 6 Mar 2022 7:51 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2LCS
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

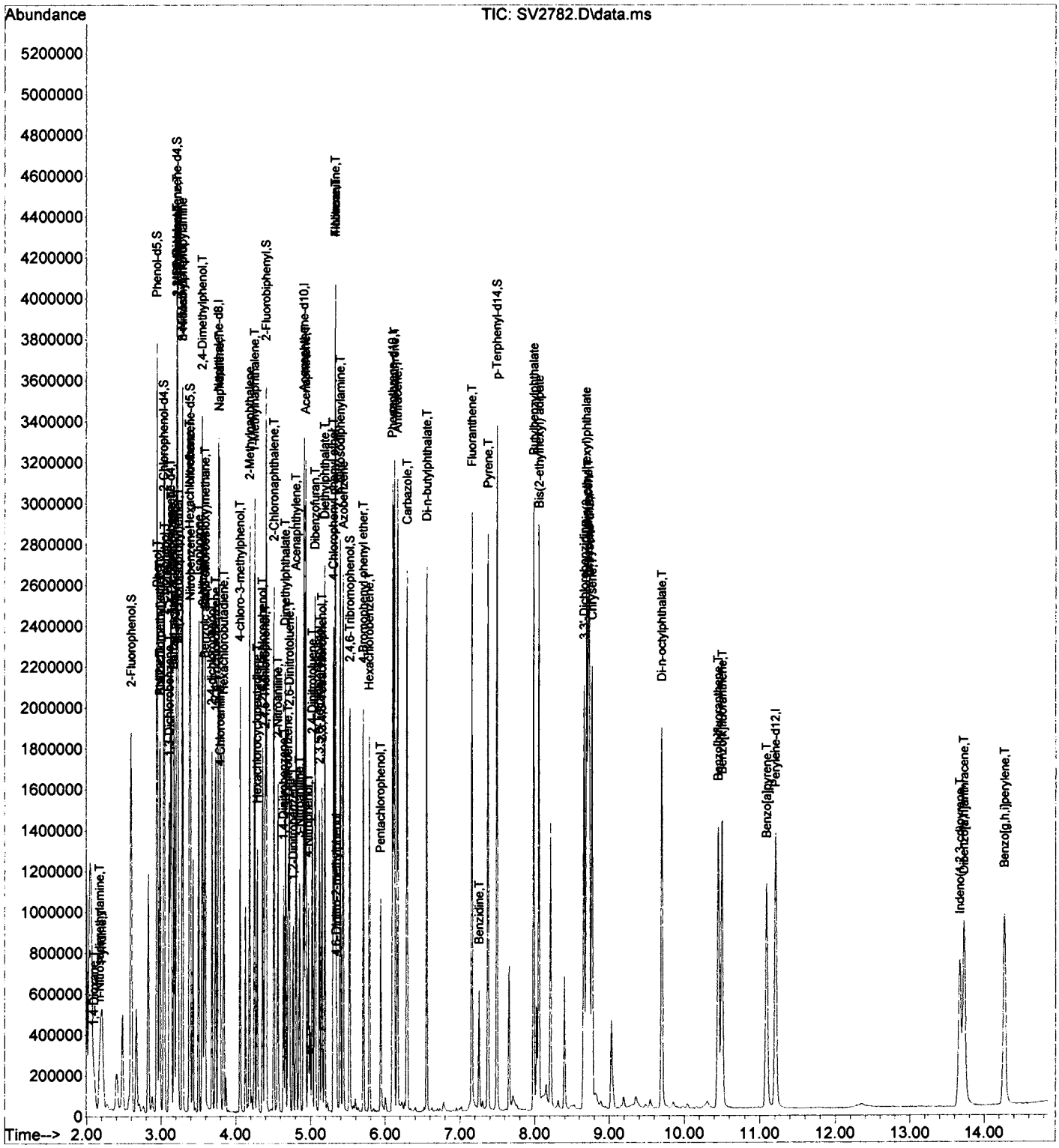
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.057	107	353235	39.38	ng/uL	99
36) 2-Methylnaphthalene	4.187	142	631363	31.63	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	615125	33.37	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	131692	32.33	ng/uL	99
40) 2,4,6-Trichlorophenol	4.357	196	179996	34.43	ng/uL	98
41) 2,4,5-Trichlorophenol	4.393	196	195214	36.78	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	598999	35.28	ng/uL	100
44) 2-Nitroaniline	4.563	138	231296	42.50	ng/uL	97
45) 1,4-Dinitrobenzene	4.640	168	96144	41.16	ng/uL	98
46) Dimethylphthalate	4.663	163	702354	36.97	ng/uL	99
47) 1,3-Dinitrobenzene	4.698	168	112438	37.81	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	159160	36.55	ng/uL	99
49) 1,2-Dinitrobenzene	4.769	168	75870	37.27	ng/uL	99
50) Acenaphthylene	4.804	152	953530	33.67	ng/uL	100
51) 3-Nitroaniline	4.851	92	209279	31.19	ng/uL	100
53) Acenaphthene	4.934	153	628877	34.32	ng/uL	98
54) 4-Nitrophenol	4.969	65	165514	38.78	ng/uL	98
55) 2,4-Dinitrotoluene	5.022	165	210567	39.21	ng/uL	100
56) Dibenzofuran	5.057	168	833578	34.58	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.116	232	136376	35.12	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	146032	34.17	ng/uL	100
59) Diethylphthalate	5.187	149	738829	38.22	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	304162	34.77	ng/uL	99
61) 4-Nitroaniline	5.328	138	191801	36.09	ng/uL	99
62) Fluorene	5.328	166	698380	35.97	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.345	198	49216	29.34	ng/uL	88
64) n-Nitrosodiphenylamine	5.393	169	598295	36.76	ng/uL	100
65) Azobenzene	5.434	77	961601	37.92	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	177408	35.71	ng/uL	99
69) Hexachlorobenzene	5.787	284	202137	35.95	ng/uL	100
70) Pentachlorophenol	5.940	266	97695	32.80	ng/uL	99
71) Phenanthrene	6.122	178	1006359	36.79	ng/uL	100
72) Anthracene	6.163	178	1013382	37.05	ng/uL	100
73) Carbazole	6.292	167	970465	38.65	ng/uL	100
74) Di-n-butylphthalate	6.557	149	1241575	40.71	ng/uL	100
75) Fluoranthene	7.157	202	1025876	37.36	ng/uL	100
77) Benzidine	7.257	184	222250	15.90	ng/uL	99
78) Pyrene	7.375	202	1057415	37.69	ng/uL	100
79) Butylbenzylphthalate	7.986	149	542580	42.64	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.057	129	507403	45.07	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.692	149	777321	42.56	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.663	252	525138	52.71	ng/uL	100
83) Benzo[a]anthracene	8.716	228	968143	35.44	ng/uL	100
84) Chrysene	8.769	228	898576	35.87	ng/uL	99
86) Di-n-octylphthalate	9.698	149	1255256	48.87	ng/uL	100
88) Benzo[b]fluoranthene	10.451	252	879540	34.12	ng/uL	100
89) Benzo[k]fluoranthene	10.504	252	925358	36.62	ng/uL	99
90) Benzo[a]pyrene	11.092	252	772184	34.99	ng/uL	99
91) Dibenzo[a,h]anthracene	13.727	278	820642	35.91	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.674	276	706887	33.57	ng/uL#	99
93) Benzo[g,h,i]perylene	14.274	276	815716	34.91	ng/uL	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2782.D
Acq On : 6 Mar 2022 7:51 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2LCS
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	298739	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1208259	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	620072	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1038722	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	869368	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	874869	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.598	112	323111	30.59	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	40.79%		
6) Phenol-d5	2.945	99	444675	31.63	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	42.17%		
10) 2-Chlorophenol-d4	3.040	132	292221	29.52	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	39.36%		
14) 1,2-Dichlorobenzene-d4	3.210	150	209315	17.20	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	22.93%		
23) Nitrobenzene-d5	3.387	82	290401	20.90	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	41.80%#		
42) 2-Fluorobiphenyl	4.404	172	400528	19.60	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	39.20%#		
68) 2,4,6-Tribromophenol	5.522	330	80780	31.32	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	41.76%		
85) p-Terphenyl-d14	7.492	244	444539	20.42	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	40.84%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	36684	9.90	ng/uL	97
3) n-Nitrosodimethylamine	2.181	74	120571	14.39	ng/uL#	82
4) Pyridine	2.210	79	179301	12.77	ng/uL	98
7) Phenol	2.951	94	257090	16.56	ng/uL	94
8) Aniline	2.987	93	337278	10.58	ng/uL#	91
9) Bis(2-chloroethyl)ether	2.987	63	152279	14.66	ng/uL	59
11) 2-Chlorophenol	3.045	128	166410	16.09	ng/uL	94
12) 1,3-Dichlorobenzene	3.110	146	167418	14.41	ng/uL	97
13) 1,4-Dichlorobenzene	3.140	146	151109	12.99	ng/uL#	90
15) Benzyl alcohol	3.175	79	171599	17.09	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	157141	14.27	ng/uL	98
17) 2-Methylphenol	3.216	108	176089	16.32	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.228	45	234554	15.70	ng/uL	99
19) 3+4-Methylphenol	3.287	107	200618	17.04	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	149818	16.61	ng/uL	98
21) Hexachloroethane	3.381	117	65834	14.19	ng/uL	97
22) Nitrobenzene	3.393	123	91181	16.70	ng/uL	97
25) Isophorone	3.504	82	394914	15.46	ng/uL	99
26) 2,4-Dimethylphenol	3.551	107	180971	15.90	ng/uL	95
27) 2-Nitrophenol	3.557	139	88293	20.47	ng/uL	97
28) Benzoic acid	3.575	105	61508	14.63	ng/uL#	57
29) Bis(2-chloroethoxy)met...	3.592	93	247552	16.06	ng/uL	99
30) 2,4-dichlorophenol	3.681	162	123413	15.72	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	126600	13.96	ng/uL	99
32) Naphthalene	3.781	128	505843	15.14	ng/uL#	80
33) 4-Chloroaniline	3.792	65	46772	9.02	ng/uL	84
34) Hexachlorobutadiene	3.840	225	65031	13.40	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.057	107	156421	16.60	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	310195	14.79	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	304547	15.73	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	9176	2.93	ng/uL	98
40) 2,4,6-Trichlorophenol	4.357	196	82500	15.78	ng/uL	97
41) 2,4,5-Trichlorophenol	4.387	196	85908	16.07	ng/uL	99
43) 2-Chloronaphthalene	4.504	162	291246	16.32	ng/uL	100
44) 2-Nitroaniline	4.563	138	103957	19.51	ng/uL	99
45) 1,4-Dinitrobenzene	4.639	168	37246	17.12	ng/uL	94
46) Dimethylphthalate	4.663	163	330253	16.54	ng/uL	97
47) 1,3-Dinitrobenzene	4.698	168	49412	17.31	ng/uL	97
48) 2,6-Dinitrotoluene	4.716	165	75520	17.38	ng/uL	97
49) 1,2-Dinitrobenzene	4.763	168	34078	17.10	ng/uL	99
50) Acenaphthylene	4.804	152	454132	15.25	ng/uL	100
51) 3-Nitroaniline	4.851	92	90438	13.44	ng/uL	98
52) 2,4-Dinitrophenol	4.922	184	9288	12.35	ng/uL#	52
53) Acenaphthene	4.928	153	300353	15.59	ng/uL	99
54) 4-Nitrophenol	4.969	65	75049	17.89	ng/uL	98
55) 2,4-Dinitrotoluene	5.022	165	92420	17.53	ng/uL	99
56) Dibenzofuran	5.057	168	398077	15.71	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.116	232	52588	14.03	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	59480	13.98	ng/uL	99
59) Diethylphthalate	5.187	149	335601	16.51	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.304	204	140854	15.32	ng/uL	99
61) 4-Nitroaniline	5.322	138	70257	13.50	ng/uL	97
62) Fluorene	5.322	166	329518	16.14	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.345	198	21285	15.19	ng/uL#	83
64) n-Nitrosodiphenylamine	5.392	169	271641	15.88	ng/uL	99
65) Azobenzene	5.428	77	453898	17.03	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	81135	15.54	ng/uL	98
69) Hexachlorobenzene	5.786	284	89475	15.40	ng/uL	99
70) Pentachlorophenol	5.939	266	29772	12.04	ng/uL	99
71) Phenanthrene	6.122	178	468793	16.59	ng/uL	100
72) Anthracene	6.163	178	465613	16.48	ng/uL	100
73) Carbazole	6.292	167	428108	16.50	ng/uL	100
74) Di-n-butylphthalate	6.551	149	576580	18.30	ng/uL	100
75) Fluoranthene	7.157	202	469437	16.55	ng/uL	99
77) Benzidine	7.228	184	567	2.33	ng/uL#	1
78) Pyrene	7.375	202	476596	16.55	ng/uL	99
79) Butylbenzylphthalate	7.980	149	243709	21.08	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.051	129	221429	21.89	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.692	149	345938	20.71	ng/uL	98
82) 3,3'-Dichlorobenzidine	8.657	252	77566	9.74	ng/uL	98
83) Benzo[a]anthracene	8.716	228	426481	15.21	ng/uL	100
84) Chrysene	8.763	228	400385	15.57	ng/uL	99
86) Di-n-octylphthalate	9.698	149	556372	25.15	ng/uL	99
88) Benzo[b]fluoranthene	10.451	252	392863	15.40	ng/uL	99
89) Benzo[k]fluoranthene	10.498	252	399223	15.18	ng/uL	98
90) Benzo[a]pyrene	11.086	252	335265	15.46	ng/uL	99
91) Dibenzo[a,h]anthracene	13.733	278	372313	16.68	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	13.674	276	318138	15.67	ng/uL#	96
93) Benzo[g,h,i]perylene	14.274	276	351125	15.24	ng/uL	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

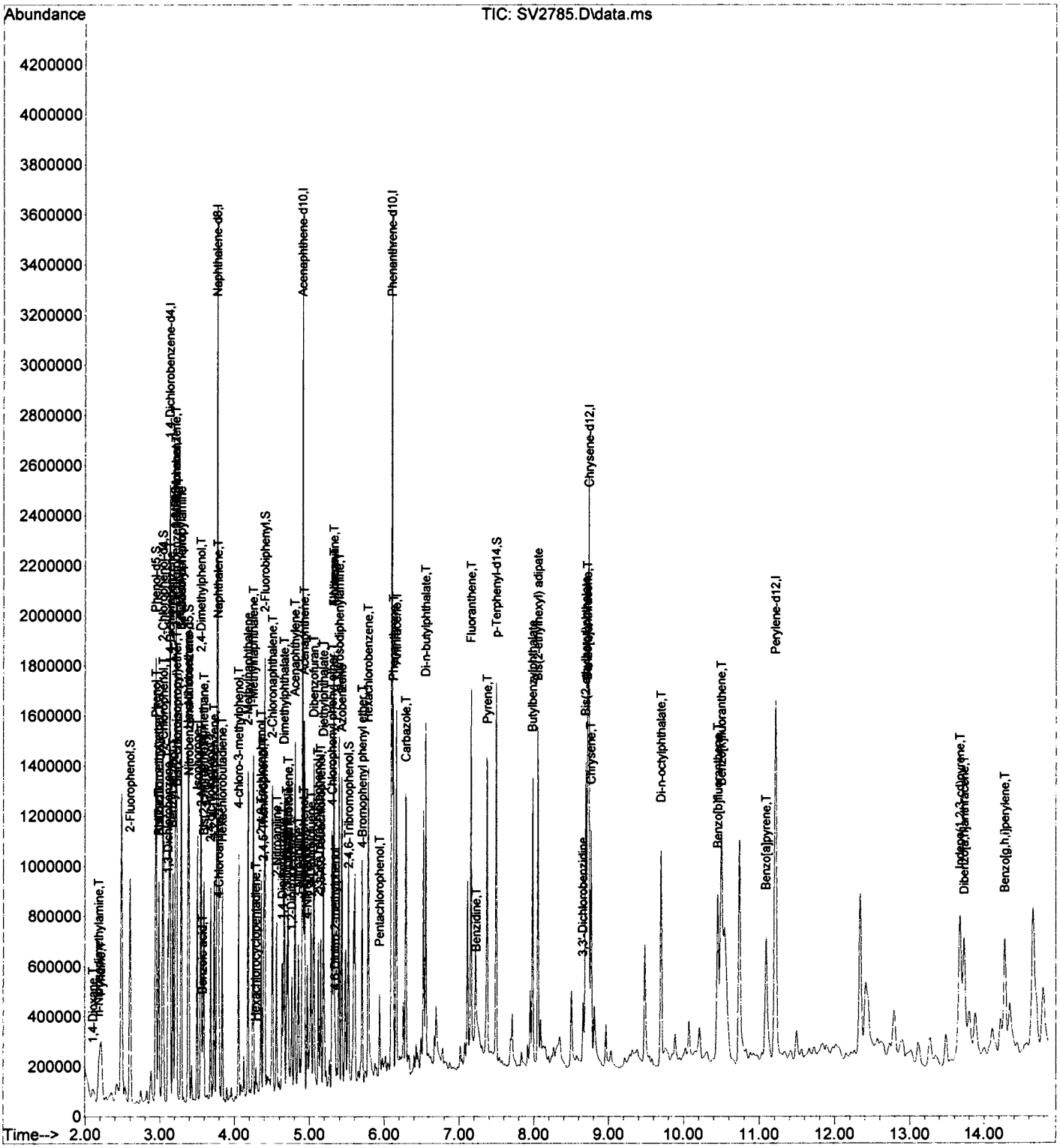
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	294648	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1189888	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	606978	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1026772	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	848811	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	856385	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	316757	30.41	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	40.55%		
6) Phenol-d5	2.946	99	434693	31.35	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	41.80%		
10) 2-Chlorophenol-d4	3.040	132	285069	29.20	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	38.93%		
14) 1,2-Dichlorobenzene-d4	3.210	150	207636	17.30	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	23.07%		
23) Nitrobenzene-d5	3.387	82	281581	20.55	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	41.10%#		
42) 2-Fluorobiphenyl	4.404	172	381273	19.06	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	38.12%#		
68) 2,4,6-Tribromophenol	5.516	330	77083	30.31	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	40.41%		
85) p-Terphenyl-d14	7.492	244	424592	19.98	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	39.96%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	38148	10.44	ng/uL	96
3) n-Nitrosodimethylamine	2.181	74	121662	14.72	ng/uL#	84
4) Pyridine	2.210	79	186397	13.46	ng/uL	98
7) Phenol	2.952	94	252960	16.52	ng/uL	94
8) Aniline	2.987	93	314858	10.02	ng/uL#	89
9) Bis(2-chloroethyl)ether	2.987	63	152229	14.85	ng/uL#	53
11) 2-Chlorophenol	3.046	128	163496	16.03	ng/uL	93
12) 1,3-Dichlorobenzene	3.110	146	168129	14.67	ng/uL	97
13) 1,4-Dichlorobenzene	3.140	146	152587	13.30	ng/uL#	90
15) Benzyl alcohol	3.175	79	165945	16.75	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	157761	14.53	ng/uL	98
17) 2-Methylphenol	3.216	108	172249	16.18	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.228	45	234878	15.94	ng/uL	98
19) 3+4-Methylphenol	3.287	107	196106	16.89	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.287	70	148524	16.69	ng/uL	98
21) Hexachloroethane	3.381	117	69461	15.18	ng/uL	98
22) Nitrobenzene	3.393	123	89203	16.56	ng/uL	97
25) Isophorone	3.505	82	384285	15.28	ng/uL	99
26) 2,4-Dimethylphenol	3.552	107	175349	15.66	ng/uL	84
27) 2-Nitrophenol	3.557	139	84637	19.97	ng/uL	96
28) Benzoic acid	3.575	105	54918	13.50	ng/uL#	60
29) Bis(2-chloroethoxy)met...	3.593	93	237424	15.64	ng/uL	99
30) 2,4-dichlorophenol	3.681	162	121740	15.75	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	124779	13.97	ng/uL	99
32) Naphthalene	3.781	128	494818	15.04	ng/uL#	77
33) 4-Chloroaniline	3.793	65	43264	8.47	ng/uL	84
34) Hexachlorobutadiene	3.840	225	64858	13.57	ng/uL	99

AL 3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.057	107	161344	17.39	ng/uL	98
36) 2-Methylnaphthalene	4.181	142	301799	14.62	ng/uL	99
37) 1-Methylnaphthalene	4.252	142	293532	15.39	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	12794	3.92	ng/uL	98
40) 2,4,6-Trichlorophenol	4.357	196	79505	15.54	ng/uL	97
41) 2,4,5-Trichlorophenol	4.387	196	85219	16.28	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	282741	16.18	ng/uL	99
44) 2-Nitroaniline	4.563	138	102684	19.67	ng/uL	99
45) 1,4-Dinitrobenzene	4.640	168	38541	17.99	ng/uL	97
46) Dimethylphthalate	4.663	163	319324	16.33	ng/uL	97
47) 1,3-Dinitrobenzene	4.699	168	46988	16.88	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	71870	16.94	ng/uL	100
49) 1,2-Dinitrobenzene	4.763	168	31826	16.40	ng/uL	97
50) Acenaphthylene	4.804	152	437763	15.02	ng/uL	100
51) 3-Nitroaniline	4.851	92	89267	13.54	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	9570	12.79	ng/uL#	65
53) Acenaphthene	4.928	153	294732	15.63	ng/uL	98
54) 4-Nitrophenol	4.969	65	74811	18.20	ng/uL	97
55) 2,4-Dinitrotoluene	5.016	165	87507	17.00	ng/uL	99
56) Dibenzofuran	5.057	168	386432	15.58	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.116	232	44839	12.36	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	54807	13.21	ng/uL	100
59) Diethylphthalate	5.187	149	325638	16.37	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.304	204	136228	15.13	ng/uL	99
61) 4-Nitroaniline	5.322	138	75018	14.63	ng/uL	98
62) Fluorene	5.322	166	317180	15.88	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.346	198	20469	15.00	ng/uL#	78
64) n-Nitrosodiphenylamine	5.393	169	259889	15.52	ng/uL	100
65) Azobenzene	5.428	77	437240	16.76	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	79412	15.53	ng/uL	98
69) Hexachlorobenzene	5.787	284	87627	15.26	ng/uL	99
70) Pentachlorophenol	5.940	266	21127	9.45	ng/uL	99
71) Phenanthrene	6.122	178	449563	16.10	ng/uL	99
72) Anthracene	6.163	178	452474	16.20	ng/uL	99
73) Carbazole	6.287	167	419534	16.36	ng/uL	100
74) Di-n-butylphthalate	6.551	149	562622	18.07	ng/uL	100
75) Fluoranthene	7.157	202	451715	16.11	ng/uL	99
77) Benzidine	0.000		0	N.D.		
78) Pyrene	7.369	202	457770	16.28	ng/uL	100
79) Butylbenzylphthalate	7.981	149	232353	20.67	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.051	129	216053	21.88	ng/uL	98
81) Bis(2-ethylhexyl)phtha...	8.692	149	334482	20.54	ng/uL	97
82) 3,3'-Dichlorobenzidine	8.657	252	115832	13.81	ng/uL	98
83) Benzo[a]anthracene	8.716	228	409741	14.96	ng/uL	100
84) Chrysene	8.763	228	387424	15.43	ng/uL	99
86) Di-n-octylphthalate	9.698	149	545551	25.23	ng/uL	100
88) Benzo[b]fluoranthene	10.451	252	386438	15.48	ng/uL	98
89) Benzo[k]fluoranthene	10.498	252	383355	14.90	ng/uL	98
90) Benzo[a]pyrene	11.086	252	328342	15.47	ng/uL	99
91) Dibenzo[a,h]anthracene	13.727	278	362595	16.60	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	13.674	276	312022	15.70	ng/uL#	94
93) Benzo[g,h,i]perylene	14.274	276	350221	15.52	ng/uL	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

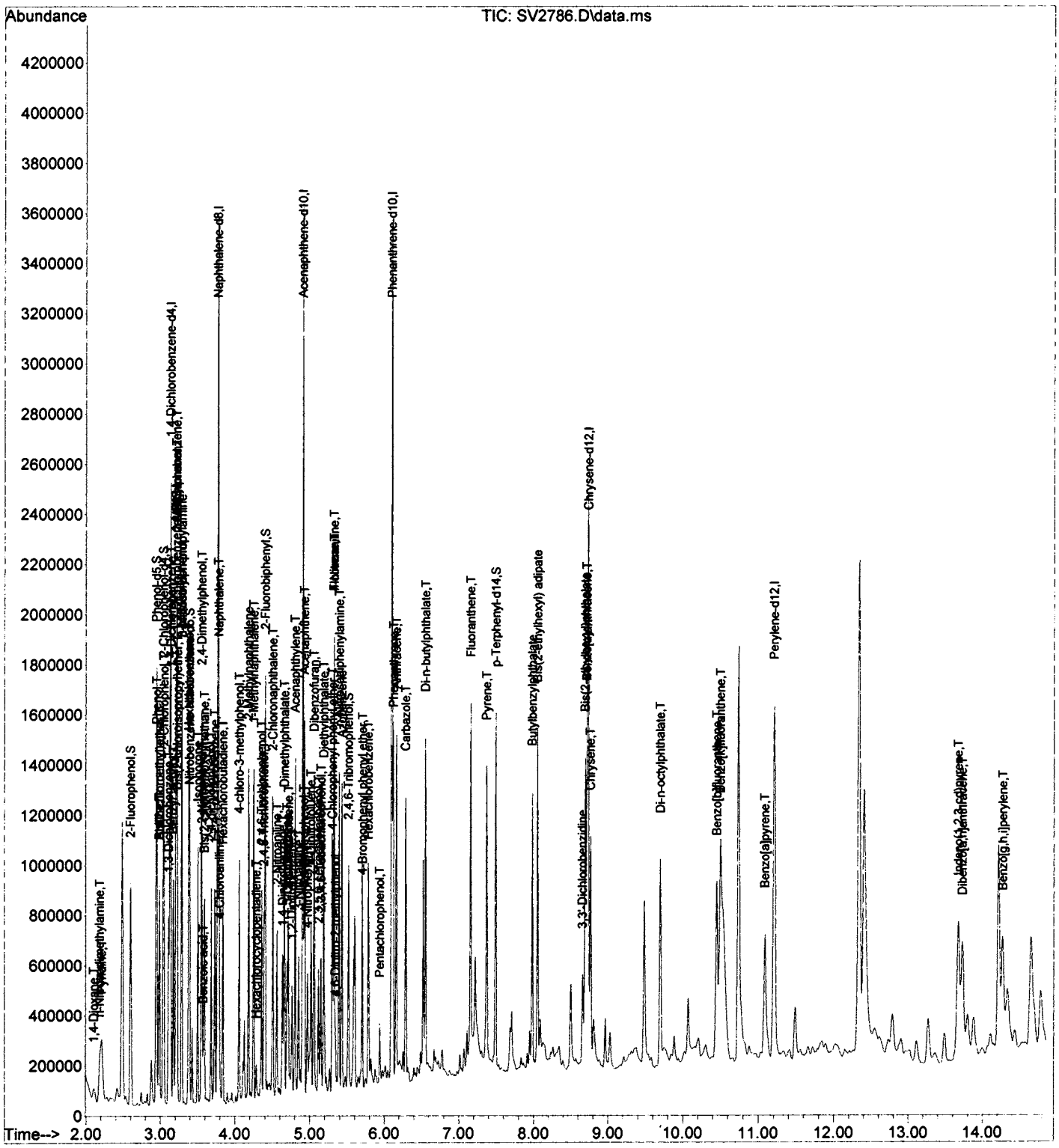
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2815.D
Acq On : 7 Mar 2022 10:43 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	295106	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1197916	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.916	164	608419	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	1025195	40.00	ng/uL	0.00
76) Chrysene-d12	8.745	240	862535	40.00	ng/uL	0.01
87) Perylene-d12	11.233	264	872087	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	600010	57.51	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 76.68%			
6) Phenol-d5	2.952	99	849785	61.19	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 81.59%			
10) 2-Chlorophenol-d4	3.046	132	557567	57.02	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 76.03%			
14) 1,2-Dichlorobenzene-d4	3.216	150	374587	31.17	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 41.56%			
23) Nitrobenzene-d5	3.393	82	526298	38.34	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 76.68%			
42) 2-Fluorobiphenyl	4.410	172	759867	37.90	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 75.80%			
68) 2,4,6-Tribromophenol	5.528	330	166960	61.28	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 81.71%			
85) p-Terphenyl-d14	7.504	244	875606	40.55	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.10%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.110	58	62415	17.06	ng/uL	97
3) n-Nitrosodimethylamine	2.181	74	209117	25.27	ng/uL#	83
4) Pyridine	2.210	79	311145	22.43	ng/uL	98
7) Phenol	2.957	94	499879	32.60	ng/uL	95
8) Aniline	2.993	93	518176	16.46	ng/uL#	87
9) Bis(2-chloroethyl)ether	2.993	63	273180	26.62	ng/uL#	45
11) 2-Chlorophenol	3.052	128	323759	31.69	ng/uL	95
12) 1,3-Dichlorobenzene	3.116	146	288203	25.11	ng/uL	99
13) 1,4-Dichlorobenzene	3.146	146	289503	25.20	ng/uL	100
15) Benzyl alcohol	3.181	79	317273	31.98	ng/uL	99
16) 1,2-Dichlorobenzene	3.222	146	287760	26.46	ng/uL	99
17) 2-Methylphenol	3.228	108	349485	32.78	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.234	45	437567	29.65	ng/uL	95
19) 3+4-Methylphenol	3.293	107	398342	34.25	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.293	70	291960	32.76	ng/uL	99
21) Hexachloroethane	3.387	117	135682	29.61	ng/uL	94
22) Nitrobenzene	3.399	123	164641	30.52	ng/uL	97
25) Isophorone	3.510	82	773766	30.55	ng/uL	100
26) 2,4-Dimethylphenol	3.557	107	373684	31.95	ng/uL	98
27) 2-Nitrophenol	3.563	139	164493	36.31	ng/uL	95
28) Benzoic acid	3.599	105	336738	55.26	ng/uL	92
29) Bis(2-chloroethoxy)met...	3.599	93	464351	30.39	ng/uL	98
30) 2,4-dichlorophenol	3.693	162	250149	32.14	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.740	180	236489	26.30	ng/uL	100
32) Naphthalene	3.787	128	954843	28.82	ng/uL#	71
33) 4-Chloroaniline	3.799	65	60273	11.73	ng/uL#	56
34) Hexachlorobutadiene	3.846	225	124746	25.93	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2815.D
Acq On : 7 Mar 2022 10:43 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

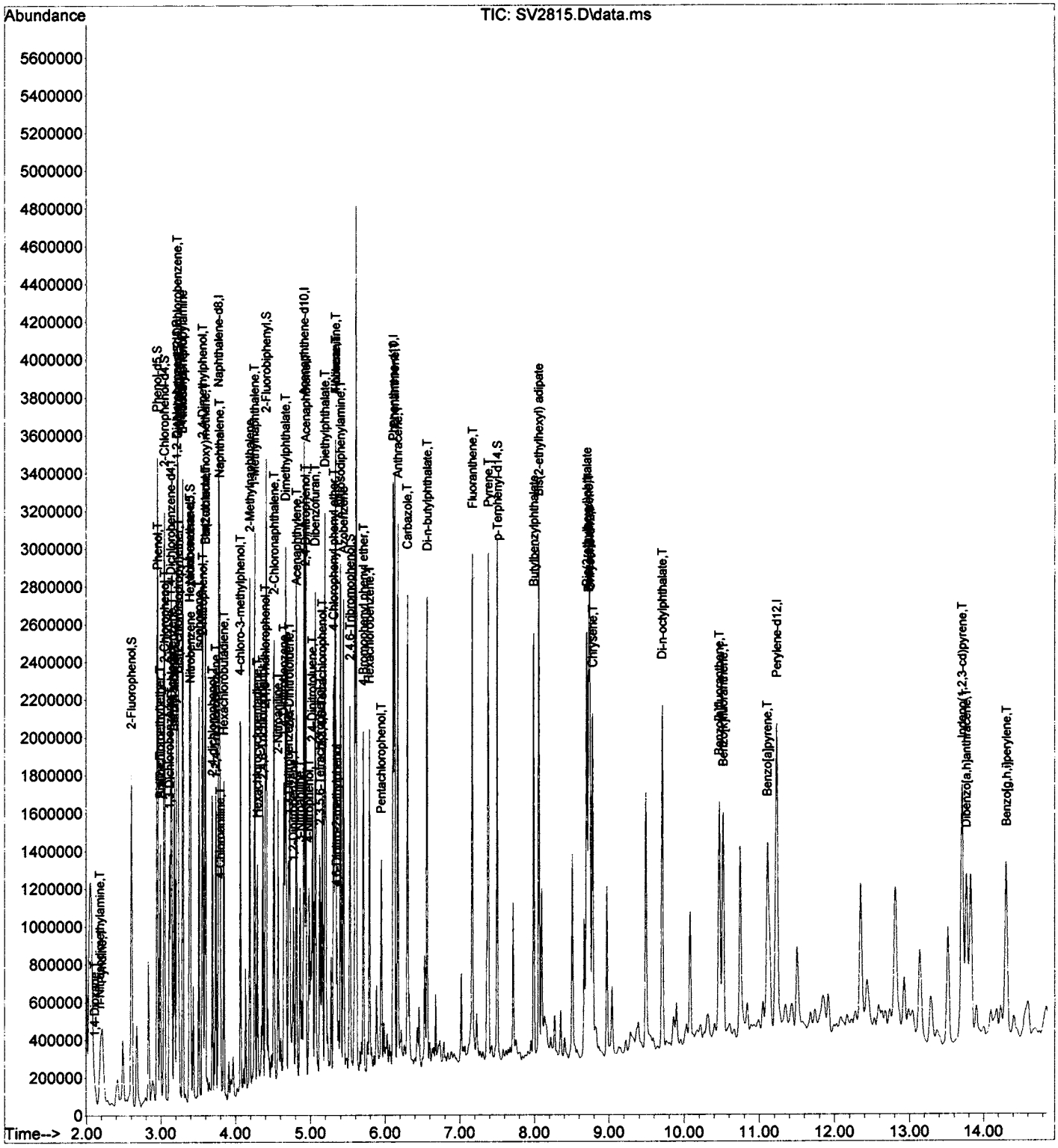
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.063	107	323723	34.65	ng/uL	99
36) 2-Methylnaphthalene	4.193	142	615133	29.59	ng/uL	99
37) 1-Methylnaphthalene	4.257	142	614407	32.01	ng/uL	100
39) Hexachlorocyclopentadiene	4.293	237	115431	28.01	ng/uL	99
40) 2,4,6-Trichlorophenol	4.369	196	167405	31.26	ng/uL	97
41) 2,4,5-Trichlorophenol	4.399	196	177349	32.63	ng/uL	99
43) 2-Chloronaphthalene	4.516	162	554334	31.65	ng/uL	100
44) 2-Nitroaniline	4.569	138	205591	37.15	ng/uL	99
45) 1,4-Dinitrobenzene	4.646	168	89626	37.74	ng/uL	95
46) Dimethylphthalate	4.669	163	651237	33.23	ng/uL	90
47) 1,3-Dinitrobenzene	4.710	168	101711	33.57	ng/uL	98
48) 2,6-Dinitrotoluene	4.722	165	153938	34.41	ng/uL	96
49) 1,2-Dinitrobenzene	4.775	168	68635	33.00	ng/uL	98
50) Acenaphthylene	4.816	152	880385	30.14	ng/uL	99
51) 3-Nitroaniline	4.863	92	159756	23.46	ng/uL	98
52) 2,4-Dinitrophenol	4.934	184	41696	35.74	ng/uL	96
53) Acenaphthene	4.940	153	582035	30.79	ng/uL	100
54) 4-Nitrophenol	4.981	65	163404	37.29	ng/uL	97
55) 2,4-Dinitrotoluene	5.028	165	189868	34.67	ng/uL	99
56) Dibenzofuran	5.063	168	786292	31.62	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.128	232	116309	29.55	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.157	232	124981	28.68	ng/uL	99
59) Diethylphthalate	5.193	149	679003	34.05	ng/uL	97
60) 4-Chlorophenyl phenyl ...	5.310	204	273673	30.33	ng/uL	95
61) 4-Nitroaniline	5.334	138	123108	23.20	ng/uL	93
62) Fluorene	5.334	166	639410	31.93	ng/uL	98
63) 4,6-Dinitro-2-methylph...	5.351	198	67384	36.40	ng/uL	90
64) n-Nitrosodiphenylamine	5.398	169	553098	32.95	ng/uL	99
65) Azobenzene	5.440	77	889832	34.02	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.710	248	160716	31.36	ng/uL	96
69) Hexachlorobenzene	5.793	284	175586	30.63	ng/uL	99
70) Pentachlorophenol	5.951	266	79310	27.00	ng/uL	99
71) Phenanthrene	6.128	178	936666	33.59	ng/uL	100
72) Anthracene	6.169	178	915284	32.83	ng/uL	100
73) Carbazole	6.298	167	854499	33.38	ng/uL	100
74) Di-n-butylphthalate	6.563	149	1144906	36.82	ng/uL	100
75) Fluoranthene	7.169	202	928172	33.15	ng/uL	100
78) Pyrene	7.381	202	947544	33.16	ng/uL	100
79) Butylbenzylphthalate	7.992	149	496488	38.84	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.057	129	466975	41.33	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.704	149	701214	38.27	ng/uL	99
83) Benzo[a]anthracene	8.728	228	832114	29.90	ng/uL	100
84) Chrysene	8.781	228	785307	30.78	ng/uL	100
86) Di-n-octylphthalate	9.710	149	1173007	45.56	ng/uL	100
88) Benzo[b]fluoranthene	10.469	252	751679	28.47	ng/uL	100
89) Benzo[k]fluoranthene	10.522	252	769681	29.37	ng/uL	99
90) Benzo[a]pyrene	11.110	252	638877	28.37	ng/uL	99
91) Dibenzo[a,h]anthracene	13.769	278	692438	29.73	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	13.710	276	574459	26.93	ng/uL#	96
93) Benzo[g,h,i]perylene	14.310	276	595709	25.15	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2815.D
Acq On : 7 Mar 2022 10:43 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2816.D
Acq On : 7 Mar 2022 11:01 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	284273	40.00	ng/uL	0.01
24) Naphthalene-d8	3.781	136	1138423	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.916	164	576891	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	966094	40.00	ng/uL	0.00
76) Chrysene-d12	8.745	240	801902	40.00	ng/uL	0.01
87) Perylene-d12	11.233	264	817507	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	529228	52.66	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 70.21%			
6) Phenol-d5	2.951	99	765561	57.22	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.29%			
10) 2-Chlorophenol-d4	3.046	132	491805	52.21	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 69.61%			
14) 1,2-Dichlorobenzene-d4	3.216	150	325244	28.09	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 37.45%			
23) Nitrobenzene-d5	3.393	82	464625	35.14	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 70.28%			
42) 2-Fluorobiphenyl	4.416	172	683444	35.95	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 71.90%			
68) 2,4,6-Tribromophenol	5.534	330	149142	58.45	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 77.93%			
85) p-Terphenyl-d14	7.504	244	785838	39.14	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 78.28%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.116	58	50789	14.41	ng/uL	98
3) n-Nitrosodimethylamine	2.187	74	177338	22.24	ng/uL#	82
4) Pyridine	2.216	79	252541	18.90	ng/uL	97
7) Phenol	2.957	94	449817	30.45	ng/uL	95
8) Aniline	2.993	93	433458	14.29	ng/uL#	86
9) Bis(2-chloroethyl)ether	2.993	63	238195	24.09	ng/uL#	43
11) 2-Chlorophenol	3.051	128	288578	29.32	ng/uL	95
12) 1,3-Dichlorobenzene	3.122	146	256780	23.23	ng/uL	99
13) 1,4-Dichlorobenzene	3.146	146	244781	22.12	ng/uL	96
15) Benzyl alcohol	3.187	79	284691	29.79	ng/uL	99
16) 1,2-Dichlorobenzene	3.222	146	250742	23.93	ng/uL	98
17) 2-Methylphenol	3.228	108	312550	30.44	ng/uL	96
18) Bis(2-chloroisopropyl)...	3.234	45	396668	27.91	ng/uL	95
19) 3+4-Methylphenol	3.299	107	359952	32.13	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.299	70	267703	31.18	ng/uL	99
21) Hexachloroethane	3.387	117	120962	27.41	ng/uL	93
22) Nitrobenzene	3.404	123	148204	28.52	ng/uL	98
25) Isophorone	3.516	82	704532	29.27	ng/uL	99
26) 2,4-Dimethylphenol	3.563	107	342232	30.84	ng/uL	98
27) 2-Nitrophenol	3.563	139	146526	34.26	ng/uL	94
28) Benzoic acid	3.599	105	297959	52.50	ng/uL	96
29) Bis(2-chloroethoxy)met...	3.599	93	418002	28.79	ng/uL	98
30) 2,4-dichlorophenol	3.693	162	226184	30.58	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.740	180	209788	24.55	ng/uL	99
32) Naphthalene	3.793	128	854227	27.13	ng/uL#	69
33) 4-Chloroaniline	3.804	65	51346	10.51	ng/uL#	52
34) Hexachlorobutadiene	3.851	225	113183	24.76	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2816.D
Acq On : 7 Mar 2022 11:01 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

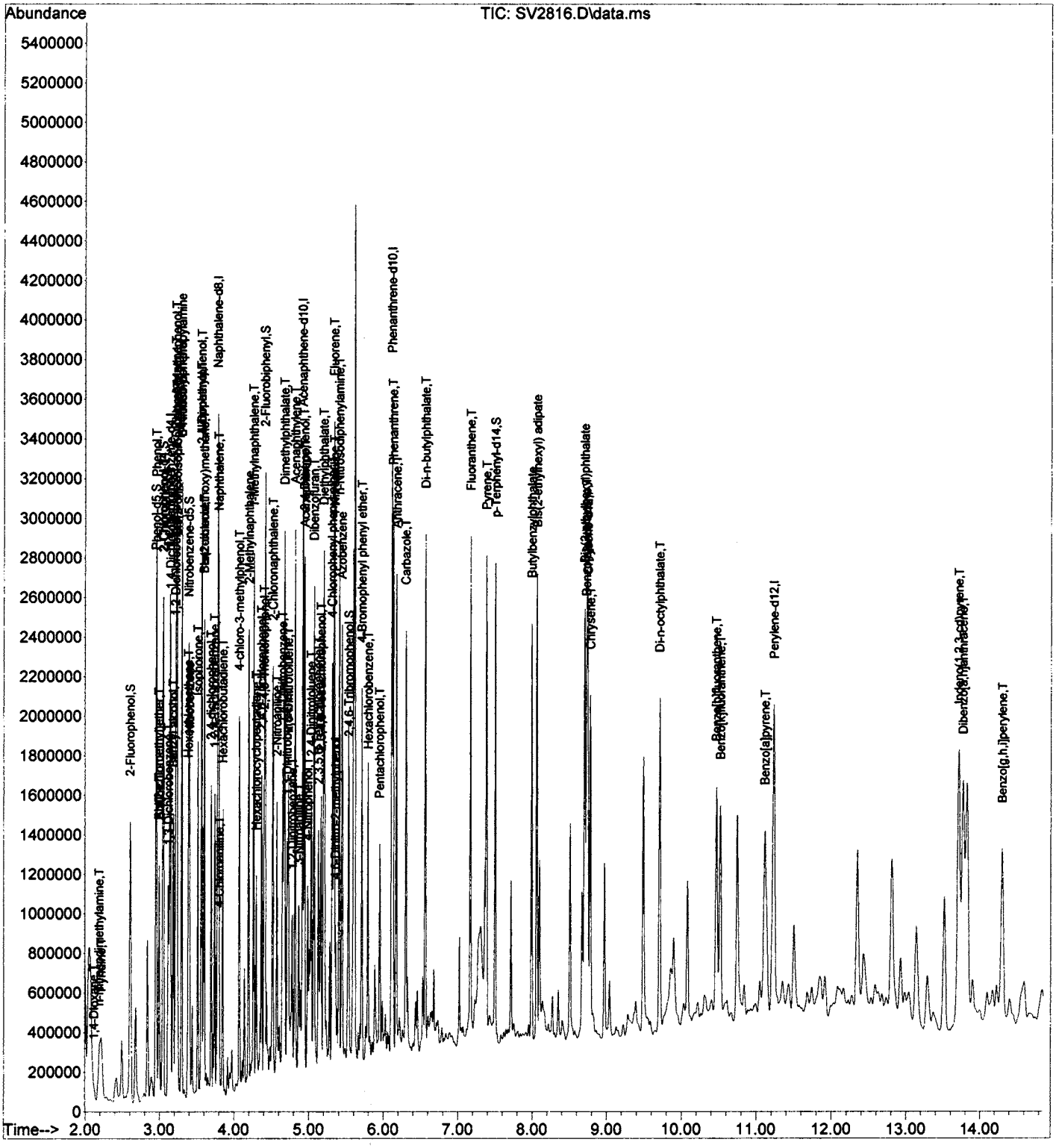
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.069	107	298062	33.57	ng/uL	99
36) 2-Methylnaphthalene	4.198	142	562202	28.46	ng/uL	99
37) 1-Methylnaphthalene	4.263	142	560255	30.71	ng/uL	100
39) Hexachlorocyclopentadiene	4.298	237	99679	25.78	ng/uL	99
40) 2,4,6-Trichlorophenol	4.369	196	154064	30.40	ng/uL	97
41) 2,4,5-Trichlorophenol	4.404	196	159744	31.09	ng/uL	99
43) 2-Chloronaphthalene	4.522	162	502739	30.28	ng/uL	100
44) 2-Nitroaniline	4.575	138	187043	35.78	ng/uL	98
45) 1,4-Dinitrobenzene	4.651	168	80992	36.20	ng/uL	93
46) Dimethylphthalate	4.675	163	595739	32.06	ng/uL	88
47) 1,3-Dinitrobenzene	4.710	168	92824	32.43	ng/uL	98
48) 2,6-Dinitrotoluene	4.728	165	141136	33.34	ng/uL	97
49) 1,2-Dinitrobenzene	4.781	168	62031	31.56	ng/uL	97
50) Acenaphthylene	4.816	152	810394	29.26	ng/uL	100
51) 3-Nitroaniline	4.869	92	143191	22.24	ng/uL	97
52) 2,4-Dinitrophenol	4.940	184	34444	32.49	ng/uL	97
53) Acenaphthene	4.945	153	531450	29.65	ng/uL	100
54) 4-Nitrophenol	4.987	65	148401	35.88	ng/uL	97
55) 2,4-Dinitrotoluene	5.034	165	171225	33.12	ng/uL	97
56) Dibenzofuran	5.069	168	710376	30.13	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.128	232	105654	28.42	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.163	232	115525	28.00	ng/uL	100
59) Diethylphthalate	5.198	149	615886	32.57	ng/uL	97
60) 4-Chlorophenyl phenyl ...	5.310	204	249065	29.11	ng/uL	95
61) 4-Nitroaniline	5.340	138	119990	23.80	ng/uL	93
62) Fluorene	5.334	166	585155	30.82	ng/uL	98
63) 4,6-Dinitro-2-methylph...	5.357	198	59403	34.43	ng/uL	89
64) n-Nitrosodiphenylamine	5.404	169	503295	31.62	ng/uL	98
65) Azobenzene	5.440	77	799306	32.23	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.710	248	144743	29.79	ng/uL	95
69) Hexachlorobenzene	5.798	284	157942	29.24	ng/uL	99
70) Pentachlorophenol	5.951	266	72018	26.16	ng/uL	99
71) Phenanthrene	6.128	178	847746	32.26	ng/uL	100
72) Anthracene	6.175	178	842500	32.06	ng/uL	100
73) Carbazole	6.298	167	778351	32.26	ng/uL	100
74) Di-n-butylphthalate	6.563	149	1043041	35.60	ng/uL	100
75) Fluoranthene	7.169	202	845759	32.06	ng/uL	100
78) Pyrene	7.381	202	853201	32.11	ng/uL	100
79) Butylbenzylphthalate	7.992	149	445499	37.67	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.063	129	422233	40.36	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.704	149	642163	37.77	ng/uL	99
83) Benzo[a]anthracene	8.728	228	752756	29.10	ng/uL	100
84) Chrysene	8.781	228	708564	29.87	ng/uL	100
86) Di-n-octylphthalate	9.710	149	1058706	44.47	ng/uL	99
88) Benzo[b]fluoranthene	10.469	252	677533	27.44	ng/uL	99
89) Benzo[k]fluoranthene	10.522	252	691697	28.16	ng/uL	100
90) Benzo[a]pyrene	11.116	252	573762	27.26	ng/uL	99
91) Dibenzo[a,h]anthracene	13.768	278	646803	29.63	ng/uL	93
92) Indeno(1,2,3-cd)pyrene	13.710	276	527120	26.42	ng/uL#	95
93) Benzo[g,h,i]perylene	14.304	276	540683	24.39	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2816.D
Acq On : 7 Mar 2022 11:01 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Miscellaneous

SEMIVOLATILES EXTRACTION WORKSHEET

497564

WO #s 2202436 Matrix Soil Batch ID EX220302-1 Sur Code ST220209-2 MSpike Code ST220131-5 Balance ID 3 Extr SOP/Rev ~~617.5~~ 6210

EXTRACTION METHOD	Steam Bath: 70 °C Proper N-Evap Station flow settings used? (Y)		TEST METHOD - 8720	
(3520C) CLE (3510)SEP (3540)SOX (3580A) Waste Dilution (3546) Microwave extraction (form 609r17.doc)	Extraction Start: Date/Time: 03/02/22 1300 Extraction Stop: Date/Time: 03/02/22 1400 Initials JE	LOTS: $MeCl_2$ EC480 H_2SO_4 NA NaOH NA Acetone: NA Na_2SO_4 288713 Florisil NA Silica Gel NA	SIMPAH PAH (Full) 1,4-D 625.1	Reviewed By CC Date: 3/3/22 Each page is copied as completed and included with the work order/run documentation; reviewed subsequently

Sample No. JE 03/22	Amount (g/mL)	Initial pH	pH (≤2)	pH (11-13)	Surrogate (mL)	Matrix Spike (mL)	Sur / Matrix Spike Witnessed	Date KD (Initial)	Final Volume (mL)	Date Vialed	Comments
WSMB	15.00	NA			1.0	NA	CC	03/2/22	1.0	03/2/22	
2202436-1	15.21							JE 03/22	1.0		
-2	15.02								5.0		
-3	15.17								5.0		
-4	15.36								5.0		
~~-5~~	~~15.07~~										Reprep sample
~~-6~~	~~15.19~~										↓
-7	15.42								5.0		
-8	15.51								5.0		
-9	15.70								1.0		
-11	15.12								1.0		
-12	15.24								5.0		
13	15.29								1.0		
-14	15.16								1.0		
-15	15.54								5.0		
-16	15.51								5.0		
-1MS	15.12					1.0			1.0		
-1MSD	15.40								1.0		
SLCS	15.00								1.0		

SEMIVOLATILES EXTRACTION WORKSHEET

497566

WO #s 2202436 Matrix Se Batch ID EX220303-2 Sur Code ST220209-2 MSpike Code ST220303-1 Balance ID 3 Extr SOP/Rev S20/0

EXTRACTION METHOD
(3520C) CLE (3510)SEP
(3540)SOX
(3580A) Waste Dilution
(3546) Microwave extraction
(form 609r17.doc)

Steam Bath: 70 °C Proper N-Evap Station flow settings used? (Y)

Extraction Start: Date/Time: 03/03/22 ~~1720~~ 1520
Extraction Stop: Date/Time: 03/03/22 1620
Initials

LOTS:
$MeCl_2$ EC480 H_2SO_4 NA
NaOH NA Acetone: NA
Na_2SO_4 288713 Florisil NA
Silica Gel NA

TEST METHOD - 8720
SIMPAH
PAH
(Full)
1,4-D
625.1

Reviewed By CC
Date: 3/4/22
Each page is copied as completed and included with the work order/run documentation; reviewed subsequently

Sample No.	Amount (g/mL)	Initial pH	pH (≤2)	pH (11-13)	Surrogate (mL)	Matrix Spike (mL)	Sur / Matrix Spike Witnessed	Date KD (Initial)	Final Volume (mL)	Date Vialed	Comments
SMB	15.00				1.0	NA	CC / ~~JE~~	03/4/22	1.0	03/4/22	
2202436-5	5.50								5.0		Issues filtering samples
-6	5.35								↓		for KD ↓
-10	5.29					↓			1.0		
-10MS	5.54					1.0					
-10MSD	5.76					↓					
-17	5.49					NA					
-18	5.07										
-19	5.41										
-20	5.09										
-21	5.64										
-22	5.23										
-23	5.26										
-24	5.54										
-25	5.56										
-26	5.71										
-27	5.28										
-28	5.67										
-29	5.13										
-30	5.34										
-31	5.36								↓		
-32	5.26								5.0		
-33	5.14					↓			1.0		
SLCS	15.00				↓	1.0	↓	↓	↓	↓	
N/A										→	

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Date Extracted: 03/03/2022
Date Analyzed: 03/07/2022
Analyst: Kaylee R. Luck

Balance ID: 50
Oven ID: 17
In Oven: 3/3/2022 16:00
Out of Oven: 3/7/2022 9:00

Validated By: jpe
Validation Date: 03/07/2022
Validation Time: 10:16:39 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220303-10A	EX220303-10	EX220303-10-1	2202436-1	DUP	1.2381	10.253	9.697	8.46	17.5	82.5	4
EX220303-10A	EX220303-10	EX220303-10-1	2202436-1	SMP	1.2508	10.253	9.784	8.53	16.8	83.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-2	SMP	1.2358	10.787	9.933	8.70	19.4	80.6	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-3	SMP	1.2466	10.219	9.242	8.00	21.8	78.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-4	SMP	1.2344	10.536	9.553	8.32	21.0	79.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-5	SMP	1.236	10.025	10.38	9.14	8.8	91.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-6	SMP	1.237	10.496	10.1	8.86	15.6	84.4	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-7	SMP	1.234	10.458	9.782	8.55	18.3	81.7	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-8	SMP	1.2349	10.318	9.926	8.69	15.8	84.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-9	SMP	1.2321	10.839	10.56	9.32	14.0	86.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-10	DUP	1.2345	10.156	9.483	8.25	18.8	81.2	0
EX220303-10A	EX220303-10	EX220303-10-1	EX220303-10	MB	1.2385	1.2385	1.239	0.00	100.0	0.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-10	SMP	1.2393	10.175	9.5	8.26	18.8	81.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-11	SMP	1.2361	10.313	9.955	8.72	15.5	84.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-12	SMP	1.2405	10.653	10.86	9.62	9.7	90.3	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-13	SMP	1.2467	10.388	9.869	8.62	17.0	83.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-14	SMP	1.238	10.384	10.46	9.22	11.2	88.8	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-15	SMP	1.247	10.805	10.05	8.80	18.5	81.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-16	SMP	1.2368	10.442	9.904	8.67	17.0	83.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-17	SMP	1.2418	10.072	9.452	8.21	18.5	81.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-18	SMP	1.2439	10.398	10.55	9.31	10.5	89.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-19	SMP	1.2448	10.11	8.573	7.33	27.5	72.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-20	SMP	1.2458	10.207	10.08	8.84	13.4	86.6	
ex220303-11a	EX220303-11	EX220303-11-1	EX220303-11	MB	1.242	1.242	1.242	0.00	100.0	0.0	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-21	SMP	1.233	10.548	9.224	7.99	24.2	75.8	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-22	SMP	1.241	10.206	8.573	7.33	28.2	71.8	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-23	DUP	1.241	10.125	9.05	7.81	22.9	77.1	7
ex220303-11a	EX220303-11	EX220303-11-1	2202436-23	SMP	1.24	10.142	8.883	7.64	24.6	75.4	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-24	SMP	1.246	10.103	7.403	6.16	39.1	60.9	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-25	SMP	1.247	10.33	7.273	6.03	41.7	58.3	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-26	SMP	1.251	10.455	6.109	4.86	53.5	46.5	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-27	SMP	1.243	10.421	7.223	5.98	42.6	57.4	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-28	SMP	1.233	10.002	7.489	6.26	37.5	62.5	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-29	SMP	1.228	10.235	9.836	8.61	15.9	84.1	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-30	DUP	1.241	10.812	9.578	8.34	22.9	77.1	4

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Date Extracted: 03/03/2022
Date Analyzed: 03/07/2022
Analyst: Kaylee R. Luck

Balance ID: 50
Oven ID: 17
In Oven: 3/3/2022 16:00
Out of Oven: 3/7/2022 9:00

Validated By: jpe
Validation Date: 03/07/2022
Validation Time: 10:26:56 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
ex220303-11a	EX220303-11	EX220303-11-1	2202436-30	SMP	1.24	10.841	9.69	8.45	22.1	77.9	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-31	SMP	1.245	10.113	8.458	7.21	28.7	71.3	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-32	SMP	1.241	10.166	10.61	9.37	7.8	92.2	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-33	SMP	1.247	10.579	10.12	8.87	16.2	83.8	

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification
LOQV	Limit of Quantitation Verification	MB	Method Blank
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate
REP	Sample replicate	RVS	Reporting Level Verification Standar
SMP	Field Sample	SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate
Wet Wt = Sample Wet Wt - Dish Wt
Dry Wt = Sample Dry Wt + Dish Wt
Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt
All weight values shown above are expressed in grams.

$$RPD = \frac{|\text{Sample Value - Duplicate Value}|}{(\text{Sample Value + Duplicate Value})/2} \times 100$$

$$\%\ \text{Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\%\ \text{Moisture} = \frac{(\text{Wet Weight - Dry Weight})}{\text{Wet Weight}} \times 100$$

TETRA TECH

April 22, 2022

Mr. Ryan Dunham
Site Assessment Manager
U.S. Environmental Protection Agency, Region
8 Superfund and Emergency Management
Division 1595 Wynkoop Street
Denver, CO 80202

Subject: **Data Validation Report**
Bauer Tailings Site Reassessment
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 2083-2112-03
Document Tracking No. 0600e

Dear Mr. Dunham:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 33 soil samples (including three field duplicate samples) collected for the Bauer Tailings Site Reassessment project. The samples were collected on February 22, 2022 and were analyzed for semi-volatile organic compounds (SVOCs) by ALS-Fort Collins. The final laboratory data package was received on March 15, 2022.

Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders* and the EPA *NFG for Organic Superfund Methods Data Review* (November 2020).

No rejection of results was required for this data package. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please call me at (609)-827-7168

Sincerely,

Maura McAleese

Environmental Chemist

Enclosure
cc: Didi Fung, Tetra Tech Program Manager
Kathleen Knox, Tetra Tech Project Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

Tetra Tech, Inc.
1560 Broadway, Suite 1400, Denver, CO 80202
Tel 303.312.8800
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ATTACHMENT

DATA VALIDATION REPORT
ALS LABORATORIES REPORT NO. 2202436

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT

Site Name	Bauer Tailings Site Reassessment	**TO/TD No.**	2083-2112-03
Document Tracking No.	0600e		
Data Reviewer (signature and date)	4/20/2022	**Technical Reviewer (signature and date)**	04/20/2022
Laboratory Report No.	2202436	**Laboratory**	ALS - Fort Collins, CO
Analyses	SVOCs by SW-846 8270E		
Samples and Matrix	33 soil samples, including three field duplicates		
Collection Date(s)	February 22, 2022		
Field Duplicate Pairs	BT-P2-AOI-04-01 and BT-P2-AOI-04-01-DUP BT-P2-AOI-03-04 and BT-P2-AOI-03-04-DUP BT-P2-AOI-09-06 and BT-P2-AOI-09-06-DUP		
Field QC Blanks	None		

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders, Superfund Technical Assessment and Response Team (START V), EPA Region 8, Revision 4* (May 2021), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

Method blanks:

Within Criteria	Exceedance/Notes
N	Ex220302-1MB: The blank result of 230 ug/Kg for bis(2-ethylhexyl)phthalate was above the method detection limit (MDL) but below the reporting limit (RL). The results for bis(2-ethylhexyl)phthalate) in samples BT-P2-AOI-02-01, BT-P2-AOI-09-01, BT-P2-AOI-09-08, BT-P2-AOI-09-09 and BT-PS-AOI-09-10 are between the MDL and the RL; therefore, the results were raised to the RL and qualified as non-detect (flagged U). Ex220303-1MB: The blank result of 200 ug/Kg for bis(2-ethylhexyl)phthalate was above the method detection limit (MDL) but below the reporting limit (RL). The result for bis(2-ethylhexyl)phthalate in sample BT-P2-AOI-09-07 was between the MDL and RL; therefore, the result was raised to the RL and qualified as non-detect (flagged U).

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
N	BT-P2-AOI-02-01, BT-P2-AOI-03-06, and BT-P2-AOI-03-07: The surrogate recoveries for 2,4,6-tribromophenol, 2-fluorobiphenyl, 2-fluorophenol and terphenyl-d14 were below the lower control limits. The results for all analytes were qualified as estimated (flagged UJ). BT-P2-AOI-03-03: The surrogate recoveries for phenol-d5, 2-fluorophenol and terphenyl-d14 were below lower acceptance limits. The results for all analytes were qualified as estimated (flagged UJ).

	BT-P2-AOI-09-09: The surrogate recoveries for 2-fluorophenol, 2-fluorobiphenyl and terphenyl-d14 were below lower acceptance limits. The results for all analytes were qualified as estimated (flagged J-/UJ).

MS/MSDs:

Within Criteria	Exceedance/Notes
N	BT-P2-AOI-02-01: • The matrix spike and matrix spike duplicate (MS/MSD) recoveries are below the lower acceptance limits for all compounds except for pyridine, phenol, 2-chlorophenol, n-nitroso-di-n-propylamine, benzoic acid, 4-chloro-3-methylphenol, acenaphthene, 2,4-dinitrophenol, 4-nitrophenol, pentachlorophenol and pyrene. All other results are non-detect in the parent sample for these analytes and have been qualified as estimated (flagged UJ). • The MS/MSD also had RPD exceedances for hexachlorocyclopentadiene, pentachlorophenol and 3,3'-dichlorobenzidine. No qualifications were applied for the RPD exceedances because the parent sample results are non-detect. BT-P2-AOI-09-07: • The matrix spike and matrix spike duplicate (MS/MSD) recoveries are below the lower acceptance limits for 1,3-dichlorobenzene, 1,4-dichlorobenzene, 3,3'-dichlorobenzidine, 3-nitroaniline, 4-chloroaniline, 4-nitroaniline, aniline, and hexachlorobutadiene. The associated results are non-detect in the parent sample and have been qualified as estimated (flagged UJ). • The MSD also had low recoveries for 1,2-dichlorobenzene and 1,2,4-trichlorobenzene, and the average recovery between the MS/MSD is within acceptance limit; therefore, no qualifications were applied to these results. • The MS/MSD had an RPD exceedance for pyridine. No qualifications were applied to pyridine because the parent sample result is non-detect.

Laboratory duplicates:

Within Criteria	
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	BT-P2-AOI-09-06 DUP and BT-P2-AOI-09-06 were not prepared and analyzed at the same dilution factor, causing differences in the reporting limits for field duplicate results for these samples. The RPDs for analytes that were detected in both the sample and field duplicate were within QC limits. There were several analytes that were detected at concentrations less than the RL in the field duplicate that were not detected in the sample. 2-Methylnaphthalene was detected at a concentration greater than the RL in the field duplicate and was not detected in the sample; however, the difference between the RL for the sample and the detected result in the field duplicate was less than the RL for the field duplicate, so no qualifications were applied. All other duplicate pairs were within acceptance criteria.

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	Ex220302-1LCS: The following analytes recovered below the lower control limits for the LCS: 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1-methylnaphthalene, 2,4,6-trichlorophenol, 2,4-dinitrophenol, 2,6-dinitrotoluene, 2-chloronaphthalene, 2-methylnaphthalene, 3,3'-dichlorobenzidine, 4,6-dinitro-2-methylphenol, 4-chloroaniline, 4-chlorophenyl phenyl ether, acenaphthylene, benzo(a)anthracene, chrysene, dibenzofuran, diethyl phthalate, dimethyl phthalate, fluorene, hexachlorobutadiene, naphthalene, and n-nitrosodiphenylamine,. All recoveries are within 10-20% of the lower control limits; therefore, the results for samples BT-P2-AOI-02-01, BT-P2-AOI-03-01, BT-P2-AOI-03-02, BT-P2-AOI-03-03, BT-P2-AOI-03-06, BT-P2-AOI-03-07, BT-P2-AOI-09-01, BT-P2-AOI-09-02, BT-P2-AOI-09-03, BT-P2-AOI-09-04, BT-P2-AOI-09-08, BT-P2-AOI-09-09, and BT-PS-AOI-09-10 have been qualified as estimated (flagged UJ/J-). . Ex220303-2LCS: The di-n-octyl phthalate recovery was above upper control limits for the LCS. The associated sample results are non-detect; therefore, no qualifications were applied for this. The following analytes recovered below the lower control limits for the LCS: 3,3'-dichlorobenzidine and 4-chloroaniline. All recoveries are within 10-20% of the lower control limits and sample results are non-detect; therefore, the results for samples BT-P2-AOI-03-04, BT-P2-AOI-03-04-DUP, BT-P2-AOI-03-05, BT-P2-AOI-04-01, BT-P2-AOI-04-01-DUP, BT-P2-AOI-05-01, BT-P2-AOI-06-01, BT-P2-AOI-06-02, BT-P2-AOI-06-03, BT-P2-AOI-06-04, BT-P2-AOI-06-05, BT-P2-AOI-06-06, BT-P2-AOI-07-01, BT-P2-AOI-07-02, BT-P2-AOI-08-01, BT-P2-AOI-08-02, BT-P2-AOI-09-05, BT-P2-AOI-09-06, BT-P2-AOI-09-06-DUP, and BT-P2-AOI-09-07 have been qualified as estimated (flagged UJ).

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	The following preparation and analytical dilutions were performed. BT-P2-AOI-03-01, BT-P2-AOI-03-02, BT-P2-AOI-03-03, BT-P2-AOI-03-06, BT-P2-AOI-03-07, BT-P2-AOI-09-02, BT-P2-AOI-09-04, and BT-P2-AOI-09-03 were prepared at a 5-fold dilution for all target compounds. BT-P2-AOI-03-04, BT-P2-AOI-03-04 DUP and BT-P2-AOI-03-05 were prepared at a 15-fold dilution and analyzed at a 2-fold dilution for all target compounds. BT-P2-AOI-09-07, BT-P2-AOI-09-07, BT-P2-AOI-09-06, BT-P2-AOI-09-05, BT-P2-AOI-08-02, BT-P2-AOI-08-01, BT-P2-AOI-07-02, BT-P2-AOI-05-01, BT-P2-AOI-04-01, BT-P2-AOI-06-01, BT-P2-AOI-06-03, BT-P2-AOI-06-04, BT-P2-AOI-06-05, BT-P2-AOI-06-06, BT-P2-AOI-07-01, BT-P2-AOI-06-02, and BT-P2-AOI-04-01 DUP were prepared at a 3-fold dilution factor for all target compounds. BT-P2-AOI-09-06 DUP was prepared at a 3-fold dilution and analyzed at a 2-fold dilution for all target compounds.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Elevated RLs were reported due to sample dilutions for physical matrix interferences during both sample preparation and sample analysis. Non-detected results were flagged “U” at the RL by the laboratory. Results between the MDL and RL were reported as estimated and flagged “J” by laboratory. MDLs and RL can be found in the attached data table and EDD.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [none]:

Within Criteria	
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2202436

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-02-01	SW8270	1,2,4-TRICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1,2-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1,3-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1,4-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	190	U	190	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4,5-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4,6-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4-DICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4-DIMETHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4-DINITROPHENOL	470	U	470	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	2,4-DINITROTOLUENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,6-DINITROTOLUENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-CHLORONAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-CHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-METHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	2-NITROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	3,3'-DICHLOROBENZIDINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	3+4-METHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	3-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	710	U	710	3200	UG/KG	3200	UJ
BT-P2-AOI-02-01	SW8270	4-BROMOPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-CHLORO-3-METHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-CHLOROANILINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	4-NITROPHENOL	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	ACENAPHTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ACENAPHTHYLENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ANILINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ANTHRACENE	120	U	120	790	UG/KG	790	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-02-01	SW8270	AZOBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(A)ANTHRACENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(A)PYRENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(B)FLUORANTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(G,H,I)PERYLENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(K)FLUORANTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZOIC ACID	830	U	830	3900	UG/KG	3900	UJ
BT-P2-AOI-02-01	SW8270	BENZYL ALCOHOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-CHLOROETHYL)ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	140	U	140	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	250	JB	120	1200	UG/KG	1200	UJ
BT-P2-AOI-02-01	SW8270	BUTYL BENZYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	CARBAZOLE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	CHRYSENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIBENZO(A,H)ANTHRACENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIBENZOFURAN	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIMETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DI-N-BUTYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DI-N-OCTYL PHTHALATE	120	U	120	1200	UG/KG	1200	UJ
BT-P2-AOI-02-01	SW8270	FLUORANTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	FLUORENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROBENZENE	170	U	170	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROBUTADIENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROCYCLOPENTADIENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROETHANE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	INDENO(1,2,3-CD)PYRENE	170	U	170	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ISOPHORONE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	NAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	NITROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	N-NITROSODIMETHYLAMINE	170	U	170	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	120	U	120	790	UG/KG	790	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-02-01	SW8270	N-NITROSODIPHENYLAMINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PENTACHLOROPHENOL	120	U	120	3200	UG/KG	3200	UJ
BT-P2-AOI-02-01	SW8270	PHENANTHRENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PYRENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PYRIDINE	470	U	470	2400	UG/KG	2400	UJ
BT-P2-AOI-03-01	SW8270	1,2,4-TRICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1,2-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1,3-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1,4-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	990	U	990	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4,5-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4,6-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2,4-DICHLOROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4-DIMETHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4-DINITROPHENOL	2500	U	2500	8300	UG/KG	8300	UJ
BT-P2-AOI-03-01	SW8270	2,4-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,6-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2-CHLORONAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2-CHLOROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2-METHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2-NITROANILINE	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	2-NITROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	3,3'-DICHLOROBENZIDINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	3+4-METHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	3-NITROANILINE	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	3700	U	3700	17000	UG/KG	17000	UJ
BT-P2-AOI-03-01	SW8270	4-BROMOPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	4-CHLORO-3-METHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	4-CHLOROANILINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-01	SW8270	4-NITROANILINE	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	4-NITROPHENOL	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	ACENAPHTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	ACENAPHTHYLENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	ANILINE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	ANTHRACENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	AZOBENZENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(A)ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	BENZO(A)PYRENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(B)FLUORANTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(G,H,I)PERYLENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(K)FLUORANTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZOIC ACID	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-01	SW8270	BENZYL ALCOHOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-CHLOROETHYL)ETHER	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	740	U	740	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	620	U	620	6200	UG/KG	6200	U
BT-P2-AOI-03-01	SW8270	BUTYL BENZYL PHTHALATE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	CARBAZOLE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	CHRYSENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DIBENZO(A,H)ANTHRACENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	DIBENZOFURAN	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DIETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DIMETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DI-N-BUTYL PHTHALATE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	DI-N-OCTYL PHTHALATE	620	U	620	6200	UG/KG	6200	U
BT-P2-AOI-03-01	SW8270	FLUORANTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	FLUORENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	HEXACHLOROBENZENE	870	U	870	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	HEXACHLOROBUTADIENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	HEXACHLOROCYCLOPENTADIENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	HEXACHLOROETHANE	620	U	620	4100	UG/KG	4100	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-01	SW8270	INDENO(1,2,3-CD)PYRENE	870	U	870	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	ISOPHORONE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	NAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	NITROBENZENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	N-NITROSODIMETHYLAMINE	870	U	870	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	N-NITROSODIPHENYLAMINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	PENTACHLOROPHENOL	620	U	620	17000	UG/KG	17000	U
BT-P2-AOI-03-01	SW8270	PHENANTHRENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	PHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	PYRENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	PYRIDINE	2500	U	2500	12000	UG/KG	12000	U
BT-P2-AOI-03-02	SW8270	1,2,4-TRICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1,2-DICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1,3-DICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1,4-DICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1-METHYLNAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	1000	U	1000	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4,5-TRICHLOROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4,6-TRICHLOROPHENOL	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2,4-DICHLOROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4-DIMETHYLPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4-DINITROPHENOL	2500	U	2500	8400	UG/KG	8400	UJ
BT-P2-AOI-03-02	SW8270	2,4-DINITROTOLUENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,6-DINITROTOLUENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2-CHLORONAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2-CHLOROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2-METHYLNAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2-METHYLPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2-NITROANILINE	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	2-NITROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	3,3'-DICHLOROBENZIDINE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	3+4-METHYLPHENOL	630	U	630	4200	UG/KG	4200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-02	SW8270	3-NITROANILINE	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	3800	U	3800	17000	UG/KG	17000	UJ
BT-P2-AOI-03-02	SW8270	4-BROMOPHENYL PHENYL ETHER	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	4-CHLORO-3-METHYLPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	4-CHLOROANILINE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	4-NITROANILINE	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	4-NITROPHENOL	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	ACENAPHTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	ACENAPHTHYLENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	ANILINE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	ANTHRACENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	AZOBENZENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(A)ANTHRACENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	BENZO(A)PYRENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(B)FLUORANTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(G,H,I)PERYLENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(K)FLUORANTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZOIC ACID	4400	U	4400	21000	UG/KG	21000	U
BT-P2-AOI-03-02	SW8270	BENZYL ALCOHOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-CHLOROETHYL)ETHER	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	760	U	760	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	630	U	630	6300	UG/KG	6300	U
BT-P2-AOI-03-02	SW8270	BUTYL BENZYL PHTHALATE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	CARBAZOLE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	CHRYSENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DIBENZO(A,H)ANTHRACENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	DIBENZOFURAN	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DIETHYL PHTHALATE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DIMETHYL PHTHALATE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DI-N-BUTYL PHTHALATE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	DI-N-OCTYL PHTHALATE	630	U	630	6300	UG/KG	6300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-02	SW8270	FLUORANTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	FLUORENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	HEXACHLOROBENZENE	880	U	880	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	HEXACHLOROBUTADIENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	HEXACHLOROCYCLOPENTADIENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	HEXACHLOROETHANE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	INDENO(1,2,3-CD)PYRENE	880	U	880	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	ISOPHORONE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	NAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	NITROBENZENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	N-NITROSODIMETHYLAMINE	880	U	880	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	N-NITROSODIPHENYLAMINE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	PENTACHLOROPHENOL	630	U	630	17000	UG/KG	17000	U
BT-P2-AOI-03-02	SW8270	PHENANTHRENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	PHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	PYRENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	PYRIDINE	2500	U	2500	13000	UG/KG	13000	U
BT-P2-AOI-03-03	SW8270	1,2,4-TRICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1,2-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1,3-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1,4-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,3,4,6-TETRACHLOROPHENOL	990	U	990	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4,5-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4,6-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4-DICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4-DIMETHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4-DINITROPHENOL	2500	U	2500	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	2,4-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,6-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-CHLORONAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-CHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-03	SW8270	2-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-METHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-NITROANILINE	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	2-NITROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	3,3'-DICHLOROBENZIDINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	3+4-METHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	3-NITROANILINE	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	4,6-DINITRO-2-METHYLPHENOL	3700	U	3700	16000	UG/KG	16000	UJ
BT-P2-AOI-03-03	SW8270	4-BROMOPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-CHLORO-3-METHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-CHLOROANILINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-CHLOROPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-NITROANILINE	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	4-NITROPHENOL	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	ACENAPHTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ACENAPHTHYLENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ANILINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	AZOBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(A)ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(A)PYRENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(B)FLUORANTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(G,H,I)PERYLENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(K)FLUORANTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZOIC ACID	4300	U	4300	21000	UG/KG	21000	UJ
BT-P2-AOI-03-03	SW8270	BENZYL ALCOHOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-CHLOROETHOXY)METHANE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-CHLOROETHYL)ETHER	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	740	U	740	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	620	U	620	6200	UG/KG	6200	UJ
BT-P2-AOI-03-03	SW8270	BUTYL BENZYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	CARBAZOLE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	CHRYSENE	620	U	620	4100	UG/KG	4100	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-03	SW8270	DIBENZO(A,H)ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DIBENZOFURAN	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DIETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DIMETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DI-N-BUTYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DI-N-OCTYL PHTHALATE	620	U	620	6200	UG/KG	6200	UJ
BT-P2-AOI-03-03	SW8270	FLUORANTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	FLUORENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROBENZENE	870	U	870	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROBUTADIENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROCYCLOPENTADIENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROETHANE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	INDENO(1,2,3-CD)PYRENE	870	U	870	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ISOPHORONE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	NAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	NITROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	N-NITROSODIMETHYLAMINE	870	U	870	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	N-NITROSO-DI-N-PROPYLAMINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	N-NITROSODIPHENYLAMINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PENTACHLOROPHENOL	620	U	620	16000	UG/KG	16000	UJ
BT-P2-AOI-03-03	SW8270	PHENANTHRENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PYRENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PYRIDINE	2500	U	2500	12000	UG/KG	12000	UJ
BT-P2-AOI-03-04	SW8270	1,2,4-TRICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1,2-DICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1,3-DICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1,4-DICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1-METHYLNAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,3,4,6-TETRACHLOROPHENOL	4800	U	4800	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4,5-TRICHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4,6-TRICHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4-DICHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04	SW8270	2,4-DIMETHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4-DINITROPHENOL	12000	U	12000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	2,4-DINITROTOLUENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,6-DINITROTOLUENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-CHLORONAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-CHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-METHYLNAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-METHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-NITROANILINE	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	2-NITROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	3,3'-DICHLOROBENZIDINE	3000	U	3000	20000	UG/KG	20000	UJ
BT-P2-AOI-03-04	SW8270	3+4-METHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	3-NITROANILINE	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	4,6-DINITRO-2-METHYLPHENOL	18000	U	18000	80000	UG/KG	80000	U
BT-P2-AOI-03-04	SW8270	4-BROMOPHENYL PHENYL ETHER	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	4-CHLORO-3-METHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	4-CHLOROANILINE	3000	U	3000	20000	UG/KG	20000	UJ
BT-P2-AOI-03-04	SW8270	4-CHLOROPHENYL PHENYL ETHER	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	4-NITROANILINE	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	4-NITROPHENOL	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	ACENAPHTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ACENAPHTHYLENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ANILINE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ANTHRACENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	AZOBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(A)ANTHRACENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(A)PYRENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(B)FLUORANTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(G,H,I)PERYLENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(K)FLUORANTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZOIC ACID	21000	U	21000	100000	UG/KG	100000	U
BT-P2-AOI-03-04	SW8270	BENZYL ALCOHOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BIS(2-CHLOROETHOXY)METHANE	3000	U	3000	20000	UG/KG	20000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04	SW8270	BIS(2-CHLOROETHYL)ETHER	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	3600	U	3600	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	3000	U	3000	30000	UG/KG	30000	U
BT-P2-AOI-03-04	SW8270	BUTYL BENZYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	CARBAZOLE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	CHRYSENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIBENZO(A,H)ANTHRACENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIBENZOFURAN	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIETHYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIMETHYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DI-N-BUTYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DI-N-OCTYL PHTHALATE	3000	U	3000	30000	UG/KG	30000	U
BT-P2-AOI-03-04	SW8270	FLUORANTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	FLUORENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROBENZENE	4200	U	4200	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROBUTADIENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROCYCLOPENTADIENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROETHANE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	INDENO(1,2,3-CD)PYRENE	4200	U	4200	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ISOPHORONE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	NAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	NITROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	N-NITROSODIMETHYLAMINE	4200	U	4200	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	N-NITROSO-DI-N-PROPYLAMINE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	N-NITROSODIPHENYLAMINE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PENTACHLOROPHENOL	3000	U	3000	80000	UG/KG	80000	U
BT-P2-AOI-03-04	SW8270	PHENANTHRENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PYRENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PYRIDINE	12000	U	12000	60000	UG/KG	60000	U
BT-P2-AOI-03-04-DUP	SW8270	1,2,4-TRICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	1,2-DICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	1,3-DICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04-DUP	SW8270	1,4-DICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	1-METHYLNAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,3,4,6-TETRACHLOROPHENOL	4900	U	4900	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4,5-TRICHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4,6-TRICHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DICHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DIMETHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DINITROPHENOL	12000	U	12000	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DINITROTOLUENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,6-DINITROTOLUENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-CHLORONAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-CHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-METHYLNAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-METHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-NITROANILINE	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	2-NITROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	3,3'-DICHLOROBENZIDINE	3100	U	3100	21000	UG/KG	21000	UJ
BT-P2-AOI-03-04-DUP	SW8270	3+4-METHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	3-NITROANILINE	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	4,6-DINITRO-2-METHYLPHENOL	19000	U	19000	82000	UG/KG	82000	U
BT-P2-AOI-03-04-DUP	SW8270	4-BROMOPHENYL PHENYL ETHER	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	4-CHLORO-3-METHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	4-CHLOROANILINE	3100	U	3100	21000	UG/KG	21000	UJ
BT-P2-AOI-03-04-DUP	SW8270	4-CHLOROPHENYL PHENYL ETHER	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	4-NITROANILINE	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	4-NITROPHENOL	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	ACENAPHTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ACENAPHTHYLENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ANILINE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ANTHRACENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	AZOBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(A)ANTHRACENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(A)PYRENE	3100	U	3100	21000	UG/KG	21000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04-DUP	SW8270	BENZO(B)FLUORANTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(G,H,I)PERYLENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(K)FLUORANTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZOIC ACID	22000	U	22000	100000	UG/KG	100000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZYL ALCOHOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-CHLOROETHOXY)METHANE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-CHLOROETHYL)ETHER	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	3700	U	3700	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	3100	U	3100	31000	UG/KG	31000	U
BT-P2-AOI-03-04-DUP	SW8270	BUTYL BENZYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	CARBAZOLE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	CHRYSENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIBENZO(A,H)ANTHRACENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIBENZOFURAN	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIETHYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIMETHYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DI-N-BUTYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DI-N-OCTYL PHTHALATE	3100	U	3100	31000	UG/KG	31000	U
BT-P2-AOI-03-04-DUP	SW8270	FLUORANTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	FLUORENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROBENZENE	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROBUTADIENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROCYCLOPENTADIENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROETHANE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	INDENO(1,2,3-CD)PYRENE	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ISOPHORONE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	NAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	NITROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	N-NITROSODIMETHYLAMINE	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	N-NITROSO-DI-N-PROPYLAMINE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	N-NITROSODIPHENYLAMINE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	PENTACHLOROPHENOL	3100	U	3100	82000	UG/KG	82000	U
BT-P2-AOI-03-04-DUP	SW8270	PHENANTHRENE	3100	U	3100	21000	UG/KG	21000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04-DUP	SW8270	PHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	PYRENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	PYRIDINE	12000	U	12000	62000	UG/KG	62000	U
BT-P2-AOI-03-05	SW8270	1,2,4-TRICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1,2-DICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1,3-DICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1,4-DICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1-METHYLNAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,3,4,6-TETRACHLOROPHENOL	5300	U	5300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4,5-TRICHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4,6-TRICHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4-DICHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4-DIMETHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4-DINITROPHENOL	13000	U	13000	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	2,4-DINITROTOLUENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,6-DINITROTOLUENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-CHLORONAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-CHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-METHYLNAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-METHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-NITROANILINE	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	2-NITROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	3,3'-DICHLOROBENZIDINE	3300	U	3300	22000	UG/KG	22000	UJ
BT-P2-AOI-03-05	SW8270	3+4-METHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	3-NITROANILINE	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	4,6-DINITRO-2-METHYLPHENOL	20000	U	20000	89000	UG/KG	89000	U
BT-P2-AOI-03-05	SW8270	4-BROMOPHENYL PHENYL ETHER	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	4-CHLORO-3-METHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	4-CHLOROANILINE	3300	U	3300	22000	UG/KG	22000	UJ
BT-P2-AOI-03-05	SW8270	4-CHLOROPHENYL PHENYL ETHER	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	4-NITROANILINE	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	4-NITROPHENOL	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	ACENAPHTHENE	3300	U	3300	22000	UG/KG	22000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-05	SW8270	ACENAPHTHYLENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	ANILINE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	ANTHRACENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	AZOBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(A)ANTHRACENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(A)PYRENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(B)FLUORANTHENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(G,H,I)PERYLENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(K)FLUORANTHENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZOIC ACID	23000	U	23000	110000	UG/KG	110000	U
BT-P2-AOI-03-05	SW8270	BENZYL ALCOHOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-CHLOROETHOXY)METHANE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-CHLOROETHYL)ETHER	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	4000	U	4000	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	3300	U	3300	33000	UG/KG	33000	U
BT-P2-AOI-03-05	SW8270	BUTYL BENZYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	CARBAZOLE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	CHRYSENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIBENZO(A,H)ANTHRACENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIBENZOFURAN	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIETHYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIMETHYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DI-N-BUTYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DI-N-OCTYL PHTHALATE	3300	U	3300	33000	UG/KG	33000	U
BT-P2-AOI-03-05	SW8270	FLUORANTHENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	FLUORENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROBENZENE	4600	U	4600	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROBUTADIENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROCYCLOPENTADIENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROETHANE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	INDENO(1,2,3-CD)PYRENE	4600	U	4600	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	ISOPHORONE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	NAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-05	SW8270	NITROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	N-NITROSODIMETHYLAMINE	4600	U	4600	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	N-NITROSO-DI-N-PROPYLAMINE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	N-NITROSODIPHENYLAMINE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PENTACHLOROPHENOL	3300	U	3300	89000	UG/KG	89000	U
BT-P2-AOI-03-05	SW8270	PHENANTHRENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PYRENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PYRIDINE	13000	U	13000	66000	UG/KG	66000	U
BT-P2-AOI-03-06	SW8270	1,2,4-TRICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1,2-DICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1,3-DICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1,4-DICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1-METHYLNAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,3,4,6-TETRACHLOROPHENOL	950	U	950	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4,5-TRICHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4,6-TRICHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4-DICHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4-DIMETHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4-DINITROPHENOL	2400	U	2400	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	2,4-DINITROTOLUENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,6-DINITROTOLUENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-CHLORONAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-CHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-METHYLNAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-METHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-NITROANILINE	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	2-NITROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	3,3'-DICHLOROBENZIDINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	3+4-METHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	3-NITROANILINE	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	4,6-DINITRO-2-METHYLPHENOL	3600	U	3600	16000	UG/KG	16000	UJ
BT-P2-AOI-03-06	SW8270	4-BROMOPHENYL PHENYL ETHER	600	U	600	4000	UG/KG	4000	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-06	SW8270	4-CHLORO-3-METHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	4-CHLOROANILINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	4-CHLOROPHENYL PHENYL ETHER	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	4-NITROANILINE	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	4-NITROPHENOL	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	ACENAPHTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ACENAPHTHYLENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ANILINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ANTHRACENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	AZOBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(A)ANTHRACENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(A)PYRENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(B)FLUORANTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(G,H,I)PERYLENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(K)FLUORANTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZOIC ACID	4200	U	4200	20000	UG/KG	20000	UJ
BT-P2-AOI-03-06	SW8270	BENZYL ALCOHOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-CHLOROETHOXY)METHANE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-CHLOROETHYL)ETHER	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	710	U	710	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	600	U	600	6000	UG/KG	6000	UJ
BT-P2-AOI-03-06	SW8270	BUTYL BENZYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	CARBAZOLE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	CHRYSENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIBENZO(A,H)ANTHRACENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIBENZOFURAN	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIETHYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIMETHYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DI-N-BUTYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DI-N-OCTYL PHTHALATE	600	U	600	6000	UG/KG	6000	UJ
BT-P2-AOI-03-06	SW8270	FLUORANTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	FLUORENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	HEXACHLOROBENZENE	830	U	830	4000	UG/KG	4000	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-06	SW8270	HEXACHLOROBUTADIENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	HEXACHLOROCYCLOPENTADIENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	HEXACHLOROETHANE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	INDENO(1,2,3-CD)PYRENE	830	U	830	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ISOPHORONE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	NAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	NITROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	N-NITROSODIMETHYLAMINE	830	U	830	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	N-NITROSO-DI-N-PROPYLAMINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	N-NITROSODIPHENYLAMINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PENTACHLOROPHENOL	600	U	600	16000	UG/KG	16000	UJ
BT-P2-AOI-03-06	SW8270	PHENANTHRENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PYRENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PYRIDINE	2400	U	2400	12000	UG/KG	12000	UJ
BT-P2-AOI-03-07	SW8270	1,2,4-TRICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1,2-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1,3-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1,4-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,3,4,6-TETRACHLOROPHENOL	920	U	920	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4,5-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4,6-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4-DICHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4-DIMETHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4-DINITROPHENOL	2300	U	2300	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	2,4-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,6-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-CHLORONAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-CHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-METHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-NITROANILINE	570	U	570	7700	UG/KG	7700	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-07	SW8270	2-NITROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	3,3'-DICHLOROBENZIDINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	3+4-METHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	3-NITROANILINE	570	U	570	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	4,6-DINITRO-2-METHYLPHENOL	3400	U	3400	15000	UG/KG	15000	UJ
BT-P2-AOI-03-07	SW8270	4-BROMOPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-CHLORO-3-METHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-CHLOROANILINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-CHLOROPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-NITROANILINE	570	U	570	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	4-NITROPHENOL	570	U	570	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	ACENAPHTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ACENAPHTHYLENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ANILINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ANTHRACENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	AZOBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(A)ANTHRACENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(A)PYRENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(B)FLUORANTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(G,H,I)PERYLENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(K)FLUORANTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZOIC ACID	4000	U	4000	19000	UG/KG	19000	UJ
BT-P2-AOI-03-07	SW8270	BENZYL ALCOHOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-CHLOROETHOXY)METHANE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-CHLOROETHYL)ETHER	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	690	U	690	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	570	U	570	5700	UG/KG	5700	UJ
BT-P2-AOI-03-07	SW8270	BUTYL BENZYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	CARBAZOLE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	CHRYSENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DIBENZO(A,H)ANTHRACENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DIBENZOFURAN	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DIETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-07	SW8270	DIMETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DI-N-BUTYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DI-N-OCTYL PHTHALATE	570	U	570	5700	UG/KG	5700	UJ
BT-P2-AOI-03-07	SW8270	FLUORANTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	FLUORENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROBENZENE	800	U	800	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROBUTADIENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROCYCLOPENTADIENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROETHANE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	INDENO(1,2,3-CD)PYRENE	800	U	800	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ISOPHORONE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	NAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	NITROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	N-NITROSODIMETHYLAMINE	800	U	800	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	N-NITROSO-DI-N-PROPYLAMINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	N-NITROSODIPHENYLAMINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PENTACHLOROPHENOL	570	U	570	15000	UG/KG	15000	UJ
BT-P2-AOI-03-07	SW8270	PHENANTHRENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PYRENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PYRIDINE	2300	U	2300	11000	UG/KG	11000	UJ
BT-P2-AOI-04-01	SW8270	1,2,4-TRICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1,2-DICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1,3-DICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1,4-DICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1-METHYLNAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	610	U	610	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4,5-TRICHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4,6-TRICHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4-DICHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4-DIMETHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4-DINITROPHENOL	1500	U	1500	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	2,4-DINITROTOLUENE	380	U	380	2500	UG/KG	2500	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01	SW8270	2,6-DINITROTOLUENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-CHLORONAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-CHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-METHYLNAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-METHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-NITROANILINE	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	2-NITROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	3,3'-DICHLOROBENZIDINE	380	U	380	2500	UG/KG	2500	UJ
BT-P2-AOI-04-01	SW8270	3+4-METHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	3-NITROANILINE	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2300	U	2300	10000	UG/KG	10000	U
BT-P2-AOI-04-01	SW8270	4-BROMOPHENYL PHENYL ETHER	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	4-CHLORO-3-METHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	4-CHLOROANILINE	380	U	380	2500	UG/KG	2500	UJ
BT-P2-AOI-04-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	4-NITROANILINE	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	4-NITROPHENOL	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	ACENAPHTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ACENAPHTHYLENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ANILINE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ANTHRACENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	AZOBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(A)ANTHRACENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(A)PYRENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(B)FLUORANTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(G,H,I)PERYLENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(K)FLUORANTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZOIC ACID	2600	U	2600	13000	UG/KG	13000	U
BT-P2-AOI-04-01	SW8270	BENZYL ALCOHOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-CHLOROETHYL)ETHER	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	450	U	450	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	380	U	380	3800	UG/KG	3800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01	SW8270	BUTYL BENZYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	CARBAZOLE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	CHRYSENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIBENZO(A,H)ANTHRACENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIBENZOFURAN	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIETHYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIMETHYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DI-N-BUTYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DI-N-OCTYL PHTHALATE	380	U	380	3800	UG/KG	3800	U
BT-P2-AOI-04-01	SW8270	FLUORANTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	FLUORENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROBENZENE	530	U	530	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROBUTADIENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROCYCLOPENTADIENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROETHANE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	INDENO(1,2,3-CD)PYRENE	530	U	530	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ISOPHORONE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	NAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	NITROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	N-NITROSODIMETHYLAMINE	530	U	530	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	N-NITROSODIPHENYLAMINE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PENTACHLOROPHENOL	380	U	380	10000	UG/KG	10000	U
BT-P2-AOI-04-01	SW8270	PHENANTHRENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PYRENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PYRIDINE	1500	U	1500	7600	UG/KG	7600	U
BT-P2-AOI-04-01-DUP	SW8270	1,2,4-TRICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1,2-DICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1,3-DICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1,4-DICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1-METHYLNAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,3,4,6-TETRACHLOROPHENOL	630	U	630	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01-DUP	SW8270	2,4,5-TRICHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4,6-TRICHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DICHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DIMETHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DINITROPHENOL	1600	U	1600	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DINITROTOLUENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,6-DINITROTOLUENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-CHLORONAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-CHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-METHYLNAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-METHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-NITROANILINE	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	2-NITROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	3,3'-DICHLOROBENZIDINE	390	U	390	2600	UG/KG	2600	UJ
BT-P2-AOI-04-01-DUP	SW8270	3+4-METHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	3-NITROANILINE	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	4,6-DINITRO-2-METHYLPHENOL	2400	U	2400	10000	UG/KG	10000	U
BT-P2-AOI-04-01-DUP	SW8270	4-BROMOPHENYL PHENYL ETHER	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	4-CHLORO-3-METHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	4-CHLOROANILINE	390	U	390	2600	UG/KG	2600	UJ
BT-P2-AOI-04-01-DUP	SW8270	4-CHLOROPHENYL PHENYL ETHER	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	4-NITROANILINE	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	4-NITROPHENOL	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	ACENAPHTHENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ACENAPHTHYLENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ANILINE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ANTHRACENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	AZOBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(A)ANTHRACENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(A)PYRENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(B)FLUORANTHENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(G,H,I)PERYLENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(K)FLUORANTHENE	390	U	390	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01-DUP	SW8270	BENZOIC ACID	2700	U	2700	13000	UG/KG	13000	U
BT-P2-AOI-04-01-DUP	SW8270	BENZYL ALCOHOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-CHLOROETHOXY)METHANE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-CHLOROETHYL)ETHER	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	470	U	470	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	390	U	390	3900	UG/KG	3900	U
BT-P2-AOI-04-01-DUP	SW8270	BUTYL BENZYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	CARBAZOLE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	CHRYSENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIBENZO(A,H)ANTHRACENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIBENZOFURAN	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIETHYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIMETHYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DI-N-BUTYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DI-N-OCTYL PHTHALATE	390	U	390	3900	UG/KG	3900	U
BT-P2-AOI-04-01-DUP	SW8270	FLUORANTHENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	FLUORENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROBENZENE	550	U	550	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROBUTADIENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROCYCLOPENTADIENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROETHANE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	INDENO(1,2,3-CD)PYRENE	550	U	550	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ISOPHORONE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	NAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	NITROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	N-NITROSODIMETHYLAMINE	550	U	550	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	N-NITROSO-DI-N-PROPYLAMINE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	N-NITROSODIPHENYLAMINE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PENTACHLOROPHENOL	390	U	390	10000	UG/KG	10000	U
BT-P2-AOI-04-01-DUP	SW8270	PHENANTHRENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PYRENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PYRIDINE	1600	U	1600	7800	UG/KG	7800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-05-01	SW8270	1,2,4-TRICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1,2-DICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1,3-DICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1,4-DICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1-METHYLNAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	640	U	640	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4,5-TRICHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4,6-TRICHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4-DICHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4-DIMETHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4-DINITROPHENOL	1600	U	1600	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	2,4-DINITROTOLUENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,6-DINITROTOLUENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-CHLORONAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-CHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-METHYLNAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-METHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-NITROANILINE	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	2-NITROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	3,3'-DICHLOROBENZIDINE	400	U	400	2700	UG/KG	2700	UJ
BT-P2-AOI-05-01	SW8270	3+4-METHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	3-NITROANILINE	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2400	U	2400	11000	UG/KG	11000	U
BT-P2-AOI-05-01	SW8270	4-BROMOPHENYL PHENYL ETHER	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	4-CHLORO-3-METHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	4-CHLOROANILINE	400	U	400	2700	UG/KG	2700	UJ
BT-P2-AOI-05-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	4-NITROANILINE	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	4-NITROPHENOL	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	ACENAPHTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ACENAPHTHYLENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ANILINE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ANTHRACENE	400	U	400	2700	UG/KG	2700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-05-01	SW8270	AZOBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(A)ANTHRACENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(A)PYRENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(B)FLUORANTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(G,H,I)PERYLENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(K)FLUORANTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZOIC ACID	2800	U	2800	13000	UG/KG	13000	U
BT-P2-AOI-05-01	SW8270	BENZYL ALCOHOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-CHLOROETHYL)ETHER	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	480	U	480	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	400	U	400	4000	UG/KG	4000	U
BT-P2-AOI-05-01	SW8270	BUTYL BENZYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	CARBAZOLE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	CHRYSENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIBENZO(A,H)ANTHRACENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIBENZOFURAN	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIETHYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIMETHYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DI-N-BUTYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DI-N-OCTYL PHTHALATE	400	U	400	4000	UG/KG	4000	U
BT-P2-AOI-05-01	SW8270	FLUORANTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	FLUORENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROBENZENE	560	U	560	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROBUTADIENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROCYCLOPENTADIENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROETHANE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	INDENO(1,2,3-CD)PYRENE	560	U	560	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ISOPHORONE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	NAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	NITROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	N-NITROSODIMETHYLAMINE	560	U	560	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	400	U	400	2700	UG/KG	2700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-05-01	SW8270	N-NITROSODIPHENYLAMINE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PENTACHLOROPHENOL	400	U	400	11000	UG/KG	11000	U
BT-P2-AOI-05-01	SW8270	PHENANTHRENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PYRENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PYRIDINE	1600	U	1600	8000	UG/KG	8000	U
BT-P2-AOI-06-01	SW8270	1,2,4-TRICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1,2-DICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1,3-DICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1,4-DICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1-METHYLNAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	710	U	710	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4,5-TRICHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4,6-TRICHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4-DICHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4-DIMETHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4-DINITROPHENOL	1800	U	1800	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	2,4-DINITROTOLUENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,6-DINITROTOLUENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-CHLORONAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-CHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-METHYLNAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-METHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-NITROANILINE	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	2-NITROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	3,3'-DICHLOROBENZIDINE	440	U	440	3000	UG/KG	3000	UJ
BT-P2-AOI-06-01	SW8270	3+4-METHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	3-NITROANILINE	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2700	U	2700	12000	UG/KG	12000	U
BT-P2-AOI-06-01	SW8270	4-BROMOPHENYL PHENYL ETHER	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	4-CHLORO-3-METHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	4-CHLOROANILINE	440	U	440	3000	UG/KG	3000	UJ
BT-P2-AOI-06-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	440	U	440	3000	UG/KG	3000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-01	SW8270	4-NITROANILINE	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	4-NITROPHENOL	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	ACENAPHTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ACENAPHTHYLENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ANILINE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ANTHRACENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	AZOBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(A)ANTHRACENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(A)PYRENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(B)FLUORANTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(G,H,I)PERYLENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(K)FLUORANTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZOIC ACID	3100	U	3100	15000	UG/KG	15000	U
BT-P2-AOI-06-01	SW8270	BENZYL ALCOHOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-CHLOROETHYL)ETHER	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	530	U	530	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	440	U	440	4400	UG/KG	4400	U
BT-P2-AOI-06-01	SW8270	BUTYL BENZYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	CARBAZOLE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	CHRYSENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIBENZO(A,H)ANTHRACENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIBENZOFURAN	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIETHYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIMETHYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DI-N-BUTYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DI-N-OCTYL PHTHALATE	440	U	440	4400	UG/KG	4400	U
BT-P2-AOI-06-01	SW8270	FLUORANTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	FLUORENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROBENZENE	620	U	620	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROBUTADIENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROCYCLOPENTADIENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROETHANE	440	U	440	3000	UG/KG	3000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-01	SW8270	INDENO(1,2,3-CD)PYRENE	620	U	620	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ISOPHORONE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	NAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	NITROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	N-NITROSODIMETHYLAMINE	620	U	620	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	N-NITROSODIPHENYLAMINE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PENTACHLOROPHENOL	440	U	440	12000	UG/KG	12000	U
BT-P2-AOI-06-01	SW8270	PHENANTHRENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PYRENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PYRIDINE	1800	U	1800	8900	UG/KG	8900	U
BT-P2-AOI-06-02	SW8270	1,2,4-TRICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1,2-DICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1,3-DICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1,4-DICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1-METHYLNAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	580	U	580	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4,5-TRICHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4,6-TRICHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4-DICHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4-DIMETHYLPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4-DINITROPHENOL	1400	U	1400	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	2,4-DINITROTOLUENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,6-DINITROTOLUENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-CHLORONAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-CHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-METHYLNAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-METHYLPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-NITROANILINE	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	2-NITROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	3,3'-DICHLOROBENZIDINE	360	U	360	2400	UG/KG	2400	UJ
BT-P2-AOI-06-02	SW8270	3+4-METHYLPHENOL	2700		360	2400	UG/KG	2700	

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-02	SW8270	3-NITROANILINE	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	2200	U	2200	9600	UG/KG	9600	U
BT-P2-AOI-06-02	SW8270	4-BROMOPHENYL PHENYL ETHER	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	4-CHLORO-3-METHYLPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	4-CHLOROANILINE	360	U	360	2400	UG/KG	2400	UJ
BT-P2-AOI-06-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	4-NITROANILINE	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	4-NITROPHENOL	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	ACENAPHTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ACENAPHTHYLENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ANILINE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ANTHRACENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	AZOBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(A)ANTHRACENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(A)PYRENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(B)FLUORANTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(G,H,I)PERYLENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(K)FLUORANTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZOIC ACID	2500	U	2500	12000	UG/KG	12000	U
BT-P2-AOI-06-02	SW8270	BENZYL ALCOHOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-CHLOROETHYL)ETHER	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	430	U	430	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	360	U	360	3600	UG/KG	3600	U
BT-P2-AOI-06-02	SW8270	BUTYL BENZYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	CARBAZOLE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	CHRYSENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIBENZO(A,H)ANTHRACENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIBENZOFURAN	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIETHYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIMETHYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DI-N-BUTYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DI-N-OCTYL PHTHALATE	360	U	360	3600	UG/KG	3600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-02	SW8270	FLUORANTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	FLUORENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROBENZENE	500	U	500	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROBUTADIENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROCYCLOPENTADIENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROETHANE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	INDENO(1,2,3-CD)PYRENE	500	U	500	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ISOPHORONE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	NAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	NITROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	N-NITROSODIMETHYLAMINE	500	U	500	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	N-NITROSODIPHENYLAMINE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PENTACHLOROPHENOL	360	U	360	9600	UG/KG	9600	U
BT-P2-AOI-06-02	SW8270	PHENANTHRENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PYRENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PYRIDINE	1400	U	1400	7200	UG/KG	7200	U
BT-P2-AOI-06-03	SW8270	1,2,4-TRICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1,2-DICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1,3-DICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1,4-DICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1-METHYLNAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,3,4,6-TETRACHLOROPHENOL	740	U	740	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4,5-TRICHLOROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4,6-TRICHLOROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4-DICHLOROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4-DIMETHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4-DINITROPHENOL	1800	U	1800	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	2,4-DINITROTOLUENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,6-DINITROTOLUENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-CHLORONAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-CHLOROPHENOL	460	U	460	3100	UG/KG	3100	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-03	SW8270	2-METHYLNAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-METHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-NITROANILINE	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	2-NITROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	3,3'-DICHLOROBENZIDINE	460	U	460	3100	UG/KG	3100	UJ
BT-P2-AOI-06-03	SW8270	3+4-METHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	3-NITROANILINE	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	4,6-DINITRO-2-METHYLPHENOL	2800	U	2800	12000	UG/KG	12000	U
BT-P2-AOI-06-03	SW8270	4-BROMOPHENYL PHENYL ETHER	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	4-CHLORO-3-METHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	4-CHLOROANILINE	460	U	460	3100	UG/KG	3100	UJ
BT-P2-AOI-06-03	SW8270	4-CHLOROPHENYL PHENYL ETHER	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	4-NITROANILINE	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	4-NITROPHENOL	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	ACENAPHTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ACENAPHTHYLENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ANILINE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ANTHRACENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	AZOBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(A)ANTHRACENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(A)PYRENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(B)FLUORANTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(G,H,I)PERYLENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(K)FLUORANTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZOIC ACID	3200	U	3200	15000	UG/KG	15000	U
BT-P2-AOI-06-03	SW8270	BENZYL ALCOHOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-CHLOROETHOXY)METHANE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-CHLOROETHYL)ETHER	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	550	U	550	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	460	U	460	4600	UG/KG	4600	U
BT-P2-AOI-06-03	SW8270	BUTYL BENZYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	CARBAZOLE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	CHRYSENE	460	U	460	3100	UG/KG	3100	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-03	SW8270	DIBENZO(A,H)ANTHRACENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DIBENZOFURAN	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DIETHYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DIMETHYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DI-N-BUTYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DI-N-OCTYL PHTHALATE	460	U	460	4600	UG/KG	4600	U
BT-P2-AOI-06-03	SW8270	FLUORANTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	FLUORENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROBENZENE	650	U	650	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROBUTADIENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROCYCLOPENTADIENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROETHANE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	INDENO(1,2,3-CD)PYRENE	650	U	650	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ISOPHORONE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	NAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	NITROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	N-NITROSODIMETHYLAMINE	650	U	650	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	N-NITROSO-DI-N-PROPYLAMINE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	N-NITROSODIPHENYLAMINE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PENTACHLOROPHENOL	460	U	460	12000	UG/KG	12000	U
BT-P2-AOI-06-03	SW8270	PHENANTHRENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PYRENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PYRIDINE	1800	U	1800	9200	UG/KG	9200	U
BT-P2-AOI-06-04	SW8270	1,2,4-TRICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1,2-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1,3-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1,4-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,3,4,6-TETRACHLOROPHENOL	900	U	900	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4,5-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4,6-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4-DICHLOROPHENOL	570	U	570	3800	UG/KG	3800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-04	SW8270	2,4-DIMETHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4-DINITROPHENOL	2300	U	2300	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	2,4-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,6-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-CHLORONAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-CHLOROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-METHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-NITROANILINE	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	2-NITROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	3,3'-DICHLOROBENZIDINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-06-04	SW8270	3+4-METHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	3-NITROANILINE	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	4,6-DINITRO-2-METHYLPHENOL	3400	U	3400	15000	UG/KG	15000	U
BT-P2-AOI-06-04	SW8270	4-BROMOPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	4-CHLORO-3-METHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	4-CHLOROANILINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-06-04	SW8270	4-CHLOROPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	4-NITROANILINE	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	4-NITROPHENOL	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	ACENAPHTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ACENAPHTHYLENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ANILINE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ANTHRACENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	AZOBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(A)ANTHRACENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(A)PYRENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(B)FLUORANTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(G,H,I)PERYLENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(K)FLUORANTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZOIC ACID	4000	U	4000	19000	UG/KG	19000	U
BT-P2-AOI-06-04	SW8270	BENZYL ALCOHOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BIS(2-CHLOROETHOXY)METHANE	570	U	570	3800	UG/KG	3800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-04	SW8270	BIS(2-CHLOROETHYL)ETHER	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	680	U	680	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	570	U	570	5700	UG/KG	5700	U
BT-P2-AOI-06-04	SW8270	BUTYL BENZYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	CARBAZOLE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	CHRYSENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIBENZO(A,H)ANTHRACENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIBENZOFURAN	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIMETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DI-N-BUTYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DI-N-OCTYL PHTHALATE	570	U	570	5700	UG/KG	5700	U
BT-P2-AOI-06-04	SW8270	FLUORANTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	FLUORENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROBENZENE	790	U	790	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROBUTADIENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROCYCLOPENTADIENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROETHANE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	INDENO(1,2,3-CD)PYRENE	790	U	790	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ISOPHORONE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	NAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	NITROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	N-NITROSODIMETHYLAMINE	790	U	790	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	N-NITROSO-DI-N-PROPYLAMINE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	N-NITROSODIPHENYLAMINE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PENTACHLOROPHENOL	570	U	570	15000	UG/KG	15000	U
BT-P2-AOI-06-04	SW8270	PHENANTHRENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PYRENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PYRIDINE	2300	U	2300	11000	UG/KG	11000	U
BT-P2-AOI-06-05	SW8270	1,2,4-TRICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	1,2-DICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	1,3-DICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-05	SW8270	1,4-DICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	1-METHYLNAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,3,4,6-TETRACHLOROPHENOL	790	U	790	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4,5-TRICHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4,6-TRICHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4-DICHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4-DIMETHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4-DINITROPHENOL	2000	U	2000	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	2,4-DINITROTOLUENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,6-DINITROTOLUENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-CHLORONAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-CHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-METHYLNAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-METHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-NITROANILINE	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	2-NITROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	3,3'-DICHLOROBENZIDINE	500	U	500	3300	UG/KG	3300	UJ
BT-P2-AOI-06-05	SW8270	3+4-METHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	3-NITROANILINE	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	4,6-DINITRO-2-METHYLPHENOL	3000	U	3000	13000	UG/KG	13000	U
BT-P2-AOI-06-05	SW8270	4-BROMOPHENYL PHENYL ETHER	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	4-CHLORO-3-METHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	4-CHLOROANILINE	500	U	500	3300	UG/KG	3300	UJ
BT-P2-AOI-06-05	SW8270	4-CHLOROPHENYL PHENYL ETHER	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	4-NITROANILINE	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	4-NITROPHENOL	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	ACENAPHTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ACENAPHTHYLENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ANILINE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ANTHRACENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	AZOBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(A)ANTHRACENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(A)PYRENE	500	U	500	3300	UG/KG	3300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-05	SW8270	BENZO(B)FLUORANTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(G,H,I)PERYLENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(K)FLUORANTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZOIC ACID	3500	U	3500	17000	UG/KG	17000	U
BT-P2-AOI-06-05	SW8270	BENZYL ALCOHOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-CHLOROETHOXY)METHANE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-CHLOROETHYL)ETHER	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	590	U	590	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	500	U	500	5000	UG/KG	5000	U
BT-P2-AOI-06-05	SW8270	BUTYL BENZYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	CARBAZOLE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	CHRYSENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIBENZO(A,H)ANTHRACENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIBENZOFURAN	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIETHYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIMETHYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DI-N-BUTYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DI-N-OCTYL PHTHALATE	500	U	500	5000	UG/KG	5000	U
BT-P2-AOI-06-05	SW8270	FLUORANTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	FLUORENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROBENZENE	690	U	690	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROBUTADIENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROCYCLOPENTADIENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROETHANE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	INDENO(1,2,3-CD)PYRENE	690	U	690	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ISOPHORONE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	NAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	NITROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	N-NITROSODIMETHYLAMINE	690	U	690	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	N-NITROSO-DI-N-PROPYLAMINE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	N-NITROSODIPHENYLAMINE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	PENTACHLOROPHENOL	500	U	500	13000	UG/KG	13000	U
BT-P2-AOI-06-05	SW8270	PHENANTHRENE	500	U	500	3300	UG/KG	3300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-05	SW8270	PHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	PYRENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	PYRIDINE	2000	U	2000	9900	UG/KG	9900	U
BT-P2-AOI-06-06	SW8270	1,2,4-TRICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1,2-DICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1,3-DICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1,4-DICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1-METHYLNAPHTHALENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,3,4,6-TETRACHLOROPHENOL	680	U	680	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4,5-TRICHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4,6-TRICHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4-DICHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4-DIMETHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4-DINITROPHENOL	1700	U	1700	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	2,4-DINITROTOLUENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,6-DINITROTOLUENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-CHLORONAPHTHALENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-CHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-METHYLNAPHTHALENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-METHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-NITROANILINE	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	2-NITROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	3,3'-DICHLOROBENZIDINE	420	U	420	2800	UG/KG	2800	UJ
BT-P2-AOI-06-06	SW8270	3+4-METHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	3-NITROANILINE	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	4,6-DINITRO-2-METHYLPHENOL	2500	U	2500	11000	UG/KG	11000	U
BT-P2-AOI-06-06	SW8270	4-BROMOPHENYL PHENYL ETHER	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	4-CHLORO-3-METHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	4-CHLOROANILINE	420	U	420	2800	UG/KG	2800	UJ
BT-P2-AOI-06-06	SW8270	4-CHLOROPHENYL PHENYL ETHER	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	4-NITROANILINE	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	4-NITROPHENOL	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	ACENAPHTHENE	420	U	420	2800	UG/KG	2800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-06	SW8270	ACENAPHTHYLENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	ANILINE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	ANTHRACENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	AZOBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(A)ANTHRACENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(A)PYRENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(B)FLUORANTHENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(G,H,I)PERYLENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(K)FLUORANTHENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZOIC ACID	3000	U	3000	14000	UG/KG	14000	U
BT-P2-AOI-06-06	SW8270	BENZYL ALCOHOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-CHLOROETHOXY)METHANE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-CHLOROETHYL)ETHER	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	510	U	510	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	420	U	420	4200	UG/KG	4200	U
BT-P2-AOI-06-06	SW8270	BUTYL BENZYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	CARBAZOLE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	CHRYSENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIBENZO(A,H)ANTHRACENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIBENZOFURAN	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIETHYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIMETHYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DI-N-BUTYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DI-N-OCTYL PHTHALATE	420	U	420	4200	UG/KG	4200	U
BT-P2-AOI-06-06	SW8270	FLUORANTHENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	FLUORENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROBENZENE	590	U	590	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROBUTADIENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROCYCLOPENTADIENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROETHANE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	INDENO(1,2,3-CD)PYRENE	590	U	590	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	ISOPHORONE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	NAPHTHALENE	420	U	420	2800	UG/KG	2800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-06	SW8270	NITROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	N-NITROSODIMETHYLAMINE	590	U	590	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	N-NITROSO-DI-N-PROPYLAMINE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	N-NITROSODIPHENYLAMINE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PENTACHLOROPHENOL	420	U	420	11000	UG/KG	11000	U
BT-P2-AOI-06-06	SW8270	PHENANTHRENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PYRENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PYRIDINE	1700	U	1700	8500	UG/KG	8500	U
BT-P2-AOI-07-01	SW8270	1,2,4-TRICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1,2-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1,3-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1,4-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	560	U	560	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4,5-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4,6-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4-DICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4-DIMETHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4-DINITROPHENOL	1400	U	1400	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	2,4-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,6-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-CHLORONAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-CHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-NITROANILINE	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	2-NITROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	3,3'-DICHLOROBENZIDINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-01	SW8270	3+4-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	3-NITROANILINE	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2100	U	2100	9300	UG/KG	9300	U
BT-P2-AOI-07-01	SW8270	4-BROMOPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-01	SW8270	4-CHLORO-3-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	4-CHLOROANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	4-NITROANILINE	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	4-NITROPHENOL	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	ACENAPHTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ACENAPHTHYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ANILINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	AZOBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(A)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(A)PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(B)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(G,H,I)PERYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(K)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZOIC ACID	2400	U	2400	12000	UG/KG	12000	U
BT-P2-AOI-07-01	SW8270	BENZYL ALCOHOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-CHLOROETHYL)ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	420	U	420	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-01	SW8270	BUTYL BENZYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	CARBAZOLE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	CHRYSENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIBENZO(A,H)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIBENZOFURAN	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIMETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DI-N-BUTYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DI-N-OCTYL PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-01	SW8270	FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	FLUORENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	HEXACHLOROBENZENE	490	U	490	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-01	SW8270	HEXACHLOROBUTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	HEXACHLOROCYCLOPENTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	HEXACHLOROETHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	INDENO(1,2,3-CD)PYRENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ISOPHORONE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	NAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	NITROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	N-NITROSODIMETHYLAMINE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	510	J	350	2300	UG/KG	510	J
BT-P2-AOI-07-01	SW8270	N-NITROSODIPHENYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PENTACHLOROPHENOL	350	U	350	9300	UG/KG	9300	U
BT-P2-AOI-07-01	SW8270	PHENANTHRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PYRIDINE	1400	U	1400	7000	UG/KG	7000	U
BT-P2-AOI-07-02	SW8270	1,2,4-TRICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1,2-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1,3-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1,4-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	560	U	560	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4,5-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4,6-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4-DICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4-DIMETHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4-DINITROPHENOL	1400	U	1400	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	2,4-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,6-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-CHLORONAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-CHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-NITROANILINE	350	U	350	4700	UG/KG	4700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-02	SW8270	2-NITROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	3,3'-DICHLOROBENZIDINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-02	SW8270	3+4-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	3-NITROANILINE	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	2100	U	2100	9400	UG/KG	9400	U
BT-P2-AOI-07-02	SW8270	4-BROMOPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	4-CHLORO-3-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	4-CHLOROANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	4-NITROANILINE	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	4-NITROPHENOL	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	ACENAPHTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ACENAPHTHYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ANILINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	AZOBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(A)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(A)PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(B)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(G,H,I)PERYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(K)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZOIC ACID	2500	U	2500	12000	UG/KG	12000	U
BT-P2-AOI-07-02	SW8270	BENZYL ALCOHOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-CHLOROETHYL)ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	420	U	420	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-02	SW8270	BUTYL BENZYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	CARBAZOLE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	CHRYSENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DIBENZO(A,H)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DIBENZOFURAN	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DIETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-02	SW8270	DIMETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DI-N-BUTYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DI-N-OCTYL PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-02	SW8270	FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	FLUORENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROBENZENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROBUTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROCYCLOPENTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROETHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	INDENO(1,2,3-CD)PYRENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ISOPHORONE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	NAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	NITROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	N-NITROSODIMETHYLAMINE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	N-NITROSODIPHENYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PENTACHLOROPHENOL	350	U	350	9400	UG/KG	9400	U
BT-P2-AOI-07-02	SW8270	PHENANTHRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PYRIDINE	1400	U	1400	7000	UG/KG	7000	U
BT-P2-AOI-08-01	SW8270	1,2,4-TRICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1,2-DICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1,3-DICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1,4-DICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1-METHYLNAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	540	U	540	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4,5-TRICHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4,6-TRICHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4-DICHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4-DIMETHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4-DINITROPHENOL	1400	U	1400	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	2,4-DINITROTOLUENE	340	U	340	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-01	SW8270	2,6-DINITROTOLUENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-CHLORONAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-CHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-METHYLNAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-METHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	2-NITROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	3,3'-DICHLOROBENZIDINE	340	U	340	2300	UG/KG	2300	UJ
BT-P2-AOI-08-01	SW8270	3+4-METHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	3-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2000	U	2000	9100	UG/KG	9100	U
BT-P2-AOI-08-01	SW8270	4-BROMOPHENYL PHENYL ETHER	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	4-CHLORO-3-METHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	4-CHLOROANILINE	340	U	340	2300	UG/KG	2300	UJ
BT-P2-AOI-08-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	4-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	4-NITROPHENOL	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	ACENAPHTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ACENAPHTHYLENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ANILINE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ANTHRACENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	AZOBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(A)ANTHRACENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(A)PYRENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(B)FLUORANTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(G,H,I)PERYLENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(K)FLUORANTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZOIC ACID	2400	U	2400	11000	UG/KG	11000	U
BT-P2-AOI-08-01	SW8270	BENZYL ALCOHOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-CHLOROETHYL)ETHER	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	410	U	410	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	340	U	340	3400	UG/KG	3400	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-01	SW8270	BUTYL BENZYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	CARBAZOLE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	CHRYSENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIBENZO(A,H)ANTHRACENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIBENZOFURAN	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIETHYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIMETHYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DI-N-BUTYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DI-N-OCTYL PHTHALATE	340	U	340	3400	UG/KG	3400	U
BT-P2-AOI-08-01	SW8270	FLUORANTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	FLUORENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROBENZENE	480	U	480	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROBUTADIENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROCYCLOPENTADIENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROETHANE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	INDENO(1,2,3-CD)PYRENE	480	U	480	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ISOPHORONE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	NAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	NITROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	N-NITROSODIMETHYLAMINE	480	U	480	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	N-NITROSODIPHENYLAMINE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PENTACHLOROPHENOL	340	U	340	9100	UG/KG	9100	U
BT-P2-AOI-08-01	SW8270	PHENANTHRENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PYRENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PYRIDINE	1400	U	1400	6800	UG/KG	6800	U
BT-P2-AOI-08-02	SW8270	1,2,4-TRICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1,2-DICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1,3-DICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1,4-DICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1-METHYLNAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	610	U	610	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-02	SW8270	2,4,5-TRICHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4,6-TRICHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4-DICHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4-DIMETHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4-DINITROPHENOL	1500	U	1500	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	2,4-DINITROTOLUENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,6-DINITROTOLUENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-CHLORONAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-CHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-METHYLNAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-METHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-NITROANILINE	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	2-NITROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	3,3'-DICHLOROBENZIDINE	380	U	380	2600	UG/KG	2600	UJ
BT-P2-AOI-08-02	SW8270	3+4-METHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	3-NITROANILINE	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	2300	U	2300	10000	UG/KG	10000	U
BT-P2-AOI-08-02	SW8270	4-BROMOPHENYL PHENYL ETHER	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	4-CHLORO-3-METHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	4-CHLOROANILINE	380	U	380	2600	UG/KG	2600	UJ
BT-P2-AOI-08-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	4-NITROANILINE	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	4-NITROPHENOL	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	ACENAPHTHENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ACENAPHTHYLENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ANILINE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ANTHRACENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	AZOBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(A)ANTHRACENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(A)PYRENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(B)FLUORANTHENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(G,H,I)PERYLENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(K)FLUORANTHENE	380	U	380	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-02	SW8270	BENZOIC ACID	2700	U	2700	13000	UG/KG	13000	U
BT-P2-AOI-08-02	SW8270	BENZYL ALCOHOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-CHLOROETHYL)ETHER	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	460	U	460	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	380	U	380	3800	UG/KG	3800	U
BT-P2-AOI-08-02	SW8270	BUTYL BENZYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	CARBAZOLE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	CHRYSENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIBENZO(A,H)ANTHRACENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIBENZOFURAN	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIETHYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIMETHYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DI-N-BUTYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DI-N-OCTYL PHTHALATE	380	U	380	3800	UG/KG	3800	U
BT-P2-AOI-08-02	SW8270	FLUORANTHENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	FLUORENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROBENZENE	540	U	540	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROBUTADIENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROCYCLOPENTADIENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROETHANE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	INDENO(1,2,3-CD)PYRENE	540	U	540	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ISOPHORONE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	NAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	NITROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	N-NITROSODIMETHYLAMINE	540	U	540	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	N-NITROSODIPHENYLAMINE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PENTACHLOROPHENOL	380	U	380	10000	UG/KG	10000	U
BT-P2-AOI-08-02	SW8270	PHENANTHRENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PYRENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PYRIDINE	1500	U	1500	7700	UG/KG	7700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-01	SW8270	1,2,4-TRICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1,2-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1,3-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1,4-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	190	U	190	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4,5-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4,6-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2,4-DICHLOROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4-DIMETHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4-DINITROPHENOL	470	U	470	1600	UG/KG	1600	UJ
BT-P2-AOI-09-01	SW8270	2,4-DINITROTOLUENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,6-DINITROTOLUENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2-CHLORONAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2-CHLOROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2-METHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2-NITROANILINE	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	2-NITROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	3,3'-DICHLOROBENZIDINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	3+4-METHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	3-NITROANILINE	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	710	U	710	3200	UG/KG	3200	UJ
BT-P2-AOI-09-01	SW8270	4-BROMOPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	4-CHLORO-3-METHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	4-CHLOROANILINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	4-NITROANILINE	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	4-NITROPHENOL	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	ACENAPHTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	ACENAPHTHYLENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	ANILINE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	ANTHRACENE	120	U	120	790	UG/KG	790	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-01	SW8270	AZOBENZENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(A)ANTHRACENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	BENZO(A)PYRENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(B)FLUORANTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(G,H,I)PERYLENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(K)FLUORANTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZOIC ACID	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-01	SW8270	BENZYL ALCOHOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-CHLOROETHYL)ETHER	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	140	U	140	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	270	JB	120	1200	UG/KG	1200	U
BT-P2-AOI-09-01	SW8270	BUTYL BENZYL PHTHALATE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	CARBAZOLE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	CHRYSENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DIBENZO(A,H)ANTHRACENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	DIBENZOFURAN	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DIETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DIMETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DI-N-BUTYL PHTHALATE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	DI-N-OCTYL PHTHALATE	120	U	120	1200	UG/KG	1200	U
BT-P2-AOI-09-01	SW8270	FLUORANTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	FLUORENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	HEXACHLOROBENZENE	170	U	170	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	HEXACHLOROBUTADIENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	HEXACHLOROCYCLOPENTADIENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	HEXACHLOROETHANE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	INDENO(1,2,3-CD)PYRENE	170	U	170	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	ISOPHORONE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	NAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	NITROBENZENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	N-NITROSODIMETHYLAMINE	170	U	170	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	120	U	120	790	UG/KG	790	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-01	SW8270	N-NITROSODIPHENYLAMINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	PENTACHLOROPHENOL	120	U	120	3200	UG/KG	3200	U
BT-P2-AOI-09-01	SW8270	PHENANTHRENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	PHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	PYRENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	PYRIDINE	470	U	470	2400	UG/KG	2400	U
BT-P2-AOI-09-02	SW8270	1,2,4-TRICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1,2-DICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1,3-DICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1,4-DICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1-METHYLNAPHTHALENE	3700		550	3600	UG/KG	3700	J-
BT-P2-AOI-09-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	870	U	870	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4,5-TRICHLOROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4,6-TRICHLOROPHENOL	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	2,4-DICHLOROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4-DIMETHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4-DINITROPHENOL	2200	U	2200	7300	UG/KG	7300	UJ
BT-P2-AOI-09-02	SW8270	2,4-DINITROTOLUENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,6-DINITROTOLUENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	2-CHLORONAPHTHALENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	2-CHLOROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2-METHYLNAPHTHALENE	2600	J	550	3600	UG/KG	2600	J-
BT-P2-AOI-09-02	SW8270	2-METHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2-NITROANILINE	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	2-NITROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	3,3'-DICHLOROBENZIDINE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	3+4-METHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	3-NITROANILINE	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	3300	U	3300	15000	UG/KG	15000	UJ
BT-P2-AOI-09-02	SW8270	4-BROMOPHENYL PHENYL ETHER	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	4-CHLORO-3-METHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	4-CHLOROANILINE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	550	U	550	3600	UG/KG	3600	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-02	SW8270	4-NITROANILINE	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	4-NITROPHENOL	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	ACENAPHTHENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	ACENAPHTHYLENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	ANILINE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	ANTHRACENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	AZOBENZENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(A)ANTHRACENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	BENZO(A)PYRENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(B)FLUORANTHENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(G,H,I)PERYLENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(K)FLUORANTHENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZOIC ACID	3800	U	3800	18000	UG/KG	18000	U
BT-P2-AOI-09-02	SW8270	BENZYL ALCOHOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-CHLOROETHYL)ETHER	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	650	U	650	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	550	U	550	5500	UG/KG	5500	U
BT-P2-AOI-09-02	SW8270	BUTYL BENZYL PHTHALATE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	CARBAZOLE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	CHRYSENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DIBENZO(A,H)ANTHRACENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	DIBENZOFURAN	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DIETHYL PHTHALATE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DIMETHYL PHTHALATE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DI-N-BUTYL PHTHALATE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	DI-N-OCTYL PHTHALATE	550	U	550	5500	UG/KG	5500	U
BT-P2-AOI-09-02	SW8270	FLUORANTHENE	1200	J	550	3600	UG/KG	1200	J
BT-P2-AOI-09-02	SW8270	FLUORENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	HEXACHLOROBENZENE	760	U	760	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	HEXACHLOROBUTADIENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	HEXACHLOROCYCLOPENTADIENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	HEXACHLOROETHANE	550	U	550	3600	UG/KG	3600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-02	SW8270	INDENO(1,2,3-CD)PYRENE	760	U	760	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	ISOPHORONE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	NAPHTHALENE	1200	J	550	3600	UG/KG	1200	J-
BT-P2-AOI-09-02	SW8270	NITROBENZENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	N-NITROSODIMETHYLAMINE	760	U	760	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	N-NITROSODIPHENYLAMINE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	PENTACHLOROPHENOL	550	U	550	15000	UG/KG	15000	U
BT-P2-AOI-09-02	SW8270	PHENANTHRENE	1900	J	550	3600	UG/KG	1900	J
BT-P2-AOI-09-02	SW8270	PHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	PYRENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	PYRIDINE	2200	U	2200	11000	UG/KG	11000	U
BT-P2-AOI-09-03	SW8270	1,2,4-TRICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1,2-DICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1,3-DICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1,4-DICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1-METHYLNAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2,3,4,6-TETRACHLOROPHENOL	930	U	930	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4,5-TRICHLOROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4,6-TRICHLOROPHENOL	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2,4-DICHLOROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4-DIMETHYLPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4-DINITROPHENOL	2300	U	2300	7800	UG/KG	7800	UJ
BT-P2-AOI-09-03	SW8270	2,4-DINITROTOLUENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,6-DINITROTOLUENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2-CHLORONAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2-CHLOROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2-METHYLNAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2-METHYLPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2-NITROANILINE	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	2-NITROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	3,3'-DICHLOROBENZIDINE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	3+4-METHYLPHENOL	580	U	580	3900	UG/KG	3900	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-03	SW8270	3-NITROANILINE	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	4,6-DINITRO-2-METHYLPHENOL	3500	U	3500	16000	UG/KG	16000	UJ
BT-P2-AOI-09-03	SW8270	4-BROMOPHENYL PHENYL ETHER	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	4-CHLORO-3-METHYLPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	4-CHLOROANILINE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	4-CHLOROPHENYL PHENYL ETHER	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	4-NITROANILINE	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	4-NITROPHENOL	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	ACENAPHTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	ACENAPHTHYLENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	ANILINE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	ANTHRACENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	AZOBENZENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(A)ANTHRACENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	BENZO(A)PYRENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(B)FLUORANTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(G,H,I)PERYLENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(K)FLUORANTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZOIC ACID	4100	U	4100	19000	UG/KG	19000	U
BT-P2-AOI-09-03	SW8270	BENZYL ALCOHOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-CHLOROETHOXY)METHANE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-CHLOROETHYL)ETHER	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	700	U	700	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	580	U	580	5800	UG/KG	5800	U
BT-P2-AOI-09-03	SW8270	BUTYL BENZYL PHTHALATE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	CARBAZOLE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	CHRYSENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DIBENZO(A,H)ANTHRACENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	DIBENZOFURAN	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DIETHYL PHTHALATE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DIMETHYL PHTHALATE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DI-N-BUTYL PHTHALATE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	DI-N-OCTYL PHTHALATE	580	U	580	5800	UG/KG	5800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-03	SW8270	FLUORANTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	FLUORENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	HEXACHLOROBENZENE	820	U	820	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	HEXACHLOROBUTADIENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	HEXACHLOROCYCLOPENTADIENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	HEXACHLOROETHANE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	INDENO(1,2,3-CD)PYRENE	820	U	820	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	ISOPHORONE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	NAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	NITROBENZENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	N-NITROSODIMETHYLAMINE	820	U	820	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	N-NITROSO-DI-N-PROPYLAMINE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	N-NITROSODIPHENYLAMINE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	PENTACHLOROPHENOL	580	U	580	16000	UG/KG	16000	U
BT-P2-AOI-09-03	SW8270	PHENANTHRENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	PHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	PYRENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	PYRIDINE	2300	U	2300	12000	UG/KG	12000	U
BT-P2-AOI-09-04	SW8270	1,2,4-TRICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1,2-DICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1,3-DICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1,4-DICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1-METHYLNAPHTHALENE	2600	J	590	3900	UG/KG	2600	J-
BT-P2-AOI-09-04	SW8270	2,3,4,6-TETRACHLOROPHENOL	950	U	950	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4,5-TRICHLOROPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4,6-TRICHLOROPHENOL	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	2,4-DICHLOROPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4-DIMETHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4-DINITROPHENOL	2400	U	2400	7900	UG/KG	7900	UJ
BT-P2-AOI-09-04	SW8270	2,4-DINITROTOLUENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,6-DINITROTOLUENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	2-CHLORONAPHTHALENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	2-CHLOROPHENOL	590	U	590	3900	UG/KG	3900	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-04	SW8270	2-METHYLNAPHTHALENE	1700	J	590	3900	UG/KG	1700	J-
BT-P2-AOI-09-04	SW8270	2-METHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2-NITROANILINE	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	2-NITROPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	3,3'-DICHLOROBENZIDINE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	3+4-METHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	3-NITROANILINE	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	4,6-DINITRO-2-METHYLPHENOL	3600	U	3600	16000	UG/KG	16000	UJ
BT-P2-AOI-09-04	SW8270	4-BROMOPHENYL PHENYL ETHER	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	4-CHLORO-3-METHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	4-CHLOROANILINE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	4-CHLOROPHENYL PHENYL ETHER	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	4-NITROANILINE	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	4-NITROPHENOL	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	ACENAPHTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	ACENAPHTHYLENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	ANILINE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	ANTHRACENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	AZOBENZENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(A)ANTHRACENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	BENZO(A)PYRENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(B)FLUORANTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(G,H,I)PERYLENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(K)FLUORANTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZOIC ACID	4100	U	4100	20000	UG/KG	20000	U
BT-P2-AOI-09-04	SW8270	BENZYL ALCOHOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-CHLOROETHOXY)METHANE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-CHLOROETHYL)ETHER	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	710	U	710	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	590	U	590	5900	UG/KG	5900	U
BT-P2-AOI-09-04	SW8270	BUTYL BENZYL PHTHALATE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	CARBAZOLE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	CHRYSENE	590	U	590	3900	UG/KG	3900	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-04	SW8270	DIBENZO(A,H)ANTHRACENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	DIBENZOFURAN	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	DIETHYL PHTHALATE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	DIMETHYL PHTHALATE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	DI-N-BUTYL PHTHALATE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	DI-N-OCTYL PHTHALATE	590	U	590	5900	UG/KG	5900	U
BT-P2-AOI-09-04	SW8270	FLUORANTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	FLUORENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	HEXACHLOROBENZENE	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	HEXACHLOROBUTADIENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	HEXACHLOROCYCLOPENTADIENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	HEXACHLOROETHANE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	INDENO(1,2,3-CD)PYRENE	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	ISOPHORONE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	NAPHTHALENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	NITROBENZENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	N-NITROSODIMETHYLAMINE	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	N-NITROSO-DI-N-PROPYLAMINE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	N-NITROSODIPHENYLAMINE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	PENTACHLOROPHENOL	590	U	590	16000	UG/KG	16000	U
BT-P2-AOI-09-04	SW8270	PHENANTHRENE	1400	J	590	3900	UG/KG	1400	J
BT-P2-AOI-09-04	SW8270	PHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	PYRENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	PYRIDINE	2400	U	2400	12000	UG/KG	12000	U
BT-P2-AOI-09-05	SW8270	1,2,4-TRICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1,2-DICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1,3-DICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1,4-DICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1-METHYLNAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,3,4,6-TETRACHLOROPHENOL	530	U	530	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4,5-TRICHLOROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4,6-TRICHLOROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4-DICHLOROPHENOL	330	U	330	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-05	SW8270	2,4-DIMETHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4-DINITROPHENOL	1300	U	1300	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	2,4-DINITROTOLUENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,6-DINITROTOLUENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-CHLORONAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-CHLOROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-METHYLNAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-METHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-NITROANILINE	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	2-NITROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	3,3'-DICHLOROBENZIDINE	330	U	330	2200	UG/KG	2200	UJ
BT-P2-AOI-09-05	SW8270	3+4-METHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	3-NITROANILINE	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	4,6-DINITRO-2-METHYLPHENOL	2000	U	2000	8800	UG/KG	8800	U
BT-P2-AOI-09-05	SW8270	4-BROMOPHENYL PHENYL ETHER	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	4-CHLORO-3-METHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	4-CHLOROANILINE	330	U	330	2200	UG/KG	2200	UJ
BT-P2-AOI-09-05	SW8270	4-CHLOROPHENYL PHENYL ETHER	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	4-NITROANILINE	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	4-NITROPHENOL	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	ACENAPHTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ACENAPHTHYLENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ANILINE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ANTHRACENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	AZOBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(A)ANTHRACENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(A)PYRENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(B)FLUORANTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(G,H,I)PERYLENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(K)FLUORANTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZOIC ACID	2300	U	2300	11000	UG/KG	11000	U
BT-P2-AOI-09-05	SW8270	BENZYL ALCOHOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BIS(2-CHLOROETHOXY)METHANE	330	U	330	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-05	SW8270	BIS(2-CHLOROETHYL)ETHER	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	400	U	400	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	330	U	330	3300	UG/KG	3300	U
BT-P2-AOI-09-05	SW8270	BUTYL BENZYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	CARBAZOLE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	CHRYSENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIBENZO(A,H)ANTHRACENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIBENZOFURAN	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIETHYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIMETHYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DI-N-BUTYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DI-N-OCTYL PHTHALATE	330	U	330	3300	UG/KG	3300	U
BT-P2-AOI-09-05	SW8270	FLUORANTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	FLUORENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROBENZENE	460	U	460	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROBUTADIENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROCYCLOPENTADIENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROETHANE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	INDENO(1,2,3-CD)PYRENE	460	U	460	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ISOPHORONE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	NAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	NITROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	N-NITROSODIMETHYLAMINE	460	U	460	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	N-NITROSO-DI-N-PROPYLAMINE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	N-NITROSODIPHENYLAMINE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PENTACHLOROPHENOL	330	U	330	8800	UG/KG	8800	U
BT-P2-AOI-09-05	SW8270	PHENANTHRENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PYRENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PYRIDINE	1300	U	1300	6600	UG/KG	6600	U
BT-P2-AOI-09-06	SW8270	1,2,4-TRICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	1,2-DICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	1,3-DICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06	SW8270	1,4-DICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	1-METHYLNAPHTHALENE	5300		340	2200	UG/KG	5300	
BT-P2-AOI-09-06	SW8270	2,3,4,6-TETRACHLOROPHENOL	540	U	540	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4,5-TRICHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4,6-TRICHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4-DICHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4-DIMETHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4-DINITROPHENOL	1300	U	1300	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	2,4-DINITROTOLUENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,6-DINITROTOLUENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-CHLORONAPHTHALENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-CHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-METHYLNAPHTHALENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-METHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	2-NITROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	3,3'-DICHLOROBENZIDINE	340	U	340	2200	UG/KG	2200	UJ
BT-P2-AOI-09-06	SW8270	3+4-METHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	3-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	4,6-DINITRO-2-METHYLPHENOL	2000	U	2000	8900	UG/KG	8900	U
BT-P2-AOI-09-06	SW8270	4-BROMOPHENYL PHENYL ETHER	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	4-CHLORO-3-METHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	4-CHLOROANILINE	340	U	340	2200	UG/KG	2200	UJ
BT-P2-AOI-09-06	SW8270	4-CHLOROPHENYL PHENYL ETHER	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	4-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	4-NITROPHENOL	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	ACENAPHTHENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ACENAPHTHYLENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ANILINE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ANTHRACENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	AZOBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(A)ANTHRACENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(A)PYRENE	340	U	340	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06	SW8270	BENZO(B)FLUORANTHENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(G,H,I)PERYLENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(K)FLUORANTHENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZOIC ACID	2300	U	2300	11000	UG/KG	11000	U
BT-P2-AOI-09-06	SW8270	BENZYL ALCOHOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-CHLOROETHOXY)METHANE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-CHLOROETHYL)ETHER	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	400	U	400	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	340	U	340	3400	UG/KG	3400	U
BT-P2-AOI-09-06	SW8270	BUTYL BENZYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	CARBAZOLE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	CHRYSENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIBENZO(A,H)ANTHRACENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIBENZOFURAN	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIETHYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIMETHYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DI-N-BUTYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DI-N-OCTYL PHTHALATE	340	U	340	3400	UG/KG	3400	U
BT-P2-AOI-09-06	SW8270	FLUORANTHENE	1400	J	340	2200	UG/KG	1400	J
BT-P2-AOI-09-06	SW8270	FLUORENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROBENZENE	470	U	470	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROBUTADIENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROCYCLOPENTADIENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROETHANE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	INDENO(1,2,3-CD)PYRENE	470	U	470	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ISOPHORONE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	NAPHTHALENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	NITROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	N-NITROSODIMETHYLAMINE	470	U	470	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	N-NITROSO-DI-N-PROPYLAMINE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	N-NITROSODIPHENYLAMINE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	PENTACHLOROPHENOL	340	U	340	8900	UG/KG	8900	U
BT-P2-AOI-09-06	SW8270	PHENANTHRENE	340	U	340	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06	SW8270	PHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	PYRENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	PYRIDINE	1300	U	1300	6700	UG/KG	6700	U
BT-P2-AOI-09-06-DUP	SW8270	1,2,4-TRICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1,2-DICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1,3-DICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1,4-DICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1-METHYLNAPHTHALENE	7700		690	4600	UG/KG	7700	
BT-P2-AOI-09-06-DUP	SW8270	2,3,4,6-TETRACHLOROPHENOL	1100	U	1100	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4,5-TRICHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4,6-TRICHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DICHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DIMETHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DINITROPHENOL	2800	U	2800	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DINITROTOLUENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,6-DINITROTOLUENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-CHLORONAPHTHALENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-CHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-METHYLNAPHTHALENE	5400		690	4600	UG/KG	5400	
BT-P2-AOI-09-06-DUP	SW8270	2-METHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-NITROANILINE	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	2-NITROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	3,3'-DICHLOROBENZIDINE	690	U	690	4600	UG/KG	4600	UJ
BT-P2-AOI-09-06-DUP	SW8270	3+4-METHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	3-NITROANILINE	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	4,6-DINITRO-2-METHYLPHENOL	4100	U	4100	18000	UG/KG	18000	U
BT-P2-AOI-09-06-DUP	SW8270	4-BROMOPHENYL PHENYL ETHER	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	4-CHLORO-3-METHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	4-CHLOROANILINE	690	U	690	4600	UG/KG	4600	UJ
BT-P2-AOI-09-06-DUP	SW8270	4-CHLOROPHENYL PHENYL ETHER	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	4-NITROANILINE	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	4-NITROPHENOL	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	ACENAPHTHENE	690	U	690	4600	UG/KG	4600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06-DUP	SW8270	ACENAPHTHYLENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	ANILINE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	ANTHRACENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	AZOBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(A)ANTHRACENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(A)PYRENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(B)FLUORANTHENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(G,H,I)PERYLENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(K)FLUORANTHENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZOIC ACID	19000	J	4800	23000	UG/KG	19000	J
BT-P2-AOI-09-06-DUP	SW8270	BENZYL ALCOHOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-CHLOROETHOXY)METHANE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-CHLOROETHYL)ETHER	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	830	U	830	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	690	U	690	6900	UG/KG	6900	U
BT-P2-AOI-09-06-DUP	SW8270	BUTYL BENZYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	CARBAZOLE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	CHRYSENE	1500	J	690	4600	UG/KG	1500	J
BT-P2-AOI-09-06-DUP	SW8270	DIBENZO(A,H)ANTHRACENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DIBENZOFURAN	2400	J	690	4600	UG/KG	2400	J
BT-P2-AOI-09-06-DUP	SW8270	DIETHYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DIMETHYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DI-N-BUTYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DI-N-OCTYL PHTHALATE	690	U	690	6900	UG/KG	6900	U
BT-P2-AOI-09-06-DUP	SW8270	FLUORANTHENE	2100	J	690	4600	UG/KG	2100	J
BT-P2-AOI-09-06-DUP	SW8270	FLUORENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROBENZENE	970	U	970	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROBUTADIENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROCYCLOPENTADIENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROETHANE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	INDENO(1,2,3-CD)PYRENE	970	U	970	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	ISOPHORONE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	NAPHTHALENE	2500	J	690	4600	UG/KG	2500	J

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06-DUP	SW8270	NITROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	N-NITROSODIMETHYLAMINE	970	U	970	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	N-NITROSO-DI-N-PROPYLAMINE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	N-NITROSODIPHENYLAMINE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	PENTACHLOROPHENOL	690	U	690	18000	UG/KG	18000	U
BT-P2-AOI-09-06-DUP	SW8270	PHENANTHRENE	4200	J	690	4600	UG/KG	4200	J
BT-P2-AOI-09-06-DUP	SW8270	PHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	PYRENE	1600	J	690	4600	UG/KG	1600	J
BT-P2-AOI-09-06-DUP	SW8270	PYRIDINE	2800	U	2800	14000	UG/KG	14000	U
BT-P2-AOI-09-07	SW8270	1,2,4-TRICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	1,2-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	1,3-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	1,4-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	1-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,3,4,6-TETRACHLOROPHENOL	560	U	560	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4,5-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4,6-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4-DICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4-DIMETHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4-DINITROPHENOL	1400	U	1400	4700	UG/KG	4700	U
BT-P2-AOI-09-07	SW8270	2,4-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,6-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-CHLORONAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-CHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-NITROANILINE	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-09-07	SW8270	2-NITROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	3,3'-DICHLOROBENZIDINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	3+4-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	3-NITROANILINE	350	U	350	4700	UG/KG	4700	UJ
BT-P2-AOI-09-07	SW8270	4,6-DINITRO-2-METHYLPHENOL	2100	U	2100	9300	UG/KG	9300	U
BT-P2-AOI-09-07	SW8270	4-BROMOPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-07	SW8270	4-CHLORO-3-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	4-CHLOROANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	4-CHLOROPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	4-NITROANILINE	350	U	350	4700	UG/KG	4700	UJ
BT-P2-AOI-09-07	SW8270	4-NITROPHENOL	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-09-07	SW8270	ACENAPHTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	ACENAPHTHYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	ANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	AZOBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(A)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(A)PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(B)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(G,H,I)PERYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(K)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZOIC ACID	2400	U	2400	12000	UG/KG	12000	U
BT-P2-AOI-09-07	SW8270	BENZYL ALCOHOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-CHLOROETHOXY)METHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-CHLOROETHYL)ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	420	U	420	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	850	J	350	3500	UG/KG	3500	U
BT-P2-AOI-09-07	SW8270	BUTYL BENZYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	CARBAZOLE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	CHRYSENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIBENZO(A,H)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIBENZOFURAN	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIMETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DI-N-BUTYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DI-N-OCTYL PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-09-07	SW8270	FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	FLUORENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	HEXACHLOROBENZENE	490	U	490	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-07	SW8270	HEXACHLOROBUTADIENE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	HEXACHLOROCYCLOPENTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	HEXACHLOROETHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	INDENO(1,2,3-CD)PYRENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	ISOPHORONE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	NAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	NITROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	N-NITROSODIMETHYLAMINE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	N-NITROSO-DI-N-PROPYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	N-NITROSODIPHENYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PENTACHLOROPHENOL	350	U	350	9300	UG/KG	9300	U
BT-P2-AOI-09-07	SW8270	PHENANTHRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PYRIDINE	1400	U	1400	7000	UG/KG	7000	U
BT-P2-AOI-09-08	SW8270	1,2,4-TRICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1,2-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1,3-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1,4-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2,3,4,6-TETRACHLOROPHENOL	180	U	180	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4,5-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4,6-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2,4-DICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4-DIMETHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4-DINITROPHENOL	440	U	440	1500	UG/KG	1500	UJ
BT-P2-AOI-09-08	SW8270	2,4-DINITROTOLUENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,6-DINITROTOLUENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2-CHLORONAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2-CHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2-NITROANILINE	110	U	110	1500	UG/KG	1500	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-08	SW8270	2-NITROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	3,3'-DICHLOROBENZIDINE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	3+4-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	3-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-P2-AOI-09-08	SW8270	4,6-DINITRO-2-METHYLPHENOL	670	U	670	3000	UG/KG	3000	UJ
BT-P2-AOI-09-08	SW8270	4-BROMOPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	4-CHLORO-3-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	4-CHLOROANILINE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	4-CHLOROPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	4-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-P2-AOI-09-08	SW8270	4-NITROPHENOL	110	U	110	1500	UG/KG	1500	U
BT-P2-AOI-09-08	SW8270	ACENAPHTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	ACENAPHTHYLENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	ANILINE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	AZOBENZENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(A)ANTHRACENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	BENZO(A)PYRENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(B)FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(G,H,I)PERYLENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(K)FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZOIC ACID	780	U	780	3700	UG/KG	3700	U
BT-P2-AOI-09-08	SW8270	BENZYL ALCOHOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-CHLOROETHOXY)METHANE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-CHLOROETHYL)ETHER	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	130	U	130	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	260	JB	110	1100	UG/KG	1100	U
BT-P2-AOI-09-08	SW8270	BUTYL BENZYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	CARBAZOLE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	CHRYSENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	DIBENZO(A,H)ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	DIBENZOFURAN	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	DIETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-08	SW8270	DIMETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	DI-N-BUTYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	DI-N-OCTYL PHTHALATE	110	U	110	1100	UG/KG	1100	U
BT-P2-AOI-09-08	SW8270	FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	FLUORENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	HEXACHLOROBENZENE	160	U	160	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	HEXACHLOROBUTADIENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	HEXACHLOROCYCLOPENTADIENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	HEXACHLOROETHANE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	INDENO(1,2,3-CD)PYRENE	160	U	160	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	ISOPHORONE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	NAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	NITROBENZENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	N-NITROSODIMETHYLAMINE	160	U	160	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	N-NITROSO-DI-N-PROPYLAMINE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	N-NITROSODIPHENYLAMINE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	PENTACHLOROPHENOL	110	U	110	3000	UG/KG	3000	U
BT-P2-AOI-09-08	SW8270	PHENANTHRENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	PHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	PYRENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	PYRIDINE	440	U	440	2200	UG/KG	2200	U
BT-P2-AOI-09-09	SW8270	1,2,4-TRICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1,2-DICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1,3-DICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1,4-DICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1-METHYLNAPHTHALENE	340	J	120	780	UG/KG	340	J-
BT-P2-AOI-09-09	SW8270	2,3,4,6-TETRACHLOROPHENOL	190	U	190	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4,5-TRICHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4,6-TRICHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4-DICHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4-DIMETHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4-DINITROPHENOL	470	U	470	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	2,4-DINITROTOLUENE	120	U	120	780	UG/KG	780	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-09	SW8270	2,6-DINITROTOLUENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-CHLORONAPHTHALENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-CHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-METHYLNAPHTHALENE	240	J	120	780	UG/KG	240	J-
BT-P2-AOI-09-09	SW8270	2-METHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	2-NITROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	3,3'-DICHLOROBENZIDINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	3+4-METHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	3-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	4,6-DINITRO-2-METHYLPHENOL	700	U	700	3100	UG/KG	3100	UJ
BT-P2-AOI-09-09	SW8270	4-BROMOPHENYL PHENYL ETHER	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-CHLORO-3-METHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-CHLOROANILINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-CHLOROPHENYL PHENYL ETHER	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	4-NITROPHENOL	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	ACENAPHTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ACENAPHTHYLENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ANILINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ANTHRACENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	AZOBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(A)ANTHRACENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(A)PYRENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(B)FLUORANTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(G,H,I)PERYLENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(K)FLUORANTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZOIC ACID	820	U	820	3900	UG/KG	3900	UJ
BT-P2-AOI-09-09	SW8270	BENZYL ALCOHOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-CHLOROETHOXY)METHANE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-CHLOROETHYL)ETHER	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	140	U	140	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	260	JB	120	1200	UG/KG	1200	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-09	SW8270	BUTYL BENZYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	CARBAZOLE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	CHRYSENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIBENZO(A,H)ANTHRACENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIBENZOFURAN	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIETHYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIMETHYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DI-N-BUTYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DI-N-OCTYL PHTHALATE	120	U	120	1200	UG/KG	1200	UJ
BT-P2-AOI-09-09	SW8270	FLUORANTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	FLUORENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROBENZENE	160	U	160	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROBUTADIENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROCYCLOPENTADIENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROETHANE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	INDENO(1,2,3-CD)PYRENE	160	U	160	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ISOPHORONE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	NAPHTHALENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	NITROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	N-NITROSODIMETHYLAMINE	160	U	160	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	N-NITROSO-DI-N-PROPYLAMINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	N-NITROSODIPHENYLAMINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PENTACHLOROPHENOL	120	U	120	3100	UG/KG	3100	UJ
BT-P2-AOI-09-09	SW8270	PHENANTHRENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PYRENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PYRIDINE	470	U	470	2300	UG/KG	2300	UJ
BT-PS-AOI-09-10	SW8270	1,2,4-TRICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1,2-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1,3-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1,4-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2,3,4,6-TETRACHLOROPHENOL	180	U	180	740	UG/KG	740	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-PS-AOI-09-10	SW8270	2,4,5-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,4,6-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2,4-DICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,4-DIMETHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,4-DINITROPHENOL	450	U	450	1500	UG/KG	1500	UJ
BT-PS-AOI-09-10	SW8270	2,4-DINITROTOLUENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,6-DINITROTOLUENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2-CHLORONAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2-CHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	2-NITROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	3,3'-DICHLOROBENZIDINE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	3+4-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	3-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	4,6-DINITRO-2-METHYLPHENOL	670	U	670	3000	UG/KG	3000	UJ
BT-PS-AOI-09-10	SW8270	4-BROMOPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	4-CHLORO-3-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	4-CHLOROANILINE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	4-CHLOROPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	4-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	4-NITROPHENOL	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	ACENAPHTHENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	ACENAPHTHYLENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	ANILINE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	AZOBENZENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(A)ANTHRACENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	BENZO(A)PYRENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(B)FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(G,H,I)PERYLENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(K)FLUORANTHENE	110	U	110	740	UG/KG	740	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-PS-AOI-09-10	SW8270	BENZOIC ACID	780	U	780	3700	UG/KG	3700	U
BT-PS-AOI-09-10	SW8270	BENZYL ALCOHOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-CHLOROETHOXY)METHANE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-CHLOROETHYL)ETHER	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	130	U	130	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	220	JB	110	1100	UG/KG	1100	U
BT-PS-AOI-09-10	SW8270	BUTYL BENZYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	CARBAZOLE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	CHRYSENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DIBENZO(A,H)ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	DIBENZOFURAN	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DIETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DIMETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DI-N-BUTYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	DI-N-OCTYL PHTHALATE	110	U	110	1100	UG/KG	1100	U
BT-PS-AOI-09-10	SW8270	FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	FLUORENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	HEXACHLOROBENZENE	160	U	160	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	HEXACHLOROBUTADIENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	HEXACHLOROCYCLOPENTADIENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	HEXACHLOROETHANE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	INDENO(1,2,3-CD)PYRENE	160	U	160	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	ISOPHORONE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	NAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	NITROBENZENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	N-NITROSODIMETHYLAMINE	160	U	160	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	N-NITROSO-DI-N-PROPYLAMINE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	N-NITROSODIPHENYLAMINE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	PENTACHLOROPHENOL	110	U	110	3000	UG/KG	3000	U
BT-PS-AOI-09-10	SW8270	PHENANTHRENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	PHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	PYRENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	PYRIDINE	450	U	450	2200	UG/KG	2200	U

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2202436

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual

APPENDIX D-4

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL RESPONSE AND REMEDIATION EMAIL JANUARY 8, 2023

Ericson, Madison

From: Hannah Tremble-Marty <hannahmarty@utah.gov>
Sent: Wednesday, January 18, 2023 8:57 AM
To: Ericson, Madison; Dunham, Ryan
Subject: Re: Bauer Site History Report
Attachments: Draft_Public_Mtg_Board_24x36.pdf

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Good morning Madison,

I have received the following from the Jacobs PM- Maureen Petit. Please let me know if there are any details you'd like expanded on or anything you feel wasn't addressed. She also provided a site map which I have attached here.

The project was funded under the Bipartisan Infrastructure Law. The Contractor is Clean Harbors Environmental Services with Oversight by AECOM, UDEQ, and EPA. I have also attached a map of the project area.

In August of 2022, Remedial Action Construction Activities began at the Jacobs Smelter Superfund Site, Operable Unit 2, to address lead and arsenic contaminated soils caused by historic mining activities in Stockton, UT. Approximately 80,000 tons of contaminated soil have been excavated and disposed of offsite. Residential properties have been excavated to a cleanup level of 500 milligrams per kilogram(mg/kg) lead in surface soils and 800 mg/kg lead in subsurface soils to a maximum depth of 18 inches. The undeveloped portion of the Site has been excavated to a cleanup level of 3,000 mg/kg lead in surface and subsurface soils. Excavation depths on the undeveloped portion varied from 6 to 114 inches in some areas. The Site will be backfilled with clean soil and topped with 6 inches of topsoil to be reseeded with native vegetation in the Spring of 2023.

Ymfspx&

Hannah Tremble-Marty (she/her)
Environmental Scientist | Site Assessment Environmental Response Coordinator | DEQ
P: (385) 391-8118
environmentalresponse.utah.gov

Note: **I am out of the office on Fridays**, if you have business of an urgent nature on a Friday please call (801) 536- 4100. Emails to and from this email address may be considered public records and thus subject to Utah GRAMA requirements.

On Tue, Jan 17, 2023 at 4:05 PM Ericson, Madison <Madison.Ericson@tetratech.com> wrote:

> Sounds good! Thank you!
>
> **Madison Ericson** | **Environmental Scientist**

APPENDIX E

EDR RADIUS MAP REPORT

Bauer Tailings Site
40.4715093, -112.3681012
Tooele, UT 84074

Inquiry Number: 7037213.2s
June 29, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings	8
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting SSURGO Soil Map	A-5
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

40.4715093, -112.3681012
TOOELE, UT 84074

COORDINATES

Latitude (North):	40.4715090 - 40ˆ 28' 17.43''
Longitude (West):	112.3681010 - 112ˆ 22' 5.16''
Universal Tranverse Mercator:	Zone 12
UTM X (Meters):	384021.7
UTM Y (Meters):	4480780.0
Elevation:	4878 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14660319 STOCKTON, UT
Version Date:	2020
Northeast Map:	14660333 TOOELE, UT
Version Date:	2020
Southwest Map:	14660317 SOUTH MOUNTAIN, UT
Version Date:	2020
Northwest Map:	14664886 GRANTSVILLE, UT
Version Date:	2020

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140630
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
40.4715093, -112.3681012
TOOELE, UT 84074

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	TOOELE ARMY DEPOT		DOD	Same	2531, 0.479, North
Reg	JACOBS SMELTER	NEAR INTERSECTION OF	NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, ROD,	Same	1395, 0.264, SSE
Reg	TOOELE ARMY DEPOT	1 TOOELE ARMY DEPOT	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, US ENG..	Same	2794, 0.529, North
1	BAUER DUMP	US HIGHWAY 36	SEMS-ARCHIVE, PRP	Higher	117, 0.022, East
2	BLACKHAWK RESIN AND	BAUER	SEMS-ARCHIVE	Higher	168, 0.032, NE
3	TOOELE CO.		SWF/LF	Higher	859, 0.163, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS ---------- This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Lists of state and tribal leaking storage tanks

LUST ---------- Sites with Leaking Underground Storage Tanks

LAST ---------- Leaking Aboveground Storage Tank Sites
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing
UST ---------- List of Sites with Underground Storage Tanks
AST ---------- Listing of Aboveground Storage Tanks
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL ---------- Sites with Institutional Controls

Lists of state and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Sites List
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ---------- Brownfields Assessment Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
CDL ---------- Methamphetamine Contaminated Properties Listing
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Site Information Listing

Local Land Records

LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
SPILLS ---------- Spills Data
SPILLS 90 ---------- SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ---------- RCRA - Non Generators / No Longer Regulated

FUDS	Formerly Used Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
EMI	Division of Air Quality
DRYCLEANERS	Registered Drycleaners
EWA	Enforceable Written Assurances
Financial Assurance	Financial Assurance Information Listing
FUDS	Formerly Used Defense Sites
MMRP	Military Munitions Response Program
NPDES	Permitted Facilities Listing
TIER 2	Tier 2 Facility Listing
UIC	UIC Site Location Listing
UOPF	Used Oil Permitted Facilities
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2022 has revealed that there are 2 NPL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACOBS SMELTER Cerclis ID:: 801674 EPA Id: UT0002391472	***NEAR INTERSECTION OF***	***SSE 1/4 - 1/2 (0.264 mi.)***	***0***	***8***
TOOELE ARMY DEPOT Cerclis ID:: 800755 EPA Id: UT3213820894	***1 TOOELE ARMY DEPOT***	***N 1/2 - 1 (0.529 mi.)***	***0***	***25***

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response,

Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/27/2022 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACOBS SMELTER Site ID: 0801674 EPA Id: UT0002391472	***NEAR INTERSECTION OF***	***SSE 1/4 - 1/2 (0.264 mi.)***	***0***	***8***

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2022 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAUER DUMP Site ID: 0800658 EPA Id: UTD980514186	***US HIGHWAY 36***	***E 0 - 1/8 (0.022 mi.)***	***1***	***499***
BLACKHAWK RESIN AND Site ID: 0800729 EPA Id: UTD980960082	BAUER	NE 0 - 1/8 (0.032 mi.)	2	501

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOOELE ARMY DEPOT EPA ID:: UT3213820894	***1 TOOELE ARMY DEPOT***	***N 1/2 - 1 (0.529 mi.)***	***0***	***25***

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/21/2022 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACOBS SMELTER	***NEAR INTERSECTION OF***	***SSE 1/4 - 1/2 (0.264 mi.)***	***0***	***8***
EPA ID:: UT0002391472				
EPA ID:: UT0002391472				

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 02/21/2022 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACOBS SMELTER	***NEAR INTERSECTION OF***	***SSE 1/4 - 1/2 (0.264 mi.)***	***0***	***8***
EPA ID:: UT0002391472				

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Landfill Inventory/Closed Solid Waste Land Disposal Sites.

A review of the SWF/LF list, as provided by EDR, and dated 10/07/2021 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOOELE CO.		E 1/8 - 1/4 (0.163 mi.)	3	502
Facility Status: Closed				

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 06/07/2021 has revealed that there is 1 DOD

site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOOELE ARMY DEPOT		N 1/4 - 1/2 (0.479 mi.)	0	8

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2022 has revealed that there are 2 ROD sites within approximately 1 mile of the target property.

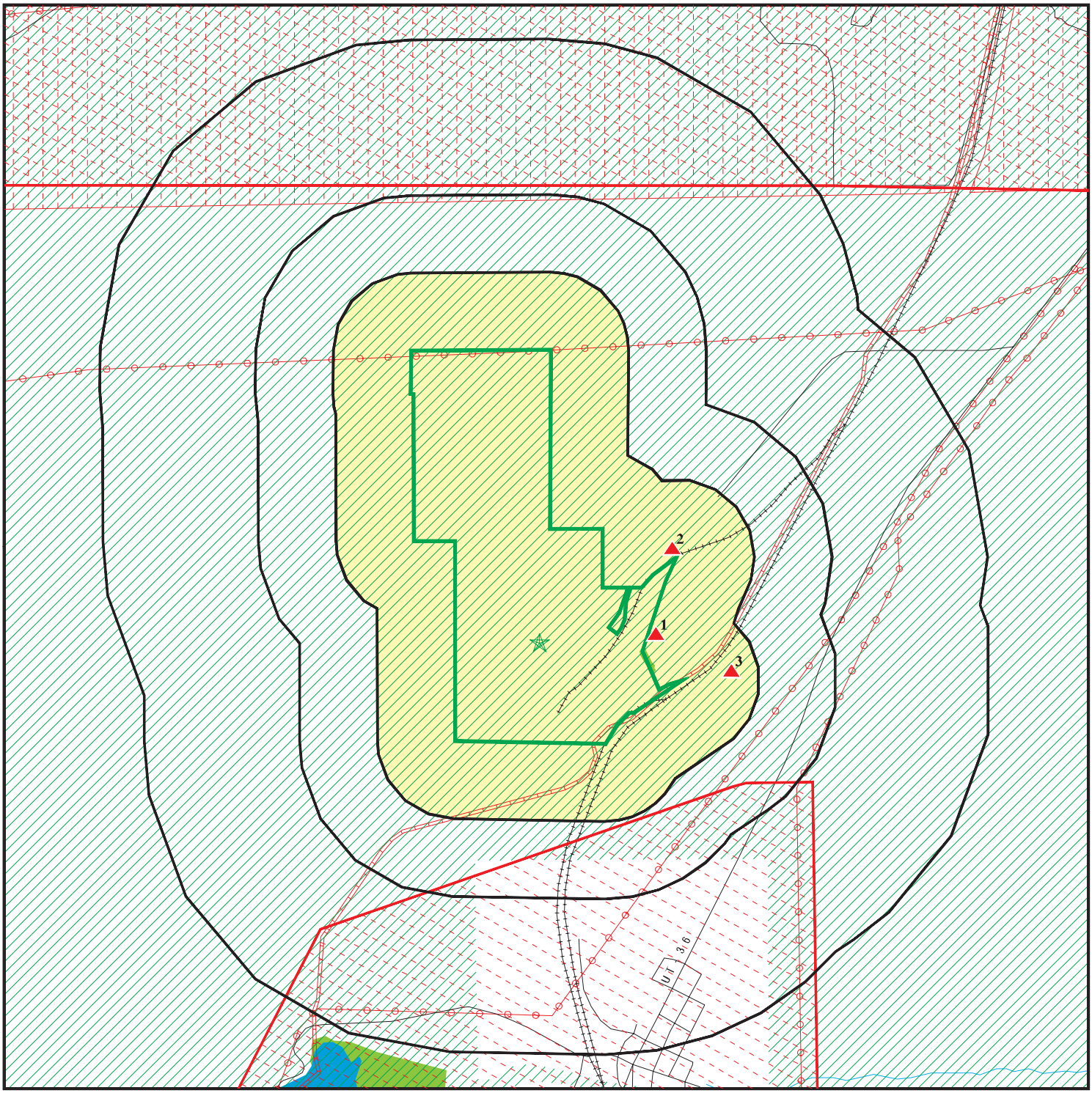
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACOBS SMELTER EPA ID:: UT0002391472	***NEAR INTERSECTION OF***	***SSE 1/4 - 1/2 (0.264 mi.)***	***0***	***8***
TOOELE ARMY DEPOT EPA ID:: UT3213820894	***1 TOOELE ARMY DEPOT***	***N 1/2 - 1 (0.529 mi.)***	***0***	***25***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
TOOELE COUNTY CLASS III	SWF/LF, Financial Assurance

OVERVIEW MAP - 7037213.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Bauer Tailings Site	CLIENT:	Tetra Tech EM, Inc.
ADDRESS:	40.4715093, -112.3681012 Tooele UT 84074	CONTACT:	Madison Ericson
		INQUIRY #:	7037213.2s
LAT/LONG:	40.471509 / 112.368101	DATE:	June 29, 2022 2:50 pm

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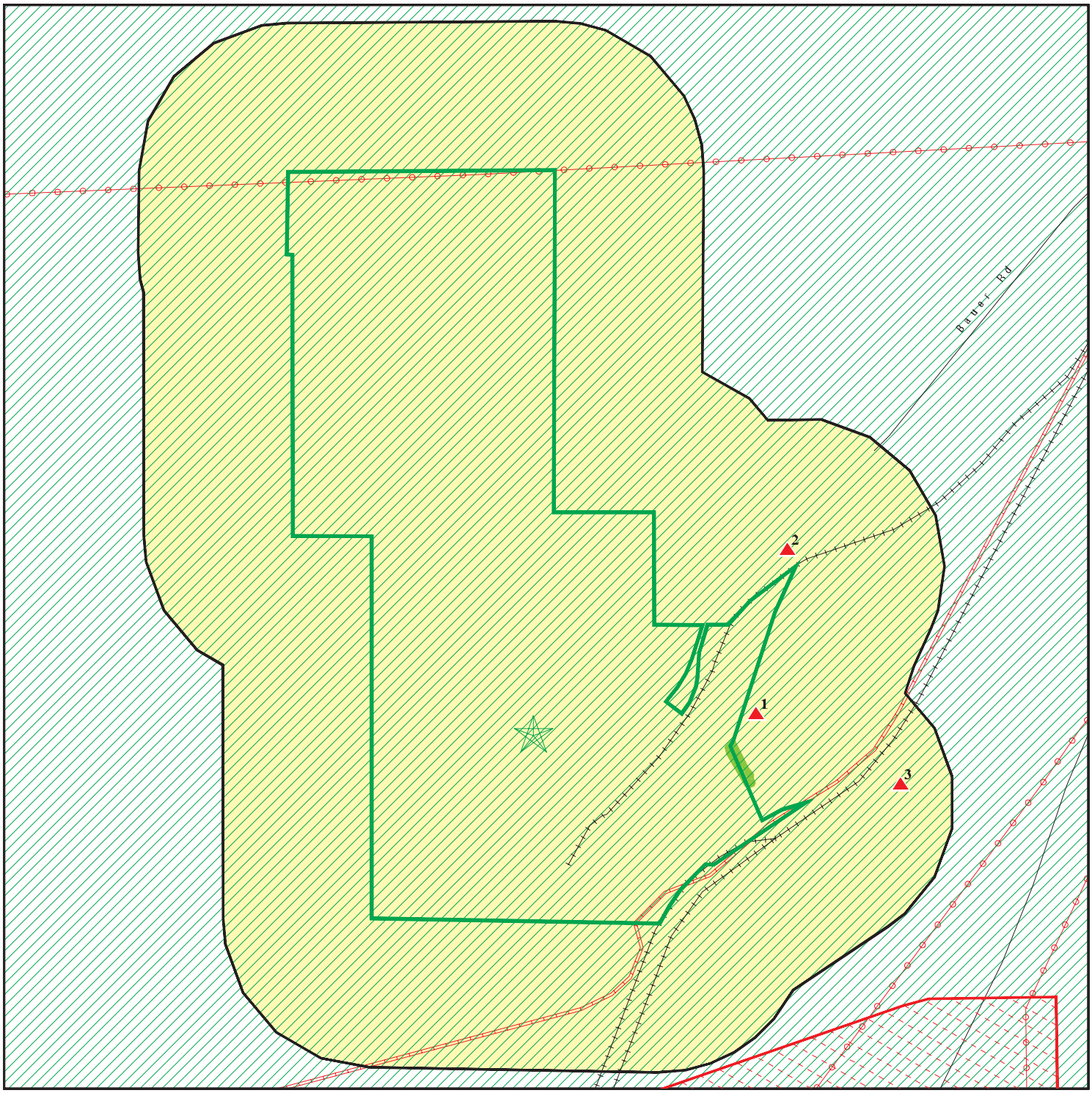
DETAIL MAP - 7037213.2S



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

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LAT/LONG:	40.471509 / 112.368101	DATE:	June 29, 2022 2:50 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	1	1	NR	2
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		2	0	0	NR	NR	2
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	1	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROLS	0.500		0	0	1	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SHWS	N/A		N/A	N/A	N/A	N/A	N/A	N/A
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	1	0	NR	NR	1
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	1	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	1	1	NR	2
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EWA	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
FUDS	TP		NR	NR	NR	NR	NR	0
MMRP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UOPF	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	2	1	6	3	0	12

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

N/A = This State does not maintain a SHWS list. See the Federal CERCLIS list.

DOD **TOOELE ARMY DEPOT** **DOD** **CUSA400465**
Region **N/A**
North **, UT**
1/4-1/2
2531 ft.

DOD:
Site Name: TOOELE ARMY DEPOT
DOD Component: Army Active
Joint Base: N/A
Operating Status: ACT (Active): Site has an on-going operational/support mission (s).

NPL **JACOBS SMELTER** **NPL** **1001230646**
Region **NEAR INTERSECTION OF SMITH & JOHNSON STS** **SEMS** **UT0002391472**
SSE **STOCKTON, UT 84071** **US ENG CONTROLS**
1/4-1/2 **US INST CONTROLS**
1395 ft. **ROD**
PRP
LEAD SMELTERS

NPL:
EPA Region: 8
EPA ID: UT0002391472
Site ID: 801674
Name: JACOBS SMELTER
Address: NEAR INTERSECTION OF SMITH & JOHNSON STS
City,State,Zip: STOCKTON, UT 84071
Federal: N
Final Date: 2000-02-04 00:00:00
Latitude: 40.422185
Longitude: -112.385736
Site Score: 50
NAI: Not reported
Native American Entity: Not reported

NPL:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
CAS Number: Not reported
Substance: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: D004
CAS Number: 7440-38-2
Substance: ARSENIC
Pathway: SOIL EXPOSURE PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: D008
CAS Number: 7439-92-1
Substance: LEAD (PB)
Pathway: SOIL EXPOSURE PATHWAY
Scoring: 4

Summary Details:

Conditions at Proposal July 22, 1999): The Jacobs Smelter site covers over three acres in northeast and southwest Stockton, Utah. In 1998, the Utah

JACOBS SMELTER (Continued) **1001230646**

Department of Environmental Quality collected 29 soil and sediment samples from residential yards, fields, and former smelting locations in the Rush Lake area of Tooele County situated to the south of Tab Hill. These samples were collected to determine if a threat to human health existed in the area from historical smelting operations. Analysis of the soil and sediment samples indicated levels of arsenic and lead to be present at very high concentrations of 30,400 milligrams per kilogram mg/kg) and 68,400 mg/kg, respectively. The discovery of these concentrations prompted the need tofurther investigate the extent of arsenic and lead present in soils in this region of the Rush Lake Valley. Historically, the Rush Lake/Stockton area was a major smelting center for this part of Utah, receiving and milling ore from most of themines in the valley. As many as nine smelters could have operated in the Rush Lake Valley, but only four have been positively located: the Waterman, Chicago, Carson-Bu o, and the Jacobs. All operated in the study area from the 1860s through theturn of the century refining gold, silver, copper, lead, and inc. The nearest of these smelters to the study area was the Jacobs Smelter. Subsequent investigations were performed by the Bureau of Reclamation in conjunction with several government contractors. These investigations included the collection of a total of 5,296 surface soil samples from 252 parks, residences, and lots in Stockton. Using an X-Ray Fluorescence Spectrometer in the field, the majority of samples were found tocontain concentrations of arsenic above the analytical target level of 100 mg/kg, or the lead analytical target level of 400 mg/kg. Samples were sent for laboratory confirmation, and the data resulting from the laboratory analysis were used to delineatean area of observed arsenic contamination in surface soils encompassing at least three acres. An evaluation of residences within the area of observed soil contamination indicates that there are an estimated 62 residences subject to arsenic concentrations exceeding the Cancer Risk Screening Concentration, Health Based Benchmark. In addition, there are 18 residences on which a release of lead has been documented. Status February 2000): In 1999, EPA s Emergency Response branchconducted removals of lead and arsenic contaminated soil exceeding removal action levels at approximately 30 residential properties within the town of Stockton. The Utah Department of Environmental Quality UDEQ) recently conducted a Remedial Investigation/Feasibility Study RI/FS), identifying approximately 130 additional residential properties for remediation. An additional RI/FS is currently being conducted by UDEQ outside of the town of Stockton to identify areas of contaminated soil. Union Pacific Railroad has recently completed a removal of contaminated soils along railroad tracks running through the site in accordance with an Administrative Order on Consent with EPA. The description of the site is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.

NPL:
NPL Status: Currently on the Final NPL
Category Description: Site Activity Waste Source-Mining-Other
Category Value: SMELTING

NPL:
NPL Name: JACOBS SMELTER

NPL:
EPA Region: 08
Site ID: 0801674

JACOBS SMELTER (Continued) **1001230646**

Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 02/04/00
Date Proposed: 07/22/99

NPL:
Proposed Date: 07/22/1999
Final Date: 02/04/2000
Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0801674
EPA ID: UT0002391472
Name: JACOBS SMELTER
Address: NEAR INTERSECTION OF SMITH & JOHNSON STS
Address 2: Not reported
City,State,Zip: STOCKTON, UT 84071
Cong District: 02
FIPS Code: 49045
Latitude: +40.422185
Longitude: -112.385736
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 2005-07-01 04:00:00
Finish Date: 2005-09-30 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1998-08-12 04:00:00
Finish Date: 1998-12-15 05:00:00
Qual: Not reported

JACOBS SMELTER (Continued) **1001230646**

Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1995-05-24 04:00:00
Finish Date:	1995-05-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1999-07-22 04:00:00
Finish Date:	1999-07-22 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	2000-02-04 05:00:00
Finish Date:	2000-02-04 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1

JACOBS SMELTER (Continued) **1001230646**

Start Date:	1999-03-03 05:00:00
Finish Date:	2000-10-02 04:00:00
Qual:	C
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1999-01-25 05:00:00
Finish Date:	1999-07-20 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	2
Start Date:	2010-04-01 04:00:00
Finish Date:	2010-09-22 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2008-07-24 05:00:00
Finish Date:	2012-12-12 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00

JACOBS SMELTER (Continued) **1001230646**

Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2014-12-18 05:00:00
Finish Date:	2015-09-30 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	02
Action Code:	RV
Action Name:	RMVL
SEQ:	2
Start Date:	2010-10-15 04:00:00
Finish Date:	2011-05-31 05:00:00
Qual:	C
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2016-09-29 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	4
Start Date:	2019-09-27 05:00:00
Finish Date:	2020-09-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER

JACOBS SMELTER (Continued) **1001230646**

NPL:	F
FF:	N
OU:	01
Action Code:	GR
Action Name:	PART DEL
SEQ:	1
Start Date:	2001-09-04 04:00:00
Finish Date:	2001-09-04 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	01
Action Code:	TV
Action Name:	Partial Del
SEQ:	1
Start Date:	2001-07-05 04:00:00
Finish Date:	2001-07-05 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	03
Action Code:	GR
Action Name:	PART DEL
SEQ:	2
Start Date:	2005-11-29 05:00:00
Finish Date:	2005-11-29 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	03
Action Code:	TV
Action Name:	Partial Del
SEQ:	2
Start Date:	2005-09-30 04:00:00
Finish Date:	2005-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08

JACOBS SMELTER (Continued) **1001230646**

Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	06
Action Code:	CO
Action Name:	RI/FS
SEQ:	2
Start Date:	2020-06-25 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	03
Action Code:	BB
Action Name:	PRP RV
SEQ:	1
Start Date:	1999-10-18 04:00:00
Finish Date:	2002-02-27 05:00:00
Qual:	C
Current Action Lead:	EPA Ovrsght

Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	02
Action Code:	BB
Action Name:	PRP RV
SEQ:	2
Start Date:	2001-08-15 04:00:00
Finish Date:	2001-11-28 05:00:00
Qual:	C
Current Action Lead:	EPA Ovrsght

Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	04
Action Code:	BB
Action Name:	PRP RV
SEQ:	3
Start Date:	2008-09-15 04:00:00
Finish Date:	2009-09-16 04:00:00
Qual:	C

JACOBS SMELTER (Continued) **1001230646**

Current Action Lead:	EPA Ovrsght
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1997-06-19 04:00:00
Finish Date:	1998-12-08 05:00:00
Qual:	H
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	02
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1999-06-24 04:00:00
Finish Date:	2003-05-16 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	02
Action Code:	RI
Action Name:	RI
SEQ:	1
Start Date:	1999-03-25 05:00:00
Finish Date:	2003-07-23 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	02
Action Code:	RD
Action Name:	RD
SEQ:	2

JACOBS SMELTER (Continued) **1001230646**

Start Date: 2003-07-10 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Perf

Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 02
Action Code: RA
Action Name: RA
SEQ: 2
Start Date: 2022-02-04 06:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Perf

Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1995-05-24 04:00:00
Finish Date: 1998-12-08 05:00:00
Qual: H
Current Action Lead: St Perf

Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 02
Action Code: FS
Action Name: FS
SEQ: 1
Start Date: 2001-06-18 04:00:00
Finish Date: 2016-09-29 05:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 02

JACOBS SMELTER (Continued) **1001230646**

Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	2000-11-01 05:00:00
Finish Date:	2001-08-29 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1999-01-20 05:00:00
Finish Date:	1999-07-29 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1999-07-29 04:00:00
Finish Date:	1999-07-29 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER
NPL:	F
FF:	N
OU:	01
Action Code:	RD
Action Name:	RD
SEQ:	1
Start Date:	1999-08-10 04:00:00
Finish Date:	1999-12-20 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf
Region:	08
Site ID:	0801674
EPA ID:	UT0002391472
Site Name:	JACOBS SMELTER

JACOBS SMELTER (Continued) **1001230646**

NPL: F
FF: N
OU: 01
Action Code: RA
Action Name: RA
SEQ: 1
Start Date: 2000-02-09 05:00:00
Finish Date: 2001-03-29 05:00:00
Qual: FR
Current Action Lead: St Perf

Region: 08
Site ID: 0801674
EPA ID: UT0002391472
Site Name: JACOBS SMELTER
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 2016-09-29 05:00:00
Finish Date: 2016-09-29 05:00:00
Qual: Not reported
Current Action Lead: St Perf

SIte:
Name: JACOBS SMELTER
Address: NEAR INTERSECTION OF SMITH & JOHNSON STS
Address 2: Not reported
City,State,Zip: STOCKTON, UT 84071
Event Code: Not reported
Action Taken Date: 09/29/2016
EPA ID: UT0002391472
Action Name: Record of Decision
Action ID: 2
Operable Unit: 02
Contaminated Media: Soil
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2016
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.422185
Longitude: -112.385736

Media:
EPA ID: UT0002391472
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 07/29/1999
Event Code: Not reported

JACOBS SMELTER (Continued) **1001230646**

Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	07/29/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	07/29/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	07/29/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL

JACOBS SMELTER (Continued) **1001230646**

Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736
EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	07/29/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736
EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	07/29/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736
EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	07/29/1999
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736
EPA ID:	UT0002391472
Contaminated Media:	Soil

JACOBS SMELTER (Continued) **1001230646**

Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/29/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/29/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

EPA ID:	UT0002391472
Contaminated Media:	Soil
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/29/2016
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

US INST CONTROLS:

Name:	JACOBS SMELTER
Address:	NEAR INTERSECTION OF SMITH & JOHNSON STS
Address 2:	Not reported
City,State,Zip:	STOCKTON, UT 84071
EPA ID:	UT0002391472
Action Name:	Record of Decision

JACOBS SMELTER (Continued) **1001230646**

Action ID:	1
Operable Unit:	01
Actual Date:	07/29/1999
Contaminated Media:	Soil
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1999
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

Name:	JACOBS SMELTER
Address:	NEAR INTERSECTION OF SMITH & JOHNSON STS
Address 2:	Not reported
City,State,Zip:	STOCKTON, UT 84071
EPA ID:	UT0002391472
Action Name:	Record of Decision
Action ID:	2
Operable Unit:	02
Actual Date:	09/29/2016
Contaminated Media:	Soil
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2016
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.422185
Longitude:	-112.385736

ROD:

Name:	JACOBS SMELTER
Address:	NEAR INTERSECTION OF SMITH & JOHNSON STS
City,State,Zip:	STOCKTON, UT 84071
EPA ID:	UT0002391472
RG:	8
Site ID:	801674
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	RESIDENTIAL SOILS
SEQ ID:	1
Action Completion:	1999-07-29 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	JACOBS SMELTER
Address:	NEAR INTERSECTION OF SMITH & JOHNSON STS
City,State,Zip:	STOCKTON, UT 84071
EPA ID:	UT0002391472
RG:	8
Site ID:	801674
Action:	GOVT Decision Document (ROD)

JACOBS SMELTER (Continued) **1001230646**

Operable Unit Number: NON RESIDENTIAL PORTION
SEQ ID: 2
Action Completion: 2016-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: BROCKBANK, NATE
BROCKBANK, NATE
KENNECOTT UTAH COPPER CORPORATION
KENNECOTT UTAH COPPER CORPORATION
OM ENTERPRISES COMPANY
OM ENTERPRISES COMPANY
RICKY P. WHEELER
TOWN OF STOCKTON
UNION PACIFIC RAILROAD
UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
UTAH DEPARTMENT OF TRANSPORTATION

Lead Smelter Sites:
Site ID: 801674
Facility Region Id: 8
Latitude: 40.422185
Longitude: -112.385736
CoC Ind: Y
Contaminant Name: ARSENIC
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Currently on the Final NPL
Primary Site-Sub Type: Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative: Not reported

Site ID: 801674
Facility Region Id: 8
Latitude: 40.422185
Longitude: -112.385736
CoC Ind: Y
Contaminant Name: LEAD
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Currently on the Final NPL
Primary Site-Sub Type: Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative: Not reported

NPL
Region
North
1/2-1
2794 ft.

TOOELE ARMY DEPOT
1 TOOELE ARMY DEPOT
TOOELE, UT 84074

Database(s):
NPL
SEMS
CORRACTS
RCRA-TSDF
RCRA-LQG
US ENG CONTROLS
US INST CONTROLS
2020 COR ACTION
ROD
PRP
PADS
DOCKET HWC

EDR ID Number: 1000204113
EPA ID Number: UT3213820894

NPL:

EPA Region:	8
EPA ID:	UT3213820894
Site ID:	800755
Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
City,State,Zip:	TOOELE, UT 84074
Federal:	Y
Final Date:	1990-08-30 00:00:00
Latitude:	40.526461
Longitude:	-112.410368
Site Score:	53.950000000000003
NAI:	Not reported
Native American Entity:	Not reported

NPL:

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
CAS Number:	Not reported
Substance:	Not reported
Pathway:	Not reported
Scoring:	Not reported

NPL Status:	Currently on the Final NPL
Substance ID:	A005
CAS Number:	Not reported
Substance:	ARSENIC AND COMPOUNDS
Pathway:	DIRECT CONTACT PATHWAY
Scoring:	3

NPL Status:	Currently on the Final NPL
Substance ID:	A020
CAS Number:	Not reported
Substance:	CHROMIUM AND COMPOUNDS
Pathway:	GROUND WATER PATHWAY
Scoring:	3

NPL Status:	Currently on the Final NPL
Substance ID:	C247
CAS Number:	Not reported
Substance:	ZINC AND COMPOUNDS
Pathway:	SURFACE WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	C365
CAS Number:	118-96-7

TOOELE ARMY DEPOT (Continued) **1000204113**

Substance: TRINITROTOLUENE (TNT)
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C546
CAS Number: 25321-14-6
Substance: DINITROTOLUENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: D004
CAS Number: 7440-38-2
Substance: ARSENIC
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: D004
CAS Number: 7440-38-2
Substance: ARSENIC
Pathway: SURFACE WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U077
CAS Number: 107-06-2
Substance: DICHLOROETHANE, 1,2-
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
CAS Number: 56-23-5
Substance: CARBON TETRACHLORIDE
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U226
CAS Number: 71-55-6
Substance: TRICHLOROETHANE, 1,1,1-
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
CAS Number: 79-01-6
Substance: TRICHLOROETHYLENE (TCE)
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: U234
CAS Number: 99-35-4
Substance: TRINITROBENZENE, 1,3,5-

TOOELE ARMY DEPOT (Continued) **1000204113**

Pathway: NO PATHWAY INDICATED
Scoring: 1

Summary Details:

Conditions at proposal October 15, 1984): The Tooele Army Depot TEAD) is in Tooele, Tooele County, Utah, 35 miles southwest of Salt Lake City. It consists of two separate areas, the North Area and the South Area. The North Area covers about 25,000 acres in Tooele Valley south and west of Tooele. Since 1943, TEAD has had a fourfold mission: store ammunition, demilitari e ammunition, rebuild military equipment, and store military equipment. In fulfilling its mission, TEADdecommissions munitions by cutting the casings and removing and recycling the explosive material. The casings are then rinsed with water to remove residual explosives. Between 1948 and 1965, rinse waters were discharged into the TNT WashoutArea, which covers less than 1 acre in the North Area. The Army has detected trinitrotoluene TNT) and cyclomethylenetriamine RDX), an experimental explosive, in soil near the TNT Washout Area, threatening ground water. About 2,500 peopledepend on wells within 3 miles of the site as a source of drinking water. TEAD is participating in the Installation Restoration Program, established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from ha ardous materials. The Army has completed Phase I records search). Status August 30, 1990): Activities at Tooele are divided into two discrete field activities or operable units OUs). OU 1 involves ground water contaminated with organic solvents and metals resulting from an unlined industrial waste lagoon. The Army has closed the lagoon; the Utah Department of Health approved the closure on November 1, 1989, the deadline set in a Consent Decree entered into earlier by the Army, Utah, and the U.S. Department of Justice. A ground water assessment required by the decree shows that a plume of ground water contaminated with trichloroethylene TCE) and trichloroethane TCA) has migrateddowngradient approximately 2 miles. The leading edge of the plume lies several hundred yards beyond the TEAD boundary and may be migrating several hundred feet per year. TCE concentrations vary from approximately 250 parts per billion ppb) beneath the lagoon ditches to 8 ppb at the TEAD boundary. Of approximately 37 billion gallons of contaminated ground water, approximately 16 billion gallons will require cleanup. The proposed cleanup calls for installing an extraction wellfield near the northern boundary of TEAD to intercept the leading edge of the contaminant plume. Ground water pumped from the wellfield will be piped to a water treatment plant where the contaminants will be removed by air stripping techniques. Treated effluent will be piped to an injection wellfield upgradient of the contaminant plume. OU 2 involves a landfill and facilities for ordnance demilitari ation that released TCE and TNT-related contaminants. The Army is attempting to define the extent of contamination in OU 2. EPA, the State, and the Army plan to negotiate an Interagency Agreement under CERCLA Section 120 covering future activities at TEAD.

NPL:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 25 And <= 50 Feet
Category Value: 50 FTBGS

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

TOOELE ARMY DEPOT (Continued) **1000204113**

NPL:
NPL Name: TOOELE ARMY DEPOT (NORTH AREA)

NPL:
EPA Region: 08
Site ID: 0800755
Site Status: F
Federal Site: Y
Date Deleted: Not reported
Date Finalized: 08/30/90
Date Proposed: 10/15/84

NPL:
Proposed Date: 10/15/1984
Final Date: 08/30/1990
Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0800755
EPA ID: UT3213820894
Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
Cong District: 02
FIPS Code: 49045
Latitude: +40.526461
Longitude: -112.410368
FF: Y
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 02
Action Code: MA
Action Name: ST COOP
SEQ: 3
Start Date: 1991-02-21 05:00:00
Finish Date: 1991-10-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y

TOOELE ARMY DEPOT (Continued) **1000204113**

OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2009-01-20 05:00:00
Finish Date:	2009-01-20 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	1
Start Date:	1994-11-01 05:00:00
Finish Date:	2001-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	1
Start Date:	1995-07-20 04:00:00
Finish Date:	1996-03-26 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	01
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	4
Start Date:	1991-12-31 05:00:00
Finish Date:	1993-12-15 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	12
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	4
Start Date:	1991-12-31 05:00:00
Finish Date:	2001-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	12
Action Code:	SC
Action Name:	RCRA DD
SEQ:	4
Start Date:	2004-03-09 05:00:00
Finish Date:	2004-03-09 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	13
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	5
Start Date:	1994-11-01 05:00:00
Finish Date:	2001-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	13
Action Code:	SC
Action Name:	RCRA DD
SEQ:	5
Start Date:	2002-01-23 05:00:00
Finish Date:	2002-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

TOOELE ARMY DEPOT (Continued) **1000204113**

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	13
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	5
Start Date:	2001-06-28 04:00:00
Finish Date:	2002-06-10 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	14
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	6
Start Date:	1994-11-01 05:00:00
Finish Date:	2001-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	14
Action Code:	SC
Action Name:	RCRA DD
SEQ:	6
Start Date:	2002-01-23 05:00:00
Finish Date:	2002-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	14
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	6
Start Date:	2001-06-28 04:00:00
Finish Date:	2002-08-19 04:00:00

TOOELE ARMY DEPOT (Continued) **1000204113**

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	09
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1997-11-19 05:00:00
Finish Date:	1998-08-10 04:00:00
Qual:	P
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	08
Action Code:	LV
Action Name:	FF RV
SEQ:	2
Start Date:	1997-11-19 05:00:00
Finish Date:	1998-08-10 04:00:00
Qual:	C
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1990-08-30 04:00:00
Finish Date:	1990-08-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	MW
Action Name:	RCRA CMS

TOOELE ARMY DEPOT (Continued) **1000204113**

SEQ: 1
Start Date: 1997-03-15 05:00:00
Finish Date: 1997-03-15 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 08
Action Code: RO
Action Name: ROD
SEQ: 10
Start Date: 2004-02-10 05:00:00
Finish Date: 2004-02-10 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 00
Action Code: LZ
Action Name: FF CR
SEQ: 1
Start Date: 1998-02-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 07
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 1994-09-30 04:00:00
Finish Date: 1994-09-30 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y

TOOELE ARMY DEPOT (Continued) **1000204113**

OU:	04
Action Code:	LY
Action Name:	FF RA
SEQ:	7
Start Date:	2002-12-03 05:00:00
Finish Date:	2007-01-01 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	3
Start Date:	2001-06-28 04:00:00
Finish Date:	2002-08-19 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	08
Action Code:	LX
Action Name:	FF RD
SEQ:	7
Start Date:	2000-08-31 04:00:00
Finish Date:	2004-02-10 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1984-10-15 05:00:00
Finish Date:	1984-10-15 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	2
Start Date:	2002-08-15 04:00:00
Finish Date:	2002-08-15 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	04
Action Code:	LX
Action Name:	FF RD
SEQ:	6
Start Date:	2000-08-31 04:00:00
Finish Date:	2002-12-02 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	08
Action Code:	LY
Action Name:	FF RA
SEQ:	8
Start Date:	2004-09-27 04:00:00
Finish Date:	2011-09-29 04:00:00
Qual:	FR
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	12
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	7
Start Date:	2005-03-02 05:00:00
Finish Date:	2005-05-17 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

TOOELE ARMY DEPOT (Continued) **1000204113**

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	11
Action Code:	MV
Action Name:	RCRA CMD
SEQ:	4
Start Date:	2009-02-14 05:00:00
Finish Date:	2009-09-11 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	SC
Action Name:	RCRA DD
SEQ:	3
Start Date:	2002-01-23 05:00:00
Finish Date:	2002-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	11
Action Code:	SC
Action Name:	RCRA DD
SEQ:	1
Start Date:	2009-02-14 05:00:00
Finish Date:	2009-02-14 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	SC
Action Name:	RCRA DD
SEQ:	2
Start Date:	2003-06-23 04:00:00
Finish Date:	2003-06-23 04:00:00

TOOELE ARMY DEPOT (Continued) **1000204113**

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	2
Start Date:	1991-12-31 05:00:00
Finish Date:	2001-02-12 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	01
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	3
Start Date:	1983-08-16 04:00:00
Finish Date:	1991-11-01 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	6
Start Date:	2002-12-02 05:00:00
Finish Date:	2002-12-02 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	GQ
Action Name:	RCRA CMC

TOOELE ARMY DEPOT (Continued) **1000204113**

SEQ: 25
Start Date: 2002-08-15 04:00:00
Finish Date: 2004-09-15 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 12
Action Code: MW
Action Name: RCRA CMS
SEQ: 4
Start Date: 2001-01-12 05:00:00
Finish Date: 2003-01-15 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 06
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1994-09-30 04:00:00
Finish Date: 1994-09-30 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 10
Action Code: RO
Action Name: ROD
SEQ: 3
Start Date: 1994-09-30 04:00:00
Finish Date: 1994-09-30 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y

TOOELE ARMY DEPOT (Continued) **1000204113**

OU:	05
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	1994-09-30 04:00:00
Finish Date:	1994-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	09
Action Code:	RO
Action Name:	ROD
SEQ:	9
Start Date:	2008-09-30 04:00:00
Finish Date:	2008-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	MW
Action Name:	RCRA CMS
SEQ:	3
Start Date:	2002-08-15 04:00:00
Finish Date:	2002-08-15 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	13
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	23
Start Date:	2002-06-10 04:00:00
Finish Date:	2003-06-23 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	14
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	24
Start Date:	2002-08-19 04:00:00
Finish Date:	2008-08-28 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	12
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	22
Start Date:	2005-08-01 04:00:00
Finish Date:	2007-07-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	11
Action Code:	MX
Action Name:	RCRA RFI
SEQ:	15
Start Date:	2004-04-15 04:00:00
Finish Date:	2009-07-14 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	20
Start Date:	1998-09-02 04:00:00
Finish Date:	1999-07-09 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

TOOELE ARMY DEPOT (Continued) **1000204113**

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	11
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	21
Start Date:	2009-09-11 04:00:00
Finish Date:	2012-03-29 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	14
Start Date:	1996-11-04 05:00:00
Finish Date:	1997-02-28 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	15
Start Date:	1996-11-04 05:00:00
Finish Date:	1997-02-28 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	02
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	16
Start Date:	1996-11-04 05:00:00
Finish Date:	1997-03-28 05:00:00

TOOELE ARMY DEPOT (Continued) **1000204113**

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	18
Start Date:	2002-08-19 04:00:00
Finish Date:	2007-07-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	03
Action Code:	GQ
Action Name:	RCRA CMC
SEQ:	19
Start Date:	1998-04-20 04:00:00
Finish Date:	1999-08-01 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	09
Action Code:	LY
Action Name:	FF RA
SEQ:	3
Start Date:	2008-09-30 04:00:00
Finish Date:	2010-10-04 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	05
Action Code:	LW
Action Name:	FF RI/FS

TOOELE ARMY DEPOT (Continued) **1000204113**

SEQ:	2
Start Date:	1991-09-16 04:00:00
Finish Date:	1994-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	10
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	8
Start Date:	1993-04-12 04:00:00
Finish Date:	1994-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	04
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	10
Start Date:	1993-07-15 04:00:00
Finish Date:	2000-09-22 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	10
Action Code:	LY
Action Name:	FF RA
SEQ:	1
Start Date:	1995-06-20 04:00:00
Finish Date:	1995-06-29 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y

TOOELE ARMY DEPOT (Continued) **1000204113**

OU:	10
Action Code:	LY
Action Name:	FF RA
SEQ:	2
Start Date:	1995-08-29 04:00:00
Finish Date:	1996-06-28 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	07
Action Code:	LY
Action Name:	FF RA
SEQ:	5
Start Date:	1996-07-25 04:00:00
Finish Date:	1996-10-25 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	01
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	1
Start Date:	1983-08-16 04:00:00
Finish Date:	1991-11-01 05:00:00
Qual:	H
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	10
Action Code:	LX
Action Name:	FF RD
SEQ:	1
Start Date:	1994-12-18 05:00:00
Finish Date:	1995-08-02 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	07
Action Code:	LX
Action Name:	FF RD
SEQ:	2
Start Date:	1994-12-18 05:00:00
Finish Date:	1995-08-02 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	09
Action Code:	LX
Action Name:	FF RD
SEQ:	5
Start Date:	2007-07-23 04:00:00
Finish Date:	2008-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1984-08-01 05:00:00
Finish Date:	1984-08-01 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	09
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	6
Start Date:	1992-01-02 05:00:00
Finish Date:	2008-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

TOOELE ARMY DEPOT (Continued) **1000204113**

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	08
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	7
Start Date:	1993-03-19 05:00:00
Finish Date:	1997-10-20 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	06
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	5
Start Date:	1992-01-02 05:00:00
Finish Date:	1994-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	07
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	9
Start Date:	1993-07-15 04:00:00
Finish Date:	1994-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac

Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-01-01 05:00:00
Finish Date:	1984-01-01 05:00:00

TOOELE ARMY DEPOT (Continued) **1000204113**

Qual: L
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 12
Action Code: GQ
Action Name: RCRA CMC
SEQ: 26
Start Date: 2007-07-16 04:00:00
Finish Date: 2009-07-14 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 01
Action Code: SC
Action Name: RCRA DD
SEQ: 7
Start Date: 1989-04-13 04:00:00
Finish Date: 1989-04-13 04:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 11
Action Code: SC
Action Name: RCRA DD
SEQ: 8
Start Date: 2013-06-27 05:00:00
Finish Date: 2013-06-27 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 11
Action Code: MV
Action Name: RCRA CMD

TOOELE ARMY DEPOT (Continued) **1000204113**

SEQ: 8
Start Date: 2013-06-27 05:00:00
Finish Date: 2014-08-18 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 15
Action Code: NH
Action Name: FF RI
SEQ: 1
Start Date: 2010-08-05 05:00:00
Finish Date: 2018-06-29 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 15
Action Code: RO
Action Name: ROD
SEQ: 11
Start Date: 2015-06-08 05:00:00
Finish Date: 2018-06-29 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 15
Action Code: LX
Action Name: FF RD
SEQ: 8
Start Date: 2018-06-29 05:00:00
Finish Date: 2021-09-29 05:00:00
Qual: Not reported
Current Action Lead: Fed Fac

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y

TOOELE ARMY DEPOT (Continued) **1000204113**

OU:	16
Action Code:	RO
Action Name:	ROD
SEQ:	12
Start Date:	2013-10-25 05:00:00
Finish Date:	2013-12-08 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	11
Action Code:	LY
Action Name:	FF RA
SEQ:	12
Start Date:	2013-06-27 05:00:00
Finish Date:	2018-12-10 06:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	11
Action Code:	LX
Action Name:	FF RD
SEQ:	10
Start Date:	2013-06-27 05:00:00
Finish Date:	2014-08-18 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894
Site Name:	TOOELE ARMY DEPOT (NORTH AREA)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	9
Start Date:	2021-09-29 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	08
Site ID:	0800755
EPA ID:	UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 01
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 1988-12-23 05:00:00
Finish Date: 1990-02-27 05:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 08
Site ID: 0800755
EPA ID: UT3213820894
Site Name: TOOELE ARMY DEPOT (NORTH AREA)
NPL: F
FF: Y
OU: 01
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 1990-02-28 05:00:00
Finish Date: 1991-10-01 04:00:00
Qual: Not reported
Current Action Lead: St Perf

CORRACTS:
Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: ENTIRE FACILITY
Corrective Action: GPRA - CORRECTIVE ACTION
Actual Date: Not reported
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 19871218
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 19911218
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED-ASSESSMENT WAS A RFA
Actual Date: 19871218
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: ENTIRE FACILITY
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Actual Date: 19980404
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 19970904
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: SWMU 44 (SUSPECTED RELEASE)
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19910107
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT

TOOELE ARMY DEPOT (Continued) **1000204113**

Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: SWMU 43 (SUSPECTED RELEASE)
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19910107
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: SWMU 39 (SUSPECTED RELEASE)
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19910107
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: SWMU 30 (KNOWN RELEASES)
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19910107
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
EPA ID: UT3213820894
Area Name: SWMU 25 (KNOWN RELEASES)
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19910107
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Click this hyperlink while viewing on your computer to access
485 additional CORRACTS: record(s) in the EDR Site Report.

RCRA-LQG:
Date Form Received by Agency: 20220223
Handler Name: TOOELE ARMY DEPOT
Handler Address: 1 TOOELE ARMY DEPOT
Handler City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Contact Name: KRISTYL BENTLEY

TOOELE ARMY DEPOT (Continued) **1000204113**

Contact Address:	TOOELE ARMY DEPOT
Contact City,State,Zip:	TOOELE, UT 84074
Contact Telephone:	435-833-3257
Contact Fax:	Not reported
Contact Email:	KRISTYL.BENTLEY.CIV@ARMY.MIL
Contact Title:	ENVIRONMENTAL ENGINEER
EPA Region:	08
Land Type:	Federal
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	TOOELE ARMY DEPOT
Mailing City,State,Zip:	TOOELE, UT 84074
Owner Name:	US ARMY, TOOELE ARMY DEPOT
Owner Type:	Federal
Operator Name:	US ARMY, TOOELE ARMY DEPOT
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	Yes
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Land Disposal, Incineration, Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Land Disposal, Incineration, Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Accomplished
Permit Renewals Workload Universe:	Incineration, Storage, Treatment
Permit Workload Universe:	Incineration, Storage, Treatment
Permit Progress Universe:	Land Disposal, Incineration, Storage, Treatment
Post-Closure Workload Universe:	Land Disposal
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Corrective Action Priority Ranking:	High
Environmental Control Indicator:	Yes
Institutional Control Indicator:	Yes
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Incineration, Storage, Treatment
Full Enforcement Universe:	Land Disposal, Incineration, Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220225
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

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Year: 2011

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Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D015
Waste Description: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D020
Waste Description: CHLORDANE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D032
Waste Description: HEXACHLOROBENZENE

Waste Code: D033
Waste Description: HEXACHLOROBUTADIENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D037
Waste Description: PENTACHLOROPHENOL

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D042
Waste Description: 2,4,6-TRICHLOROPHENOL

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

TOOELE ARMY DEPOT (Continued) **1000204113**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F010
Waste Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F012
Waste Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F014
Waste Description: Not Defined

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: F015
Waste Description: Not Defined

Waste Code: K001
Waste Description: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Waste Code: K045
Waste Description: SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.

Waste Code: K047
Waste Description: PINK/RED WATER FROM TNT OPERATIONS.

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P035
Waste Description: Not Defined

Waste Code: P037
Waste Description: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

Waste Code: P064
Waste Description: METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE

Waste Code: P069
Waste Description: 2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-

Waste Code: P071
Waste Description: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

Waste Code: P074
Waste Description: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

Waste Code: P088
Waste Description: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

Waste Code: P089
Waste Description: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

Waste Code: P090
Waste Description: Not Defined

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P106
Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: P113
Waste Description: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Waste Code: P120
Waste Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Waste Code: P121
Waste Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Waste Code: P123
Waste Description: TOXAPHENE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U003
Waste Description: ACETONITRILE (I,T)

Waste Code: U004
Waste Description: ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

Waste Code: U005
Waste Description: 2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL

Waste Code: U007
Waste Description: 2-PROPENAMIDE (OR) ACRYLAMIDE

Waste Code: U008
Waste Description: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

Waste Code: U009
Waste Description: 2-PROPENENITRILE (OR) ACRYLONITRILE

Waste Code: U012
Waste Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Waste Code: U013
Waste Description: Not Defined

Waste Code: U019
Waste Description: BENZENE (I,T)

Waste Code: U022
Waste Description: BENZO[A]PYRENE

Waste Code: U023
Waste Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U032
Waste Description: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

Waste Code: U036
Waste Description: 4,7-METHANO-1H-INDENE,
1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE,

TOOELE ARMY DEPOT (Continued) **1000204113**

ALPHA & GAMMA ISOMERS

Waste Code: U039
Waste Description: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

Waste Code: U041
Waste Description: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

Waste Code: U043
Waste Description: ETHENE, CHLORO- (OR) VINYL CHLORIDE

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U051
Waste Description: CREOSOTE

Waste Code: U052
Waste Description: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Waste Code: U055
Waste Description: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

Waste Code: U056
Waste Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Waste Code: U069
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

Waste Code: U075
Waste Description: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Waste Code: U076
Waste Description: ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE

Waste Code: U078
Waste Description: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U088
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

Waste Code: U092
Waste Description: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

Waste Code: U101
Waste Description: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

Waste Code: U108
Waste Description: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

Waste Code: U110
Waste Description: 1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)

Waste Code: U115

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Description: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

Waste Code: U121
Waste Description: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U124
Waste Description: FURAN (I) (OR) FURFURAN (I)

Waste Code: U126
Waste Description: GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE

Waste Code: U127
Waste Description: BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE

Waste Code: U130
Waste Description: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

Waste Code: U131
Waste Description: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U135
Waste Description: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

Waste Code: U140
Waste Description: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

Waste Code: U144
Waste Description: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U155
Waste Description: 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE

Waste Code: U159
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U160
Waste Description: 2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)

Waste Code: U164
Waste Description: 4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR)

TOOELE ARMY DEPOT (Continued) **1000204113**

METHYLTHIOURACIL

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U167
Waste Description: 1-NAPTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE

Waste Code: U168
Waste Description: 2-NAPTHALENAMINE (OR) BETA-NAPHTHYLAMINE

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U187
Waste Description: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

Waste Code: U188
Waste Description: PHENOL

Waste Code: U190
Waste Description: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Waste Code: U196
Waste Description: PYRIDINE

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U211
Waste Description: CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-

Waste Code: U212
Waste Description: Not Defined

Waste Code: U213
Waste Description: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

Waste Code: U214
Waste Description: ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE

Waste Code: U215
Waste Description: CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE

Waste Code: U216
Waste Description: THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE

Waste Code: U217
Waste Description: NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U223
Waste Description: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: U225
Waste Description: BROMOFORM (OR) METHANE, TRIBROMO-

Waste Code: U226
Waste Description: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Waste Code: U233
Waste Description: Not Defined

Waste Code: U238
Waste Description: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U242
Waste Description: Not Defined

Waste Code: U328
Waste Description: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: TOOELE ARMY DEPOT
Legal Status: Federal
Date Became Current: 20130711
Date Ended Current: Not reported
Owner/Operator Address: 1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip: TOOELE, UT 84074
Owner/Operator Telephone: 435-833-3257
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: US ARMY, TOOELE ARMY DEPOT
Legal Status: Federal
Date Became Current: 19420401
Date Ended Current: Not reported
Owner/Operator Address: 1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip: TOOELE, UT 84074
Owner/Operator Telephone: 435-833-3257
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: YOLANDA C. DENNIS-LOWMAN, COL
Legal Status: Federal
Date Became Current: 20080708
Date Ended Current: Not reported
Owner/Operator Address: 1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip: TOOELE, UT 84074

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAROL L. RIPLEY, LTC
Legal Status:	Federal
Date Became Current:	20040715
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	20130711
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708

TOOELE ARMY DEPOT (Continued) **1000204113**

Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	SJMTE-CO
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARNOLD P. MONTGOMERY. LTC
Legal Status:	Federal
Date Became Current:	20010729
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNE L. DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	SJMTE-CO
Owner/Operator City,State,Zip:	TOOELE, UT 84074

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	20130711
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3257
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLONEL JERRY K PATTERSON
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TOOLE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	801-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708

TOOELE ARMY DEPOT (Continued) **1000204113**

Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	20130711
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARNOLD P. MONTGOMERY, LTC
Legal Status:	Federal
Date Became Current:	20010729
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLONEL JERRY K PATTERSON
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TOOLE ARMY DEPOT
Owner/Operator City,State,Zip:	UT
Owner/Operator Telephone:	801-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAROL L. RIPLEY, LTC
Legal Status:	Federal
Date Became Current:	20040715
Date Ended Current:	Not reported
Owner/Operator Address:	SJMTE-CS
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANNE L. DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19801101
Handler Name:	TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20100505
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120305
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140228
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160301
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180221
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Receive Date:	20200226
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20220223
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19911203
Handler Name:	TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19800818
Handler Name:	TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20100218
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes

TOOELE ARMY DEPOT (Continued) **1000204113**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120614
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150401
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150611
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900301
Handler Name: TOOELE ARMY DEPOT NORTH AREA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920325
Handler Name: TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: TOOELE ARMY DEPOT - NORTH
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960224
Handler Name: TOOELE ARMY DEPOT - NORTH AREA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980803
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010521
Handler Name: TOOELE ARMY DEPOT

TOOELE ARMY DEPOT (Continued) **1000204113**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020319
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040209
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060119
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20080221
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332431
NAICS Description: METAL CAN MANUFACTURING

NAICS Code: 333618
NAICS Description: OTHER ENGINE EQUIPMENT MANUFACTURING

NAICS Code: 561621
NAICS Description: SECURITY SYSTEMS SERVICES (EXCEPT LOCKSMITHS)

NAICS Code: 92811
NAICS Description: NATIONAL SECURITY

NAICS Code: 928110
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20190429
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20200427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20153
Paid Amount:	20153
Final Count:	1
Final Amount:	20153
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19981214
Actual Return to Compliance Date:	19990122
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19990122
Enforcement Identifier:	000
Date of Enforcement Action:	19981214
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	HG
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20190912
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20190912
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19850313
Actual Return to Compliance Date:	19860113
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19850903
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	20061206
Actual Return to Compliance Date:	20070111
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070329
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10555
Paid Amount:	10555
Final Count:	1
Final Amount:	10555

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20070103
Enforcement Identifier: 001
Date of Enforcement Action: 20061206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20210714
Actual Return to Compliance Date: 20210805
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20210714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	19910813
Actual Return to Compliance Date:	19920813
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19940216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	BCM
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 19831115
Actual Return to Compliance Date: 19831210
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19831210
Enforcement Identifier: 001
Date of Enforcement Action: 19831202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Specific - Boilers and Industrial Furnaces
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	12348
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12348
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20061206
Actual Return to Compliance Date:	20070111
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070329
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10555
Paid Amount:	10555
Final Count:	1
Final Amount:	10555
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19991231
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19940216
Actual Return to Compliance Date:	19951227
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940816
Enforcement Identifier:	000
Date of Enforcement Action:	19940216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	BCM
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20170202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20170123
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20151117
Actual Return to Compliance Date: 20151117
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20151117
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19850313
Actual Return to Compliance Date:	19860113
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19850903
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20051208
Actual Return to Compliance Date:	20060113
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20060413
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	6135
Paid Amount:	6135
Final Count:	1
Final Amount:	6135
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20001231
Actual Return to Compliance Date:	20010425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20001231
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	013
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20030930
Actual Return to Compliance Date:	20040114
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20031123
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19850313
Actual Return to Compliance Date:	19860113
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19850916
Enforcement Identifier:	003
Date of Enforcement Action:	19850802
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880208
Actual Return to Compliance Date:	19880418
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19880415
Enforcement Identifier:	009
Date of Enforcement Action:	19880215
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: 12348
Paid Amount: Not reported
Final Count: 1
Final Amount: 12348

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19940216
Actual Return to Compliance Date: 19951227
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: 19940816
Enforcement Identifier: 000
Date of Enforcement Action: 19940216
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: BCM
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	012
Date of Enforcement Action:	19900329
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20190912
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20200427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20153
Paid Amount:	20153
Final Count:	1
Final Amount:	20153
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	013
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20051208
Actual Return to Compliance Date:	20060113
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20060113
Enforcement Identifier:	001
Date of Enforcement Action:	20051208
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20201029
Actual Return to Compliance Date:	20201124
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20201029
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20101006
Actual Return to Compliance Date:	20101209
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20110121
Enforcement Identifier:	001
Date of Enforcement Action:	20101123
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Miscellaneous Unit Standards
Date Violation was Determined:	20060707
Actual Return to Compliance Date:	20060808
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20061121
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	1890
Paid Amount:	1890
Final Count:	1
Final Amount:	1890
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20151117
Actual Return to Compliance Date:	20151117
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20151117
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - Conditions
Date Violation was Determined:	20060707
Actual Return to Compliance Date:	20060808
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20060810
Enforcement Identifier:	001
Date of Enforcement Action:	20060707
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20210714
Actual Return to Compliance Date:	20210805
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210714
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	20061206
Actual Return to Compliance Date:	20070111
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070103
Enforcement Identifier:	001
Date of Enforcement Action:	20061206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	013
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19850521
Actual Return to Compliance Date:	19860304
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19860313
Enforcement Identifier:	006
Date of Enforcement Action:	19860113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	1
SEP Expenditure Amount:	30000
SEP Scheduled Completion Date:	19931127
SEP Actual Date:	19931127
SEP Defaulted Date:	Not reported
SEP Type:	ERE
SEP Type Description:	Environmental Restoration
Proposed Amount:	42000

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	42000
Paid Amount:	24000
Final Count:	1
Final Amount:	42000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Conditions
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20061121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	1890
Paid Amount:	1890
Final Count:	1
Final Amount:	1890
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20101006
Actual Return to Compliance Date:	20101209
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20110121
Enforcement Identifier:	001
Date of Enforcement Action:	20101123
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Miscellaneous Unit Standards
Date Violation was Determined:	20060707
Actual Return to Compliance Date:	20060808
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20060810
Enforcement Identifier:	001
Date of Enforcement Action:	20060707
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20210714
Actual Return to Compliance Date: 20210805
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20210714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20001231
Actual Return to Compliance Date:	20010425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20001231
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19850313
Actual Return to Compliance Date:	19860113
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19850903
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20151117
Actual Return to Compliance Date:	20151117
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20151117
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 19850110
Actual Return to Compliance Date: 19850204
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19850204
Enforcement Identifier: 002
Date of Enforcement Action: 19850204
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20011206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	26720
Paid Amount:	26720
Final Count:	1
Final Amount:	26720

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	19940216
Actual Return to Compliance Date:	19951227
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940816
Enforcement Identifier:	000
Date of Enforcement Action:	19940216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	BCM
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20161206
Actual Return to Compliance Date:	20161206
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20161206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20061206
Actual Return to Compliance Date:	20070111
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20070103
Enforcement Identifier:	001
Date of Enforcement Action:	20061206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20190429
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20190912
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Unknown
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19940216
Actual Return to Compliance Date:	19951227
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940816
Enforcement Identifier:	000
Date of Enforcement Action:	19940216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	BCM
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20111101
Actual Return to Compliance Date:	20120117
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20120120
Enforcement Identifier:	001
Date of Enforcement Action:	20111128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20190912
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20200427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	20153
Paid Amount:	20153
Final Count:	1
Final Amount:	20153
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12348
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12348
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12348
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12348

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20150112
Actual Return to Compliance Date:	20150126
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20150126
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20210714
Actual Return to Compliance Date:	20210805
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210714
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19860508
Actual Return to Compliance Date:	19870508
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20170202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20170123
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20161206
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20150112
Actual Return to Compliance Date: 20150126
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20150126
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20171111
Enforcement Identifier:	001
Date of Enforcement Action:	20171011
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19860508
Actual Return to Compliance Date: 19870508
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20101006
Actual Return to Compliance Date:	20101209
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20110121
Enforcement Identifier:	001
Date of Enforcement Action:	20101123
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20051208
Actual Return to Compliance Date:	20060113
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20060413
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6135
Paid Amount:	6135
Final Count:	1
Final Amount:	6135
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20100817
Actual Return to Compliance Date:	20100907
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20100917
Enforcement Identifier:	001
Date of Enforcement Action:	20100817
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19870721
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20001231
Actual Return to Compliance Date:	20010425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20001231
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19940216
Actual Return to Compliance Date:	19951227
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940816
Enforcement Identifier:	000
Date of Enforcement Action:	19940216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	BCM
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20001231
Actual Return to Compliance Date:	20010425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20011206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	26720
Paid Amount:	26720
Final Count:	1
Final Amount:	26720
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19991231
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	20080730
Actual Return to Compliance Date:	20081119
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080828
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20030930
Actual Return to Compliance Date:	20040114
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20031123
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20001231
Actual Return to Compliance Date:	20010425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20011206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	26720
Paid Amount:	26720
Final Count:	1
Final Amount:	26720
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20201029
Actual Return to Compliance Date:	20201124
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20201029
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20201029
Actual Return to Compliance Date:	20201124
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20201029
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Miscellaneous Unit Standards
Date Violation was Determined:	20060707
Actual Return to Compliance Date:	20060808
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20060810
Enforcement Identifier:	001
Date of Enforcement Action:	20060707
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20201029
Actual Return to Compliance Date:	20201124
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20201029
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	013
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	20020920
Actual Return to Compliance Date:	20020930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20020920
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20171111
Enforcement Identifier:	001
Date of Enforcement Action:	20171011
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20111101
Actual Return to Compliance Date: 20120117
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20120120
Enforcement Identifier: 001
Date of Enforcement Action: 20111128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20161206
Actual Return to Compliance Date:	20161206
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20161206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	013
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19810327
Actual Return to Compliance Date:	19810605
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20190912
Actual Return to Compliance Date: 20190926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20190912
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20070103
Enforcement Identifier: 001
Date of Enforcement Action: 20061206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20171111
Enforcement Identifier:	001
Date of Enforcement Action:	20171011
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20051208
Actual Return to Compliance Date: 20060113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060413
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6135
Paid Amount:	6135
Final Count:	1
Final Amount:	6135

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20001231
Actual Return to Compliance Date:	20010425
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20001231
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	RDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19850313
Actual Return to Compliance Date:	19860113
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	19850903
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20210714
Actual Return to Compliance Date:	20210805
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210714
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	20061206
Actual Return to Compliance Date:	20070111
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070329
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10555
Paid Amount:	10555
Final Count:	1
Final Amount:	10555
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20201029
Actual Return to Compliance Date:	20201124
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20201029
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 012
Date of Enforcement Action: 19900329
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12348
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12348
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20011206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	26720
Paid Amount:	26720
Final Count:	1
Final Amount:	26720

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Miscellaneous Unit Standards
Date Violation was Determined:	20060707
Actual Return to Compliance Date:	20060808
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20061121
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	CDR
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	1890
Paid Amount:	1890
Final Count:	1
Final Amount:	1890
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20101006
Actual Return to Compliance Date:	20101209
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20110121
Enforcement Identifier:	001
Date of Enforcement Action:	20101123
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20061206
Actual Return to Compliance Date:	20070111
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070329
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	10555
Paid Amount:	10555
Final Count:	1
Final Amount:	10555

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	013
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20051208
Actual Return to Compliance Date:	20060113
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20051208
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20151117
Actual Return to Compliance Date:	20151221
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20151117
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Specific - Boilers and Industrial Furnaces
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20171111
Enforcement Identifier:	001
Date of Enforcement Action:	20171011
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19901015
Enforcement Identifier:	000
Date of Enforcement Action:	19900824
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UT
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	XXX
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20150112
Actual Return to Compliance Date:	20150126
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20150126
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	TIB
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20171111
Enforcement Identifier:	001
Date of Enforcement Action:	20171011
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 010
Date of Enforcement Action: 19910916
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20060928
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CDR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090811
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980910
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19990122
Scheduled Compliance Date:	19990122
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010508
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8LSJ
Evaluation Responsible Sub-Organization:	E
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950918
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20211102
Evaluation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	AJW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061106
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160919
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8LSJ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070912
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920813
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19851120
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19831115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19831210
Scheduled Compliance Date:	19831210
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	19991231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940623
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCM
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19851106
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170202
Scheduled Compliance Date:	20170123
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151117
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100824
Evaluation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19881003
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050914
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050515
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	HZ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040114
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	19850916
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880208
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880418
Scheduled Compliance Date:	19880415
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R8MP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190429
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20190926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900205
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: UTJES
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910411
Scheduled Compliance Date: 19901015
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20050914
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CDR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20060113
Scheduled Compliance Date: 20060113
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200817
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20090512
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151117
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	20060810
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040830
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20010814
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19911126
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCM
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920318
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8JMA

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860304
Scheduled Compliance Date:	19860313
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20181220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: 20130228
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950927
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	20060810
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070329
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19850313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151117
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850110
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19850204
Scheduled Compliance Date:	19850204
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161206
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: 20130228
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061011
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20070111
Scheduled Compliance Date: 20070103
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190429
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20190926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20111130
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier: HG
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20000821
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8LSJ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20110919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120117
Scheduled Compliance Date:	20120120
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850114
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20140916
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20150126
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910813
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	BCM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19870508
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170202
Scheduled Compliance Date:	20170123
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860508
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	XXX
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20181220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20160919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TIB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20161206
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140916
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TIB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20150126
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R8MP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200817
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19870508

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100621
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20100907
Scheduled Compliance Date:	20100917
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20010321
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19870721
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8RRL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920318
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCM

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	19991231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080603
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20081119
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850314
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040114
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070522
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20130903
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	20060810
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190502
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	RBR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020806
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020930
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970820
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170522
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20171107
Scheduled Compliance Date: 20171111
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200817
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20201124
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120117
Scheduled Compliance Date: 20120120
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20000821
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161206
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19881003
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19810327
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19810605
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860109
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	XXX
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010123
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19870211
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20181220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061106
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20070111
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200817
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20201124
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R8MP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170522
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19851120
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860304
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20050928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151221
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960326
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110907
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140916
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20150126
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850521
Evaluation Responsible Agency: EPA-Initiated Oversight/Observation/Training Actions
Found Violation: No
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: 20130228
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R8MP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

RCRA-LQG:

Date Form Received by Agency:		20220223
Handler Name:	TOOELE ARMY DEPOT	
Handler Address:		1 TOOELE ARMY DEPOT
Handler City,State,Zip:		TOOELE, UT 84074
EPA ID:		UT3213820894
Contact Name:		KRISTYL BENTLEY
Contact Address:		TOOELE ARMY DEPOT
Contact City,State,Zip:		TOOELE, UT 84074
Contact Telephone:		435-833-3257
Contact Fax:		Not reported
Contact Email:		KRISTYL.BENTLEY.CIV@ARMY.MIL
Contact Title:		ENVIRONMENTAL ENGINEER
EPA Region:		08
Land Type:		Federal
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2021
Accessibility:		Not reported
Active Site Indicator:		Handler Activities, Permitting Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		TOOELE ARMY DEPOT
Mailing City,State,Zip:		TOOELE, UT 84074
Owner Name:		US ARMY, TOOELE ARMY DEPOT
Owner Type:		Federal
Operator Name:		US ARMY, TOOELE ARMY DEPOT
Operator Type:		Federal
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		Yes
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		Yes
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Land Disposal, Incineration, Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Land Disposal, Incineration, Storage, Treatment
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Accomplished
Permit Renewals Workload Universe:		Incineration, Storage, Treatment
Permit Workload Universe:		Incineration, Storage, Treatment
Permit Progress Universe:		Land Disposal, Incineration, Storage, Treatment
Post-Closure Workload Universe:		Land Disposal

TOOELE ARMY DEPOT (Continued) **1000204113**

Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	Yes
Institutional Control Indicator:	Yes
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Incineration, Storage, Treatment
Full Enforcement Universe:	Land Disposal, Incineration, Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220225
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

TOOELE ARMY DEPOT (Continued) **1000204113**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D025

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D032
Waste Description: HEXACHLOROBENZENE

Waste Code: D033
Waste Description: HEXACHLOROBUTADIENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D037
Waste Description: PENTACHLOROPHENOL

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D042
Waste Description: 2,4,6-TRICHLOROPHENOL

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE

TOOELE ARMY DEPOT (Continued) **1000204113**

USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F010
Waste Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING

TOOELE ARMY DEPOT (Continued) **1000204113**

OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F012
Waste Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F014
Waste Description: Not Defined

Waste Code: F015
Waste Description: Not Defined

Waste Code: K001
Waste Description: BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATERS FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Waste Code: K045
Waste Description: SPENT CARBON FROM THE TREATMENT OF WASTEWATER CONTAINING EXPLOSIVES.

Waste Code: K047
Waste Description: PINK/RED WATER FROM TNT OPERATIONS.

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P030
Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P035
Waste Description: Not Defined

Waste Code: P037
Waste Description: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

Waste Code: P064
Waste Description: METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE

Waste Code: P069
Waste Description: 2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-

Waste Code: P071
Waste Description: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

Waste Code: P074
Waste Description: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

Waste Code: P088
Waste Description: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

Waste Code: P089
Waste Description: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: P090
Waste Description: Not Defined

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P106
Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Waste Code: P113
Waste Description: THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3

Waste Code: P120
Waste Description: VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE

Waste Code: P121
Waste Description: ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2

Waste Code: P123
Waste Description: TOXAPHENE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U003
Waste Description: ACETONITRILE (I,T)

Waste Code: U004
Waste Description: ACETOPHENONE (OR) ETHANONE, 1-PHENYL-

Waste Code: U005
Waste Description: 2-ACETYLAMINOFLUORENE (OR) ACETAMIDE, N-9H-FLUOREN-2-YL

Waste Code: U007
Waste Description: 2-PROPENAMIDE (OR) ACRYLAMIDE

Waste Code: U008
Waste Description: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

Waste Code: U009
Waste Description: 2-PROPENENITRILE (OR) ACRYLONITRILE

Waste Code: U012
Waste Description: ANILINE (I,T) (OR) BENZENAMINE (I,T)

Waste Code: U013
Waste Description: Not Defined

Waste Code: U019
Waste Description: BENZENE (I,T)

Waste Code: U022
Waste Description: BENZO[A]PYRENE

Waste Code: U023
Waste Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U032
Waste Description: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

Waste Code: U036
Waste Description: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS

Waste Code: U039
Waste Description: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

Waste Code: U041
Waste Description: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

Waste Code: U043
Waste Description: ETHENE, CHLORO- (OR) VINYL CHLORIDE

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U051
Waste Description: CREOSOTE

Waste Code: U052
Waste Description: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Waste Code: U055
Waste Description: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

Waste Code: U056
Waste Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

Waste Code: U069
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE

Waste Code: U075
Waste Description: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Waste Code: U076
Waste Description: ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE

Waste Code: U078
Waste Description: 1,1-DICHLOROETHYLENE (OR) ETHENE, 1,1-DICHLORO-

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U088
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE

Waste Code: U092
Waste Description: DIMETHYLAMINE (I) (OR) METHANAMINE, N-METHYL- (I)

Waste Code: U101

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Description: 2,4-DIMETHYLPHENOL (OR) PHENOL, 2,4-DIMETHYL-

Waste Code: U108
Waste Description: 1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE

Waste Code: U110
Waste Description: 1-PROPANIMINE, N-PROPYL-(I) (OR) DIPROPYLAMINE (I)

Waste Code: U115
Waste Description: ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)

Waste Code: U121
Waste Description: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U124
Waste Description: FURAN (I) (OR) FURFURAN (I)

Waste Code: U126
Waste Description: GLYCIDYLALDEHYDE (OR) OXIRANECARBOXYALDEHYDE

Waste Code: U127
Waste Description: BENZENE, HEXACHLORO- (OR) HEXACHLOROBENZENE

Waste Code: U130
Waste Description: 1,3-CYCLOPENTADIENE, 1,2,3,4,5,5-HEXACHLORO- (OR) HEXACHLOROCYCLOPENTADIENE

Waste Code: U131
Waste Description: ETHANE, HEXACHLORO- (OR) HEXACHLOROETHANE

Waste Code: U134
Waste Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Waste Code: U135
Waste Description: HYDROGEN SULFIDE (OR) HYDROGEN SULFIDE H2S

Waste Code: U140
Waste Description: 1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)

Waste Code: U144
Waste Description: ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U155
Waste Description: 1,2-ETHANEDIAMINE, N,N-DIMETHYL-N'-2-PYRIDINYL-N'-(2-THIENYLMETHYL)- (OR) METHAPYRILENE

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U160
Waste Description:	2-BUTANONE, PEROXIDE (R,T) (OR) METHYL ETHYL KETONE PEROXIDE (R,T)
Waste Code:	U164
Waste Description:	4(1H)-PYRIMIDINONE, 2,3-DIHYDRO-6-METHYL-2-THIOXO- (OR) METHYLTHIOURACIL
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U167
Waste Description:	1-NAPTHALENAMINE (OR) ALPHA-NAPHTHYLAMINE
Waste Code:	U168
Waste Description:	2-NAPTHALENAMINE (OR) BETA-NAPHTHYLAMINE
Waste Code:	U182
Waste Description:	1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE
Waste Code:	U187
Waste Description:	ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U190
Waste Description:	1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE
Waste Code:	U196
Waste Description:	PYRIDINE
Waste Code:	U200
Waste Description:	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U212
Waste Description:	Not Defined
Waste Code:	U213
Waste Description:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code:	U214
Waste Description:	ACETIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) ACETATE
Waste Code:	U215
Waste Description:	CARBONIC ACID, DITHALLIUM(1+) SALT (OR) THALLIUM(I) CARBONATE
Waste Code:	U216
Waste Description:	THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE

TOOELE ARMY DEPOT (Continued) **1000204113**

Waste Code: U217
Waste Description: NITRIC ACID, THALLIUM(1+) SALT (OR) THALLIUM(I) NITRATE

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U223
Waste Description: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)

Waste Code: U225
Waste Description: BROMOFORM (OR) METHANE, TRIBROMO-

Waste Code: U226
Waste Description: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Waste Code: U233
Waste Description: Not Defined

Waste Code: U238
Waste Description: CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U242
Waste Description: Not Defined

Waste Code: U328
Waste Description: BENZENAMINE, 2-METHYL- (OR) O-TOLUIDINE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: TOOELE ARMY DEPOT
Legal Status: Federal
Date Became Current: 20130711
Date Ended Current: Not reported
Owner/Operator Address: 1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip: TOOELE, UT 84074
Owner/Operator Telephone: 435-833-3257
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: US ARMY, TOOELE ARMY DEPOT
Legal Status: Federal
Date Became Current: 19420401
Date Ended Current: Not reported
Owner/Operator Address: 1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip: TOOELE, UT 84074
Owner/Operator Telephone: 435-833-3257
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAROL L. RIPLEY, LTC
Legal Status:	Federal
Date Became Current:	20040715
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	20130711
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712

TOOELE ARMY DEPOT (Continued) **1000204113**

Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	SJMTE-CO
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARNOLD P. MONTGOMERY. LTC
Legal Status:	Federal
Date Became Current:	20010729
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNE L. DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2761
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	SJMTE-CO
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRISTOPHER O. MOHAN, COL
Legal Status:	Federal
Date Became Current:	20110712
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNE L.DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	20130711
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3257
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLONEL JERRY K PATTERSON
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TOOLE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074

TOOELE ARMY DEPOT (Continued) **1000204113**

Owner/Operator Telephone:	801-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	YOLANDA C. DENNIS-LOWMAN, COL
Legal Status:	Federal
Date Became Current:	20080708
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	20130711
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-3211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARNOLD P. MONTGOMERY, LTC
Legal Status:	Federal
Date Became Current:	20010729
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COLONEL JERRY K PATTERSON
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TOOLE ARMY DEPOT
Owner/Operator City,State,Zip:	UT
Owner/Operator Telephone:	801-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401

TOOELE ARMY DEPOT (Continued) **1000204113**

Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	435-833-2211
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US ARMY, TOOELE ARMY DEPOT
Legal Status:	Federal
Date Became Current:	19420401
Date Ended Current:	Not reported
Owner/Operator Address:	1 TOOELE ARMY DEPOT
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAROL L. RIPLEY, LTC
Legal Status:	Federal
Date Became Current:	20040715
Date Ended Current:	Not reported
Owner/Operator Address:	SJMTE-CS
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANNE L. DAVIS, COLONEL
Legal Status:	Federal
Date Became Current:	20050713
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	TOOELE, UT 84074
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19801101
Handler Name:	TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Receive Date:	20100505
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20120305
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140228
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160301
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20180221
Handler Name: TOOELE ARMY DEPOT	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20200226
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20220223
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19911203
Handler Name:	TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19800818
Handler Name:	TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

TOOELE ARMY DEPOT (Continued) **1000204113**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100218
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120614
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150401
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150611
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900301
Handler Name: TOOELE ARMY DEPOT NORTH AREA

TOOELE ARMY DEPOT (Continued) **1000204113**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920325
Handler Name: TOOELE ARMY DEPOT (NORTH)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940330
Handler Name: TOOELE ARMY DEPOT - NORTH
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960224
Handler Name: TOOELE ARMY DEPOT - NORTH AREA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980803
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

TOOELE ARMY DEPOT (Continued) **1000204113**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010521
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020319
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040209
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060119
Handler Name:	TOOELE ARMY DEPOT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Receive Date: 20080221
Handler Name: TOOELE ARMY DEPOT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332431
NAICS Description: METAL CAN MANUFACTURING

NAICS Code: 333618
NAICS Description: OTHER ENGINE EQUIPMENT MANUFACTURING

NAICS Code: 561621
NAICS Description: SECURITY SYSTEMS SERVICES (EXCEPT LOCKSMITHS)

NAICS Code: 92811
NAICS Description: NATIONAL SECURITY

NAICS Code: 928110
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20190429
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20200427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20153
Paid Amount:	20153
Final Count:	1
Final Amount:	20153
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19981214
Actual Return to Compliance Date: 19990122
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19990122
Enforcement Identifier: 000
Date of Enforcement Action: 19981214
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: HG
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20190912
Actual Return to Compliance Date: 20190926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20190912
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19850313
Actual Return to Compliance Date: 19860113
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 19850903
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070329
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10555
Paid Amount: 10555
Final Count: 1
Final Amount: 10555

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20070103
Enforcement Identifier: 001
Date of Enforcement Action: 20061206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20210714
Actual Return to Compliance Date: 20210805
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20210714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	19910813
Actual Return to Compliance Date:	19920813
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19940216
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: BCM
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 19831115
Actual Return to Compliance Date: 19831210
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19831210
Enforcement Identifier: 001
Date of Enforcement Action: 19831202
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Specific - Boilers and Industrial Furnaces
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181204
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12348
Paid Amount: Not reported
Final Count: 1
Final Amount: 12348

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070329
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10555
Paid Amount: 10555
Final Count: 1
Final Amount: 10555

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 19991231
Enforcement Identifier: 010
Date of Enforcement Action: 19910916
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940216
Actual Return to Compliance Date: 19951227
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: 19940816
Enforcement Identifier: 000
Date of Enforcement Action: 19940216
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: BCM
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20170202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20170123
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20151117
Actual Return to Compliance Date: 20151117
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20151117
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 010
Date of Enforcement Action: 19910916
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19850313
Actual Return to Compliance Date: 19860113
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 19850903
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20051208
Actual Return to Compliance Date: 20060113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 20060413
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 6135
Paid Amount: 6135
Final Count: 1
Final Amount: 6135

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20001231
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 013
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20030930
Actual Return to Compliance Date: 20040114
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20031123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19850313
Actual Return to Compliance Date: 19860113
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19850916
Enforcement Identifier: 003
Date of Enforcement Action: 19850802
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19880208
Actual Return to Compliance Date: 19880418
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 19880415
Enforcement Identifier: 009
Date of Enforcement Action: 19880215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181204
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12348
Paid Amount: Not reported
Final Count: 1
Final Amount: 12348

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19940216
Actual Return to Compliance Date: 19951227
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: 19940816
Enforcement Identifier: 000
Date of Enforcement Action: 19940216
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: BCM
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 012
Date of Enforcement Action: 19900329
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20190912
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20200427
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20153
Paid Amount:	20153
Final Count:	1
Final Amount:	20153
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 19901015
Enforcement Identifier: 013
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20051208
Actual Return to Compliance Date: 20060113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20060113
Enforcement Identifier: 001
Date of Enforcement Action: 20051208
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Miscellaneous Unit Standards
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20061121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 1890
Paid Amount: 1890
Final Count: 1
Final Amount: 1890

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20151117
Actual Return to Compliance Date: 20151117
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20151117
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Conditions
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20060810
Enforcement Identifier: 001
Date of Enforcement Action: 20060707
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20210714
Actual Return to Compliance Date: 20210805
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20210714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20070103
Enforcement Identifier: 001
Date of Enforcement Action: 20061206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 013
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - Storage Prohibitions
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19850521
Actual Return to Compliance Date: 19860304
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19860313
Enforcement Identifier: 006
Date of Enforcement Action: 19860113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: 1

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: 30000
SEP Scheduled Completion Date: 19931127
SEP Actual Date: 19931127
SEP Defaulted Date: Not reported
SEP Type: ERE
SEP Type Description: Environmental Restoration
Proposed Amount: 42000
Final Monetary Amount: 42000
Paid Amount: 24000
Final Count: 1
Final Amount: 42000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 010
Date of Enforcement Action: 19910916
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - Conditions
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20061121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 1890
Paid Amount: 1890
Final Count: 1
Final Amount: 1890

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Miscellaneous Unit Standards
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20060810
Enforcement Identifier: 001
Date of Enforcement Action: 20060707
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20210714
Actual Return to Compliance Date: 20210805
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20210714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 11839
Paid Amount: 11839
Final Count: 1
Final Amount: 11839

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20001231
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19850313
Actual Return to Compliance Date: 19860113
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 19850903
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20151117
Actual Return to Compliance Date: 20151117
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20151117
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 19850110
Actual Return to Compliance Date: 19850204
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19850204
Enforcement Identifier: 002
Date of Enforcement Action: 19850204
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20011206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 26720
Paid Amount: 26720
Final Count: 1
Final Amount: 26720

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 11839
Paid Amount: 11839
Final Count: 1
Final Amount: 11839

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 19940216
Actual Return to Compliance Date: 19951227
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: 19940816
Enforcement Identifier: 000
Date of Enforcement Action: 19940216
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: BCM
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20161206
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20070103
Enforcement Identifier: 001
Date of Enforcement Action: 20061206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20190429
Actual Return to Compliance Date:	20190926
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20190912
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Unknown
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940216
Actual Return to Compliance Date: 19951227
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 19940816
Enforcement Identifier: 000
Date of Enforcement Action: 19940216
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UTRDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: BCM
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20111101
Actual Return to Compliance Date: 20120117
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20120120
Enforcement Identifier: 001
Date of Enforcement Action: 20111128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 11839
Paid Amount: 11839
Final Count: 1
Final Amount: 11839

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20190912
Actual Return to Compliance Date: 20190926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20200427
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20153
Paid Amount:	20153
Final Count:	1
Final Amount:	20153

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12348
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12348

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181204
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12348
Paid Amount: Not reported
Final Count: 1
Final Amount: 12348

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20150112
Actual Return to Compliance Date: 20150126
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20150126
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 11839
Paid Amount: 11839
Final Count: 1
Final Amount: 11839

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20210714
Actual Return to Compliance Date:	20210805
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20210714
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19860508
Actual Return to Compliance Date:	19870508
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20170202
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20170123
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20181128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20161206
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20150112
Actual Return to Compliance Date: 20150126
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20150126
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20171111
Enforcement Identifier: 001
Date of Enforcement Action: 20171011
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19860508
Actual Return to Compliance Date: 19870508
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Incinerator Standards
Date Violation was Determined:	20051208
Actual Return to Compliance Date:	20060113
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	20060413
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	6135
Paid Amount:	6135
Final Count:	1
Final Amount:	6135

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20100817
Actual Return to Compliance Date: 20100907
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20100917
Enforcement Identifier: 001
Date of Enforcement Action: 20100817
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19870721
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20001231
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19940216
Actual Return to Compliance Date:	19951227
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940816
Enforcement Identifier:	000
Date of Enforcement Action:	19940216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	UTRDW
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	BCM
Enforcement Responsible Sub-Organization:	HW
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20011206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 26720
Paid Amount: 26720
Final Count: 1
Final Amount: 26720

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19991231
Enforcement Identifier: 010
Date of Enforcement Action: 19910916
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - Storage Prohibitions
Date Violation was Determined: 20080730
Actual Return to Compliance Date: 20081119
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080828
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20030930
Actual Return to Compliance Date: 20040114
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20031123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20011206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 26720
Paid Amount: 26720
Final Count: 1
Final Amount: 26720

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Miscellaneous Unit Standards
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20060810
Enforcement Identifier: 001
Date of Enforcement Action: 20060707
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19900205
Actual Return to Compliance Date:	19910411
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 19901015
Enforcement Identifier: 013
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 20020920
Actual Return to Compliance Date: 20020930
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20020920
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20130625
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 11839
Paid Amount: 11839
Final Count: 1
Final Amount: 11839

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20171111
Enforcement Identifier: 001
Date of Enforcement Action: 20171011
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20111101
Actual Return to Compliance Date: 20120117
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	20120120
Enforcement Identifier:	001
Date of Enforcement Action:	20111128
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20161206
Actual Return to Compliance Date: 20161206
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20161206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20130228
Enforcement Identifier:	001
Date of Enforcement Action:	20130206
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 013
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19810327
Actual Return to Compliance Date: 19810605
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20190912
Actual Return to Compliance Date: 20190926
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20190912
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: 20070103
Enforcement Identifier: 001
Date of Enforcement Action: 20061206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20171111
Enforcement Identifier: 001
Date of Enforcement Action: 20171011
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20051208
Actual Return to Compliance Date: 20060113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060413
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 6135
Paid Amount: 6135
Final Count: 1
Final Amount: 6135

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20001231
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: HW
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19850313
Actual Return to Compliance Date: 19860113
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 19850903
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20210714
Actual Return to Compliance Date: 20210805
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20210714
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20181128
Actual Return to Compliance Date: 20181220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070329
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10555
Paid Amount: 10555
Final Count: 1
Final Amount: 10555

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20201029
Actual Return to Compliance Date: 20201124
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20201029
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 012
Date of Enforcement Action: 19900329
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181204
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12348
Paid Amount: Not reported
Final Count: 1
Final Amount: 12348

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20001231
Actual Return to Compliance Date: 20010425
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20011206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: RDW
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 26720
Paid Amount: 26720
Final Count: 1
Final Amount: 26720

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Miscellaneous Unit Standards
Date Violation was Determined: 20060707
Actual Return to Compliance Date: 20060808
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20061121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: CDR
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 1890
Paid Amount: 1890
Final Count: 1
Final Amount: 1890

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20101006
Actual Return to Compliance Date: 20101209
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20110121
Enforcement Identifier: 001
Date of Enforcement Action: 20101123
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20061206
Actual Return to Compliance Date: 20070111
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070329
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 10555
Paid Amount: 10555
Final Count: 1
Final Amount: 10555

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19880926
Actual Return to Compliance Date: 20010305
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 013
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Incinerator Standards
Date Violation was Determined: 20051208
Actual Return to Compliance Date: 20060113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 20051208
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20151117
Actual Return to Compliance Date: 20151221
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20151117
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Specific - Boilers and Industrial Furnaces
Date Violation was Determined:	20171011
Actual Return to Compliance Date:	20171107
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20171111
Enforcement Identifier:	001
Date of Enforcement Action:	20171011
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	RAP
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permit Condition or Requirement
Date Violation was Determined:	20181128
Actual Return to Compliance Date:	20181220
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20181128
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 19900205
Actual Return to Compliance Date: 19910411
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19901015
Enforcement Identifier: 000
Date of Enforcement Action: 19900824
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: UT
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: XXX
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	20150112
Actual Return to Compliance Date:	20150126
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20150126
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TIB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20171011
Actual Return to Compliance Date: 20171107
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20171111
Enforcement Identifier: 001
Date of Enforcement Action: 20171011
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: RAP
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - Storage Prohibitions
Date Violation was Determined:	20130107
Actual Return to Compliance Date:	20130225
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20130625
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	DMM
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	11839
Paid Amount:	11839
Final Count:	1
Final Amount:	11839
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20130107
Actual Return to Compliance Date: 20130225
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 20130228
Enforcement Identifier: 001
Date of Enforcement Action: 20130206
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: DMM
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19880926
Actual Return to Compliance Date:	20010305
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	010
Date of Enforcement Action:	19910916
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20060928
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190429
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20190926
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20090811
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19980910
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: JLP
Evaluation Responsible Sub-Organization: HW
Actual Return to Compliance Date: 19990122
Scheduled Compliance Date: 19990122
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20181220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010508
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8LSJ
Evaluation Responsible Sub-Organization:	E
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950918
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20211102
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	AJW
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061106
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20160919
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8LSJ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070912
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920813
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19851120
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19831115
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19831210
Scheduled Compliance Date:	19831210
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	19991231
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940623
Evaluation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCM
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19851106
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20170202
Scheduled Compliance Date:	20170123
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151117

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100824
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CORRECTIVE ACTION COMPLIANCE EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19881003
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050914
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050515
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier:	HZ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040114
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	19850916
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20181220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880208
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: UTJES
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880418
Scheduled Compliance Date: 19880415
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170522
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20171107
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930609
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: MDG
Evaluation Responsible Sub-Organization: HW
Actual Return to Compliance Date: 19951227
Scheduled Compliance Date: 19940816
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050914
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	20060113
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090512
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19990930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151117
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	20060810
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040830
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010814
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19911126
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	BCM
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920318
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8JMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850521
Evaluation Responsible Agency:	State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860304
Scheduled Compliance Date:	19860313
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950927
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	20060810
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20210510
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070329
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151117
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850110
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19850204
Scheduled Compliance Date:	19850204
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20130225
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930609
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: MDG
Evaluation Responsible Sub-Organization: HW
Actual Return to Compliance Date: 19951227
Scheduled Compliance Date: 19940816
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20160919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TIB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20161206
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900205
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: UTJES
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910411
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20111130
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20000821
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8LSJ
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120117
Scheduled Compliance Date:	20120120
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19850114
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140916
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20150126
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910813
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	BCM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20210510
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20210805
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850521
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19870508
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100817
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20101209
Scheduled Compliance Date: 20110121
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20160919
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TIB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20170202
Scheduled Compliance Date: 20170123
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19860508
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	XXX
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161206
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20140916
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20150126
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19850521
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19870508
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100621
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20100907
Scheduled Compliance Date:	20100917
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010321
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19870721
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8RRL
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930609
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	MDG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	19951227
Scheduled Compliance Date:	19940816
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920318
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: BCM
Evaluation Responsible Sub-Organization: HW
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20001231
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010425
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880926
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R8MP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010305
Scheduled Compliance Date: 19991231
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080603
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CDR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20081119
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850314
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20030930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040114
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070522
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20130903
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	20060810
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20200817
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20201124
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190502
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: OPERATION AND MAINTENANCE INSPECTION
Evaluation Responsible Person Identifier: RBR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900205
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: UTJES
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910411
Scheduled Compliance Date: 19901015
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20020806
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: CDR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20020930
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19970820
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	JLP
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20110919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120117

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	20120120
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20000821
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20160919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20161206
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19881003
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	19901015
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19810327
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19810605
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860109
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	XXX
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010123
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870211
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190429
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190926
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	20070103
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100817
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20101209
Scheduled Compliance Date: 20110121
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20050928
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20060113
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20001231
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010425
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850313
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19860113
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20210510
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20210805
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20180507
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20181220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061106
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20200817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20201124
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19851120
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	R8S
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860304
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	UTJES
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910411
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Date:	20001231
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010425
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060601
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CDR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060808
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100817
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20101209
Scheduled Compliance Date:	20110121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070111
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP

TOOELE ARMY DEPOT (Continued) **1000204113**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20060113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20150921
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	TIB
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20151221
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960326
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	HG
Evaluation Responsible Sub-Organization:	HW
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170522
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20180507
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RAP
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20181220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900205
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: UTJES
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910411
Scheduled Compliance Date: 19901015
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110907
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: DMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140916
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: TIB
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20150126
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170522
Evaluation Responsible Agency: State

TOOELE ARMY DEPOT (Continued) **1000204113**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RAP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20171107
Scheduled Compliance Date:	20171111
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19850521
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120919
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20130225
Scheduled Compliance Date:	20130228
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880926
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R8MP
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010305

TOOELE ARMY DEPOT (Continued) **1000204113**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

SIte:

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
Event Code:	Not reported
Action Taken Date:	12/08/2013
EPA ID:	UT3213820894
Action Name:	Record of Decision
Action ID:	12
Operable Unit:	16
Contaminated Media:	Soil
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2014
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

Media:

EPA ID:	UT3213820894
Contaminated Media:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Action Name:	Not reported
Action Taken Date:	Not reported
Event Code:	CA770GW
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

EPA ID:	UT3213820894
Contaminated Media:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Action Name:	Not reported
Action Taken Date:	Not reported
Event Code:	CA770NG
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

EPA ID:	UT3213820894
Contaminated Media:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Action Name:	Not reported
Action Taken Date:	Not reported
Event Code:	CA770NG
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	ENGINEERING CONTROLS ESTABLISHED-NON-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

EPA ID:	UT3213820894
Contaminated Media:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Action Name:	Not reported
Action Taken Date:	Not reported
Event Code:	CA770GW
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

EPA ID:	UT3213820894
Contaminated Media:	Debris
Action ID:	1
Operable Unit:	08
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/01/2010
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2010
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	08
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/01/2010

TOOELE ARMY DEPOT (Continued) **1000204113**

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2010
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Buildings/Structures
Action ID:	1
Operable Unit:	06
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	2
Operable Unit:	07
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	3
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994

TOOELE ARMY DEPOT (Continued) **1000204113**

NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	3
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Solid Waste
Action ID:	3
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Solid Waste
Action ID:	3
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Contaminated Media:	Soil
Action ID:	3
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Solid Waste
Action ID:	3
Operable Unit:	10
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Buildings/Structures
Action ID:	4
Operable Unit:	05
Action Name:	Record of Decision
Action Taken Date:	09/30/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	6
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	12/02/2002
Event Code:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2003
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	9
Operable Unit:	09
Action Name:	Record of Decision
Action Taken Date:	09/30/2008
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2008
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	9
Operable Unit:	09
Action Name:	Record of Decision
Action Taken Date:	09/30/2008
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2008
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Soil
Action ID:	9
Operable Unit:	09
Action Name:	Record of Decision
Action Taken Date:	09/30/2008
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2008
NPL Status:	Currently on the Final NPL

TOOELE ARMY DEPOT (Continued) **1000204113**

Superfund Alternative Agreement: N
Latitude: +40.526461
Longitude: -112.410368

EPA ID: UT3213820894
Contaminated Media: Soil
Action ID: 10
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 02/10/2004
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2004
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.526461
Longitude: -112.410368

EPA ID: UT3213820894
Contaminated Media: Soil
Action ID: 10
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 02/10/2004
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2004
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.526461
Longitude: -112.410368

EPA ID: UT3213820894
Contaminated Media: Soil
Action ID: 10
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 02/10/2004
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2004
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +40.526461
Longitude: -112.410368

EPA ID: UT3213820894
Contaminated Media: Soil

TOOELE ARMY DEPOT (Continued) **1000204113**

Action ID:	12
Operable Unit:	16
Action Name:	Record of Decision
Action Taken Date:	12/08/2013
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2014
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

EPA ID:	UT3213820894
Contaminated Media:	Solid Waste
Action ID:	12
Operable Unit:	16
Action Name:	Record of Decision
Action Taken Date:	12/08/2013
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2014
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

US INST CONTROLS:

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Record of Decision
Action ID:	6
Operable Unit:	04
Actual Date:	12/02/2002
Contaminated Media:	Soil
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2003
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36

TOOELE ARMY DEPOT (Continued) **1000204113**

Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Record of Decision
Action ID:	9
Operable Unit:	09
Actual Date:	09/30/2008
Contaminated Media:	Soil
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2008
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Record of Decision
Action ID:	10
Operable Unit:	08
Actual Date:	02/10/2004
Contaminated Media:	Soil
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2004
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Record of Decision
Action ID:	9
Operable Unit:	09
Actual Date:	09/30/2008
Contaminated Media:	Groundwater
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2008
NPL Status:	Currently on the Final NPL

TOOELE ARMY DEPOT (Continued) **1000204113**

Superfund Alternative Agreement:	N
Latitude:	+40.526461
Longitude:	-112.410368
Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP

TOOELE ARMY DEPOT (Continued) **1000204113**

Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772GC
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-GOVERNMENTAL CONTROL
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772EP
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894

TOOELE ARMY DEPOT (Continued) **1000204113**

Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772EP
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772EP
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Contaminated Media: Not reported
Event Code: CA772EP
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772EP
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772EP
Contact Name: KRISTYL BENTLEY
Contact Telephone: 435-833-3257
Event: INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Name: TOOELE ARMY DEPOT
Address: 1 TOOELE ARMY DEPOT
Address 2: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Name:	TOOELE ARMY DEPOT
Address:	1 TOOELE ARMY DEPOT
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
Action Name:	Not reported
Action ID:	Not reported
Operable Unit:	Not reported
Actual Date:	Not reported
Contaminated Media:	Not reported
Event Code:	CA772EP
Contact Name:	KRISTYL BENTLEY
Contact Telephone:	435-833-3257
Event:	INSTITUTIONAL CONTROLS ESTABLISHED-ENFORCEMENT AND PERMIT TOOLS
Federal Facility:	Not reported
Fiscal Year:	Not reported
NPL Status:	Not reported
Superfund Alternative Agreement:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Latitude: Not reported
Longitude: Not reported

2020 COR ACTION:
EPA ID: UT3213820894
Region: 8
Action: Not reported

ROD:
Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ESD
Operable Unit Number: WASHOUT POND
SEQ ID: 1
Action Completion: 2010-04-01 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD
Operable Unit Number: MMRP SITES
SEQ ID: 11
Action Completion: 2018-06-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: LOW LEVEL RADIOACTIVE WASTE
SEQ ID: 1
Action Completion: 1994-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: PCB TRANSFORMER FIRE

TOOELE ARMY DEPOT (Continued) **1000204113**

SEQ ID: 2
Action Completion: 1994-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: BOX ELDER WASH-DRUM SITE
SEQ ID: 3
Action Completion: 1994-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: PCB SOURCE AREAS
SEQ ID: 4
Action Completion: 1994-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: PCB SPILL SITE/PCB BOXING AREA
SEQ ID: 6
Action Completion: 2002-12-02 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
EPA ID: UT3213820894
RG: 8
Site ID: 800755
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: AED TEST RANGE
SEQ ID: 9
Action Completion: 2008-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
RG:	8
Site ID:	800755
Action:	FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number:	WASHOUT POND
SEQ ID:	10
Action Completion:	2004-02-10 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	TOOELE ARMY DEPOT (NORTH AREA)
Address:	3 MI S OF TOOELE ON HWY 36
City,State,Zip:	TOOELE, UT 84074
EPA ID:	UT3213820894
RG:	8
Site ID:	800755
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	MMRP SUBSET
SEQ ID:	12
Action Completion:	2013-12-08 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

PRP:

PRP Name:	US ARMY

PADS:

Name:	TOOELE ARMY DEPOT
Address:	HWY 36, BLDG 528-N. OF MAIN AMMO RD
Address 2:	Not reported
City,State,Zip:	TOOELE, UT 84074
EDR ID:	1000204113
EPAID:	UT3213820894
Region:	8
Generator:	Y
Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N
Mailing Address:	ATTN: SDSTE-IRE, BUILDING 113
Mailing Address 2:	Not reported
Mailing City:	TOOELE
Mailing State:	UT
Mailing Zip:	84074
Mailing Country:	US
Owner Name:	DEPARTMENT OF THE ARMY
Certification Date:	09/08/1992
Contact Name:	MICHAEL D SAUPE
Contact Title:	Not reported
Contact Telephone:	801-833-3504
Contact Text:	Not reported
Contact Email:	Not reported

TOOELE ARMY DEPOT (Continued) **1000204113**

DOCKET HWC:
Agency: ARMY
Facility ID: UT3213820894
Name: TOOELE ARMY DEPOT (NORTH AREA)
Address: 3 MI S OF TOOELE ON HWY 36
City,State,Zip: TOOELE, UT 84074
Reporting Mechanism: CERCLA 103
Status: On MDL
Added Date: 7/1/2002

---

1 **BAUER DUMP** **SEMS-ARCHIVE** **1000210324**
East **US HIGHWAY 36** **PRP** **UTD980514186**
< 1/8 **STOCKTON, UT 84071**
0.022 mi.
117 ft.

Relative:
Higher

Actual:
4948 ft.

SEMS Archive:
Site ID: 0800658
EPA ID: UTD980514186
Name: BAUER DUMP
Address: US HIGHWAY 36
Address 2: Not reported
City,State,Zip: STOCKTON, UT 84071
Cong District: 02
FIPS Code: 49045
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 08
Site ID: 0800658
EPA ID: UTD980514186
Site Name: BAUER DUMP
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 2002-01-15 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 08
Site ID: 0800658
EPA ID: UTD980514186
Site Name: BAUER DUMP
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1991-03-12 05:00:00
Qual: H

BAUER DUMP (Continued) **1000210324**

Current Action Lead: EPA Perf

Region: 08
Site ID: 0800658
EPA ID: UTD980514186
Site Name: BAUER DUMP
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1979-11-01 05:00:00
Finish Date: 1979-11-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 08
Site ID: 0800658
EPA ID: UTD980514186
Site Name: BAUER DUMP
NPL: N
FF: N
OU: 00
Action Code: ES
Action Name: ESI
SEQ: 1
Start Date: 1994-11-02 05:00:00
Finish Date: 1999-06-11 04:00:00
Qual: N
Current Action Lead: St Perf

Region: 08
Site ID: 0800658
EPA ID: UTD980514186
Site Name: BAUER DUMP
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-12-01 06:00:00
Qual: L
Current Action Lead: St Perf

PRP:
PRP Name: STOCKTON CONSOLIDATE MINES, INC.

2
NE
< 1/8
0.032 mi.
168 ft.

BLACKHAWK RESIN AND CHEMICAL CO.
BAUER
STOCKTON, UT 84071

SEMS-ARCHIVE

1003877605
UTD980960082

Relative:
Higher

Actual:
4942 ft.

SEMS Archive:

Site ID:	0800729
EPA ID:	UTD980960082
Name:	BLACKHAWK RESIN AND CHEMICAL CO.
Address:	BAUER
Address 2:	Not reported
City,State,Zip:	STOCKTON, UT 84071
Cong District:	01
FIPS Code:	49045
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	08
Site ID:	0800729
EPA ID:	UTD980960082
Site Name:	BLACKHAWK RESIN AND CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2000-01-12 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	08
Site ID:	0800729
EPA ID:	UTD980960082
Site Name:	BLACKHAWK RESIN AND CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-03-12 05:00:00
Qual:	H
Current Action Lead:	EPA Perf

Region:	08
Site ID:	0800729
EPA ID:	UTD980960082
Site Name:	BLACKHAWK RESIN AND CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1

BLACKHAWK RESIN AND CHEMICAL CO. (Continued) **1003877605**

Start Date:	1979-11-01 05:00:00
Finish Date:	1979-11-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0800729
EPA ID:	UTD980960082
Site Name:	BLACKHAWK RESIN AND CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1979-11-28 05:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	08
Site ID:	0800729
EPA ID:	UTD980960082
Site Name:	BLACKHAWK RESIN AND CHEMICAL CO.
NPL:	N
FF:	N
OU:	00
Action Code:	ES
Action Name:	ESI
SEQ:	1
Start Date:	1994-11-02 05:00:00
Finish Date:	1999-06-11 04:00:00
Qual:	N
Current Action Lead:	St Perf

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3 **TOOELE CO.** **SWF/LF** **S113452715**
East **N/A**
1/8-1/4 **TOOELE (County), UT**
0.163 mi.
859 ft.

Relative:
Higher

Actual:
5101 ft.

SWF/LF:

Facility ID:	Not reported
Name:	TOOELE CO.
Address:	Not reported
City,State,Zip:	UT
Facility Phone:	Not reported
Municipal Cubic Yards:	Not reported
Ownership public:	Not reported
Ownership private:	Not reported
Ownership other:	Not reported
Owner Type:	Not reported
Owner Name:	Tooele Co
Owner Contact Name:	Not reported
Owner Address:	47 S Main
Owner Address 2:	Not reported
Owner City/State/Zip:	Tooele 84074

TOOELE CO. (Continued) **S113452715**

Owner Phone:	435882-9160
Owner Title:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Address:	Not reported
Contact City,St,Zip:	Not reported
Contact Phone Number:	Not reported
Operator name:	Not reported
Operator Title:	Not reported
Operator Address:	47 S Main
Operator Address 2:	Not reported
Operator City/State/Zip:	Tooele 84074
Operator Phone Number:	Not reported
Permit number:	Not reported
Permit date:	Not reported
Perm size < 20 tons/day:	Not reported
Perm size > 20 tons/day:	Not reported
Liner type:	Not reported
Monitoring SW:	Not reported
Monitoring leachate:	Not reported
Leachate collection:	Not reported
Leachate recirculation:	Not reported
Gas Collection:	Not reported
Assigned To:	Not reported
Facility Type:	Not reported
Landfill Class:	I
Facility Status:	Closed
Lat/Long (dms):	40 3 30 / 112 2 00
Facility Capacity Other:	Not reported
Facility Area(acres):	Not reported
Gw Monitoring Required:	Not reported
Gw Variance Comments:	Not reported
Liner Variance Comments:	Not reported
Gas Mon. variance Comments:	Not reported
Tons:	Not reported
Open Date:	Not reported
Range 1:	5 W
QQ Section:	Not reported
Q Section:	NE
Baseline:	SLBM
Will Close:	Not reported
Cubic Yards:	Not reported
Tons Per Day:	Not reported
Years:	Not reported
Accepting Waste:	1905-04-27 00:00:00
Alternatives Approved:	Not reported
Township:	3 S
Section:	13
Alternative Liner Description:	Not reported
Alternative Final Cover Desc:	Not reported
Gasoline Collection Type:	Not reported
Report Period:	Not reported
Ground Water Report Received:	Not reported
Gas Monitoring Report Received:	Not reported
Gas Report Received:	Not reported
Training Report Received:	Not reported
Municipal Tons Received:	Not reported

TOOELE CO. (Continued) **S113452715**

C/D Tons Received:	Not reported
Industrial Tons Received:	Not reported
Other Tons Received:	Not reported
Compost Tons Received:	Not reported
Recycling Tons Received:	Not reported
Health Dept:	Tooele County Health Dept.
Latitide:	Not reported
Longitude:	Not reported

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BAUER	S127990480	TOOELE COUNTY CLASS III	2830 BAUER RD, TOOELE, UT 8407	84074	SWF/LF, Financial Assurance

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/27/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 88

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: N/A

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: List of Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/07/2021
Date Data Arrived at EDR: 10/12/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 90

Source: Department of Environmental Quality
Telephone: 801-538-6170
Last EDR Contact: 05/02/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Sites with Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/11/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/01/2022
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 801-536-4115
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Sites

A listing of leaking aboveground storage tank locations.

Date of Government Version: 03/03/2022
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/27/2022
Number of Days to Update: 84

Source: Department of Environmental Quality
Telephone: 801-536-4141
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

UST: List of Sites with Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/11/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/01/2022
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 801-536-4115
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

AST: Listing of Aboveground Storage Tanks
Aboveground storage tank site locations.

Date of Government Version: 03/03/2022
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/27/2022
Number of Days to Update: 84

Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls
Sites included on the Brownfields Sites listing that have institutional controls in place.

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/05/2022
Number of Days to Update: 75
Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites List
The purpose of the program is to encourage the voluntary cleanup of sites where there has been a contaminant release threatening public health and the environment, thereby removing the stigma attached to these sites which blocks economic redevelopment. Voluntary cleanup of these sites will hopefully result in clearing the pathway for returning these properties to beneficial use.

Date of Government Version: 12/27/2021
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 88
Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Assessment Sites
A Brownfields site means real property, the expansion, redevelopment or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminant, controlled substance or petroleum product.

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 02/02/2022
Number of Days to Update: 83
Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: No Update Planned

CDL: Methamphetamine Contaminated Properties Listing

Utah Administrative Rule 19-6-901 Illegal Drug Operations Site Reporting and Decontamination Act requires local health departments to maintain a list of properties believed to be contaminated by the illegal manufacture of drugs. The following properties were reported to the Salt Lake Valley Health Department by a complaint or report from a law enforcement agency and the Department has determined that reasonable evidence exists that the property is contaminated.

Date of Government Version: 02/16/2022
Date Data Arrived at EDR: 03/01/2022
Date Made Active in Reports: 05/27/2022
Number of Days to Update: 87

Source: Salt Lake Valley Health Department
Telephone: 801-468-2750
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Quarterly

PFAS: PFAS Site Information Listing

PFAS site information

Date of Government Version: 04/12/2022
Date Data Arrived at EDR: 04/13/2022
Date Made Active in Reports: 05/16/2022
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

SPILLS: Spills Data
Incidents reported to the Division of Environmental Response and Remediation

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/13/2022
Date Made Active in Reports: 04/05/2022
Number of Days to Update: 82

Source: Department of Environmental Quality
Telephone: 801-536-4100
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/31/2011
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 303-312-6149
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/01/2021
Date Data Arrived at EDR: 02/15/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/20/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/11/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 91
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/02/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/23/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/04/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 07/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/01/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/10/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 96

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (303) 312-6312
Last EDR Contact: 05/18/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/02/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Quarterly

AIRS: Division of Air Quality

Emissions inventory

Date of Government Version: 04/26/2022
Date Data Arrived at EDR: 04/27/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 801-536-4183
Last EDR Contact: 04/27/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaners

A listing of registered drycleaners.

Date of Government Version: 04/19/2022
Date Data Arrived at EDR: 04/20/2022
Date Made Active in Reports: 05/16/2022
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 801-536-4437
Last EDR Contact: 04/11/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

EWA: Enforceable Written Assurances

EWA contains locations of potential Enforceable Written Assurance sites. EWAs will generally ensure to property owners or prospective property owners that there is no unacceptable risk to human health or the environment. EWA locations are based on coordinates derived from maps and GPS data. These locations represent sites, not contaminated areas.

Date of Government Version: 03/07/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89

Source: Department of Environmental Quality
Telephone: 801-536-4167
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 03/23/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 90

Source: Department of Environmental Quality
Telephone: 801-538-6794
Last EDR Contact: 03/15/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 03/03/2022
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 03/21/2022
Number of Days to Update: 17

Source: Department of Environmental Quality
Telephone: 801-536-4141
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

Formerly used defense sites.

Date of Government Version: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 80

Source: Utah AGRC
Telephone: 801-538-3665
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

MMRP: Military Munitions Response Program

Environment.MMRP contains locations of Military Munitions Response Program sites. MMRP manages the environmental, health and safety issues presented by unexploded ordnances (UXO), discarded military munitions (DMM) and munitions constituents (MC). Locations are based on coordinates derived from maps and GPS data. These locations represent sites, not contaminated areas.

Date of Government Version: 03/02/2022
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89

Source: Department of Environmental Quality
Telephone: 801-539-4164
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Varies

NPDES: Permitted Facilities Listing

A listing of Division of Water Quality permits.

Date of Government Version: 03/08/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/06/2022
Number of Days to Update: 88

Source: Department of Environmental Quality
Telephone: 801-538-6146
Last EDR Contact: 06/08/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

TIER 2: Tier 2 Facility Listing

TIER 2 contains locations of Tier II facilities under the Emergency Planning and Community Right-to-Know Act (EPCRA). Qualifying facilities report on hazardous and toxic chemicals and are labeled either tier I or tier II. Locations are based on coordinates derived from maps and GPS data. These locations represent sites, not contaminated areas.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/16/2022
Date Made Active in Reports: 06/13/2022
Number of Days to Update: 89

Source: Department of Environmental Quality
Telephone: 801-536-4152
Last EDR Contact: 06/17/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Varies

UIC: UIC Site Location Listing

A listing of underground injection control wells.

Date of Government Version: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 84

Source: Department of Natural Resources
Telephone: 801-538-5329
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

UOPF: Used Oil Permitted Facilities

DSHW Permitted Used Oil Facilities contains locations in Utah of all Used Oil Facilities: Marketers, Porcessoors, Transfer, Transport and Off-specification Permitted by UDEQ Division of Hazardous Waste (DSHW) ? Used Oil Section.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/07/2021
Date Made Active in Reports: 02/24/2022
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 801-538-9408
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Utah.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/16/2014
Number of Days to Update: 199

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Utah.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Provider List
Source: Department of Health
Telephone: 801-538-9299

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Utah Geological Survey
Telephone: 801-537-3300

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BAUER TAILINGS SITE
40.4715093, -112.3681012
TOOELE, UT 84074

TARGET PROPERTY COORDINATES

Latitude (North):	40.471509 - 40ˆ 28’ 17.43’’
Longitude (West):	112.368101 - 112ˆ 22’ 5.16’’
Universal Tranverse Mercator:	Zone 12
UTM X (Meters):	384021.7
UTM Y (Meters):	4480780.0
Elevation:	4878 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14660319 STOCKTON, UT
Version Date:	2020
Northeast Map:	14660333 TOOELE, UT
Version Date:	2020
Southwest Map:	14660317 SOUTH MOUNTAIN, UT
Version Date:	2020
Northwest Map:	14664886 GRANTSVILLE, UT
Version Date:	2020

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

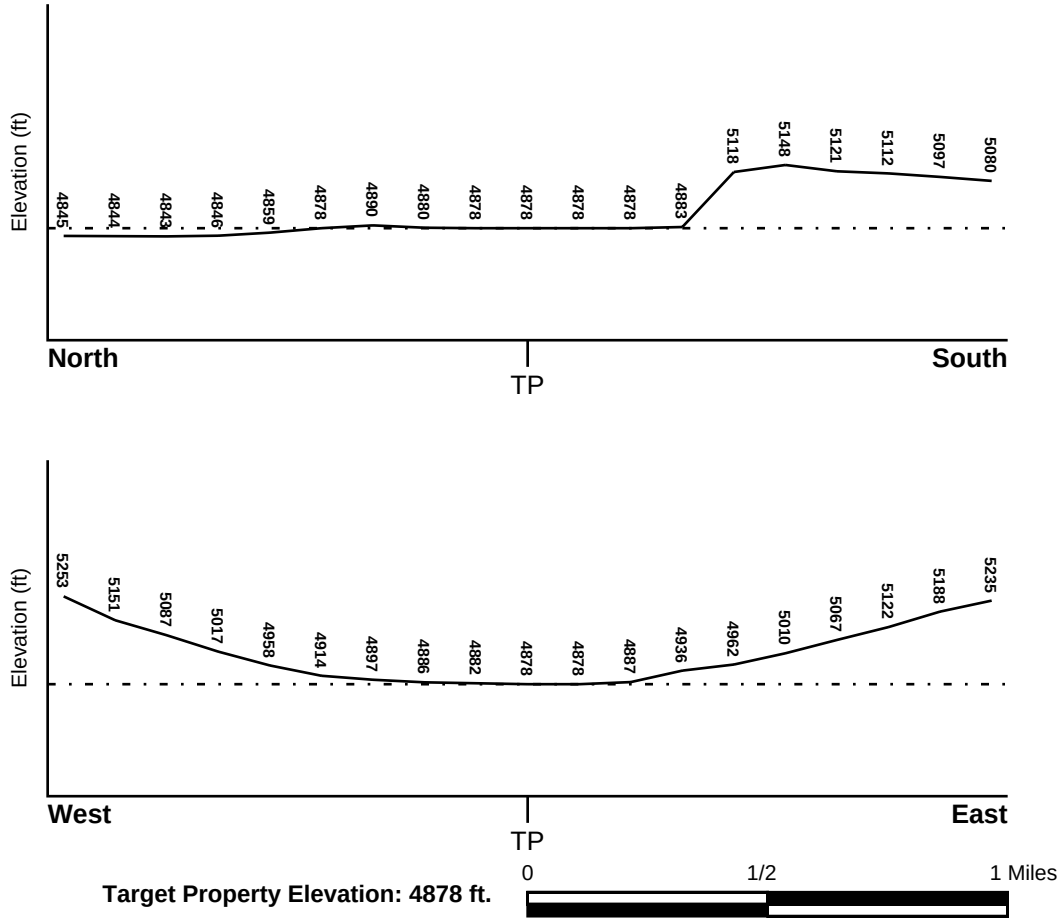
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
49045C2030C	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
49045C2025C	FEMA FIRM Flood data
49045C2028C	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

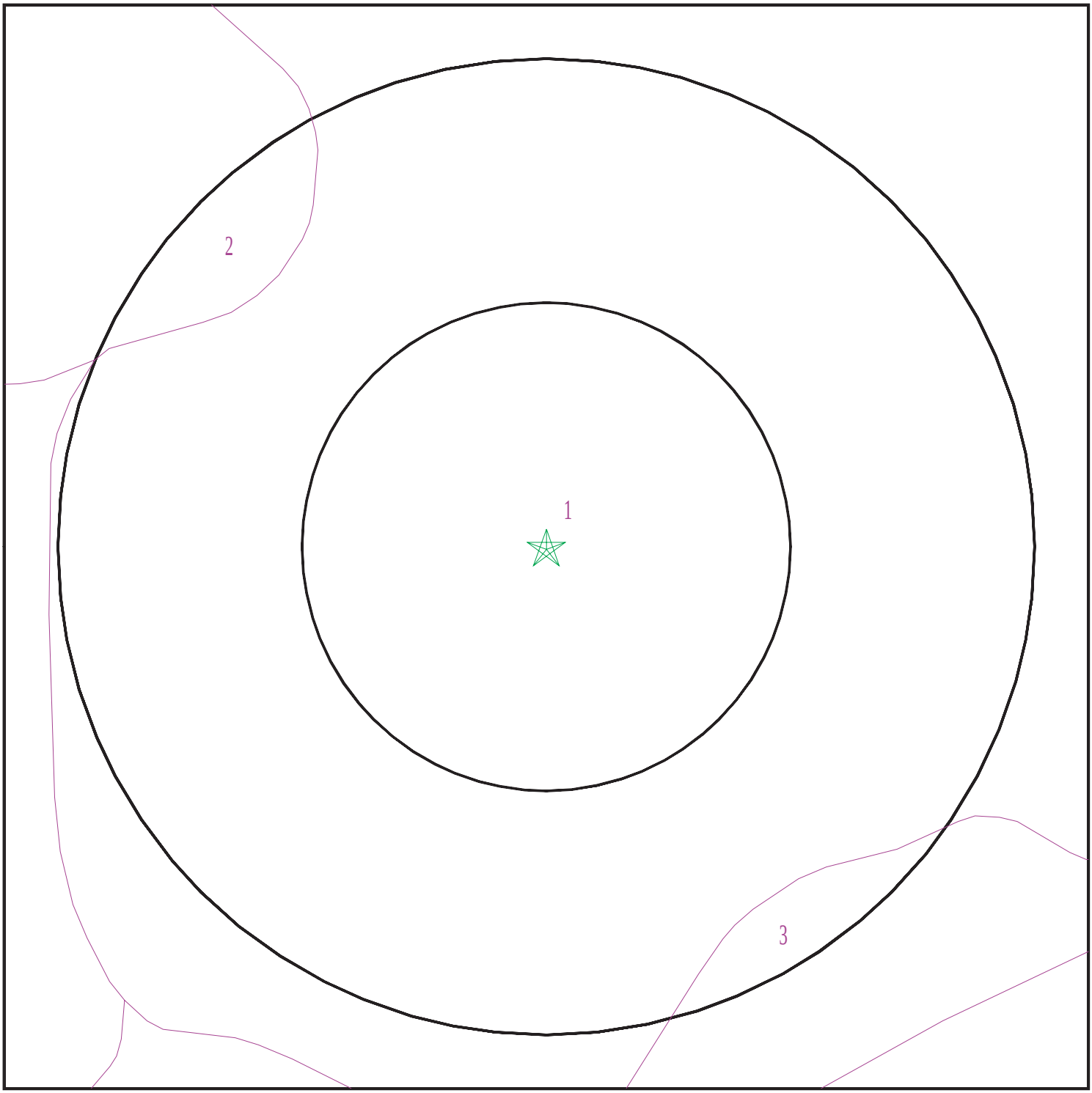
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7037213.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Bauer Tailings Site	CLIENT:	Tetra Tech EM, Inc.
ADDRESS:	40.4715093, -112.3681012 Tooele UT 84074	CONTACT:	Madison Ericson
		INQUIRY #:	7037213.2s
LAT/LONG:	40.471509 / 112.368101	DATE:	June 29, 2022 2:51 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name:	Slickens and mine dumps
Soil Surface Texture:	
Hydrologic Group:	Not reported
Soil Drainage Class:	
Hydric Status: Not hydric	
Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name:	Berent
Soil Surface Texture:	loamy fine sand
Hydrologic Group:	Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
Soil Drainage Class:	Somewhat excessively drained
Hydric Status: Unknown	
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 423 Min: 141	Max: 9 Min: 7.9
2	0 inches	5 inches	loamy fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 423 Min: 141	Max: 9 Min: 7.9
3	5 inches	59 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 423 Min: 141	Max: 9 Min: 7.9
4	5 inches	59 inches	fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 423 Min: 141	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: Abela

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 8.5
2	0 inches	9 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 8.5
3	9 inches	20 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 8.5
4	9 inches	20 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 8.5
5	20 inches	59 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 8.5
6	20 inches	59 inches	very gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 9 Min: 8.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS40001188503	1/4 - 1/2 Mile NE
B12	USGS40001188470	1/4 - 1/2 Mile East
E21	USGS40001188505	1/2 - 1 Mile NE
I38	USGS40001188408	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

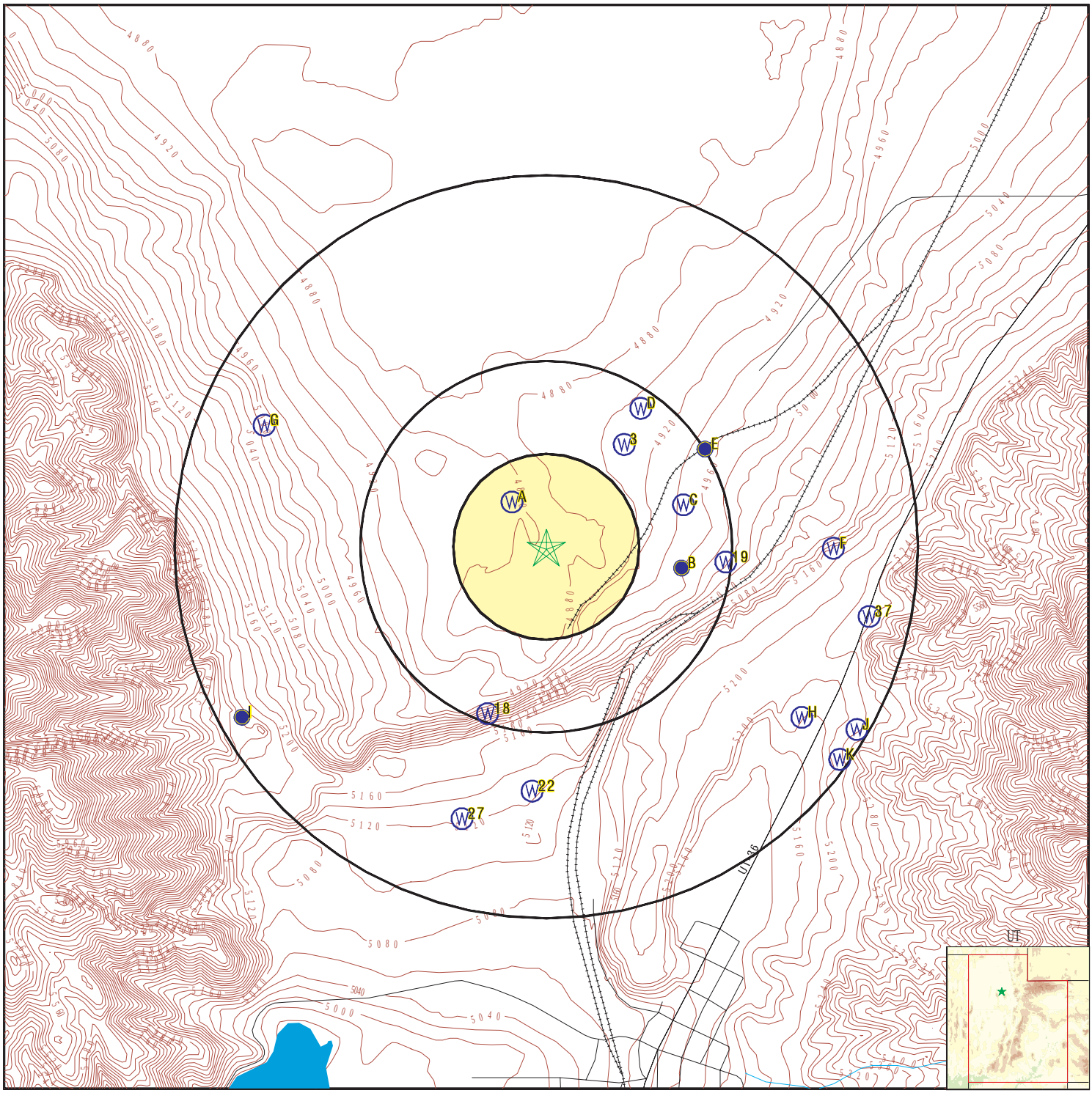
MAP ID	WELL ID	LOCATION FROM TP
A1	UTDNR2000083921	1/8 - 1/4 Mile NW
A2	UTDNR2000260035	1/8 - 1/4 Mile NW
B4	UTDNR2000084285	1/4 - 1/2 Mile East
B5	UTDNR2000084237	1/4 - 1/2 Mile East
B6	UTDNR2000085370	1/4 - 1/2 Mile East
B7	UTDNR2000314196	1/4 - 1/2 Mile East
B8	UTDNR2000252507	1/4 - 1/2 Mile East
C9	UTDNR2000084680	1/4 - 1/2 Mile ENE
C10	UTDNR2000252508	1/4 - 1/2 Mile ENE
B11	UTDNR2000084463	1/4 - 1/2 Mile East
B13	UTDNR2000084272	1/4 - 1/2 Mile ESE
B14	UTDNR2000082591	1/4 - 1/2 Mile ESE
C15	UTDNR2000002222	1/4 - 1/2 Mile ENE
D16	UTDNR2000084679	1/4 - 1/2 Mile NE
D17	UTDNR2000252506	1/4 - 1/2 Mile NNE
18	UTDNR2000084678	1/4 - 1/2 Mile SSW
19	UTDNR2000084681	1/4 - 1/2 Mile East
E20	UTDNR2000002223	1/4 - 1/2 Mile ENE
22	UTDNR2000087071	1/2 - 1 Mile South
F23	UTDNR2000084512	1/2 - 1 Mile East
F24	UTDNR2000084108	1/2 - 1 Mile East
F25	UTDNR2000291287	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F26	UTDNR2000085051	1/2 - 1 Mile East
27	UTDNR2000086494	1/2 - 1 Mile SSW
G28	UTDNR2000008834	1/2 - 1 Mile WNW
G29	UTDNR2000287334	1/2 - 1 Mile WNW
H30	UTDNR2000277448	1/2 - 1 Mile SE
H31	UTDNR2000087256	1/2 - 1 Mile SE
H32	UTDNR2000086394	1/2 - 1 Mile SE
H33	UTDNR2000294934	1/2 - 1 Mile SE
H34	UTDNR2000283730	1/2 - 1 Mile SE
H35	UTDNR2000278520	1/2 - 1 Mile SE
F36	UTDNR2000291288	1/2 - 1 Mile East
37	UTDNR2000083992	1/2 - 1 Mile ESE
I39	UTDNR2000274889	1/2 - 1 Mile WSW
I40	UTDNR2000000040	1/2 - 1 Mile WSW
I41	UTDNR2000083820	1/2 - 1 Mile WSW
I42	UTDNR2000268335	1/2 - 1 Mile WSW
J43	UTDNR2000003679	1/2 - 1 Mile ESE
J44	UTDNR2000003678	1/2 - 1 Mile ESE
J45	UTDNR2000003677	1/2 - 1 Mile ESE
K46	UTDNR2000278521	1/2 - 1 Mile SE
K47	UTDNR2000087257	1/2 - 1 Mile SE
K48	UTDNR2000294935	1/2 - 1 Mile SE
K49	UTDNR2000283731	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 7037213.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME:	Bauer Tailings Site	CLIENT:	Tetra Tech EM, Inc.
ADDRESS:	40.4715093, -112.3681012 Tooele UT 84074	CONTACT:	Madison Ericson
		INQUIRY #:	7037213.2s
LAT/LONG:	40.471509 / 112.368101	DATE:	June 29, 2022 2:51 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NW
1/8 - 1/4 Mile
Higher

UT WELLS **UTDNR2000083921**

Database:	Water Rights Database	Water Right #:	15-2956
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Permanently Lapsed		
Priority Date:	19820823	Uses:	Other,
Cubic ft/sec:	.015	Well ID:	0
Owner:	Archie Poarch	Water Right Type:	WR
Supply Source:	Underground Water Well		

A2
NW
1/8 - 1/4 Mile
Higher

UT WELLS **UTDNR2000260035**

Database:	Water Rights Database	Water Right #:	15-2956
Exchange #:	a21604	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Permanently Lapsed		
Priority Date:	19971014	Uses:	Other,
Cubic ft/sec:	.015	Well ID:	0
Owner:	Archie Poarch	Water Right Type:	CH
Supply Source:	Underground Water Well		

3
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40001188503**

Organization ID:	USGS-UT	Organization Name:	USGS Utah Water Science Center
Monitor Location:	(C- 4- 5)13bbd- 1	Type:	Well
Description:	Not Reported	HUC:	16020304
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19530101
Well Depth:	535	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1953-03-01
Feet below surface:	260.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B4
East
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000084285**

Database:	Water Rights Database	Water Right #:	15-3178
Exchange #:	Not Reported	Type of Diversion:	Surface

Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19870310
Uses:	Mining,	Cubic ft/sec:	.56
Well ID:	0	Owner:	Ameco Incorporated
Water Right Type:	WR	Supply Source:	Honorine Tunnel

B5
East
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000084237**

Database:	Water Rights Database	Water Right #:	15-3133
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19860124
Uses:	Other,Mining,	Cubic ft/sec:	2.23
Well ID:	0	Owner:	Combined Metals Reduction Company
Water Right Type:	WR	Supply Source:	Underground Tunnel

B6
East
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000085370**

Database:	Water Rights Database	Water Right #:	15-3919
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Perfected; proof filed, right certified		
Status:	Adjudication Decree	Priority Date:	190503
Uses:	Irrigation,Stockwatering,	Cubic ft/sec:	0
Well ID:	0	Owner:	Tooele City Water Special Service District
Water Right Type:	WR	Supply Source:	Honerine Mine Tunnel

B7
East
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000314196**

Database:	Water Rights Database	Water Right #:	15-19
Exchange #:	t92-15-01	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Expired	Priority Date:	19911230
Uses:	Other,Mining,	Cubic ft/sec:	1.667
Well ID:	0	Owner:	Ameco Incorporated
Water Right Type:	HT	Supply Source:	Honerine Mine Tunnel

B8
East
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000252507**

Database:	Water Rights Database	Water Right #:	15-19
Exchange #:	a14176	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19870121

Uses:	Domestic,Irrigation,Stockwatering,Mining,		
Cubic ft/sec:	1.667	Well ID:	0
Owner:	Ameco Incorporated	Water Right Type:	CH
Supply Source:	Honerine Tunnel		

C9
ENE **UT WELLS** **UTDNR2000084680**
1/4 - 1/2 Mile
Higher

Database:	Water Rights Database	Water Right #:	15-3375
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19930304
Uses:	Other,	Cubic ft/sec:	1
Well ID:	0	Owner:	Adrian Gerritsen
Water Right Type:	WR	Supply Source:	Underground Water Wells

C10
ENE **UT WELLS** **UTDNR2000252508**
1/4 - 1/2 Mile
Higher

Database:	Water Rights Database	Water Right #:	15-19
Exchange #:	a14176	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19870121
Uses:	Domestic,Irrigation,Stockwatering,Mining,		
Cubic ft/sec:	1.667	Well ID:	0
Owner:	Ameco Incorporated	Water Right Type:	CH
Supply Source:	Honerine Tunnel		

B11
East **UT WELLS** **UTDNR2000084463**
1/4 - 1/2 Mile
Higher

Database:	Water Rights Database	Water Right #:	15-3259
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19890907
Uses:	Irrigation,Stockwatering,Mining,	Cubic ft/sec:	2.25
Well ID:	0	Owner:	Diamond By Ranches
Water Right Type:	WR	Supply Source:	Underground Water Honerine Tunnel

---

B12
East **FED USGS** **USGS40001188470**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-UT	Organization Name:	USGS Utah Water Science Center
Monitor Location:	(C- 4- 5)13cab- 2	Type:	Well
Description:	Not Reported	HUC:	16020304
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	525	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1973-07-01
Feet below surface:	117.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B13
ESE
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000084272**

Database:	Water Rights Database	Water Right #:	15-3171
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Perfected; proof filed, right certified		
Status:	Adjudication Decree	Priority Date:	19870113
Uses:	Stockwatering,	Cubic ft/sec:	.015
Well ID:	0	Owner:	E.L. Strauss Ranch Llc
Water Right Type:	WR	Supply Source:	Honerine Mine Tunnel

B14
ESE
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000082591**

Database:	Water Rights Database	Water Right #:	15-19
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Perfected; proof filed, right certified		
Status:	Adjudication Decree Certificated	Priority Date:	190503
Uses:	Other,Stockwatering,	Cubic ft/sec:	.557
Well ID:	0	Owner:	Ranch 77 L.C.
Water Right Type:	WR	Supply Source:	Honerine Mine Tunnel

C15
ENE
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000002222**

Database:	Water Rights Database	Water Right #:	0415006M00
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	30946
Owner:	Tooele County Solid Waste	Water Right Type:	NP
Supply Source:	Non-Production Well: Cathodic Protection		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D16
NE
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000084679**

Database:	Water Rights Database	Water Right #:	15-3375
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19930304
Uses:	Other,	Cubic ft/sec:	1
Well ID:	0	Owner:	Afmetco
Water Right Type:	WR	Supply Source:	Underground Water Wells

D17
NNE
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000252506**

Database:	Water Rights Database	Water Right #:	15-19
Exchange #:	a14176	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19870121
Uses:	Domestic,Irrigation,Stockwatering,Mining,		
Cubic ft/sec:	1.667	Well ID:	0
Owner:	Ameco Incorporated	Water Right Type:	CH
Supply Source:	Honerine Tunnel		

18
SSW
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000084678**

Database:	Water Rights Database	Water Right #:	15-3375
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19930304
Uses:	Other,	Cubic ft/sec:	1
Well ID:	0	Owner:	Afmetco
Water Right Type:	WR	Supply Source:	Underground Water Wells

19
East
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000084681**

Database:	Water Rights Database	Water Right #:	15-3375
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Rejected	Priority Date:	19930304
Uses:	Other,	Cubic ft/sec:	1
Well ID:	0	Owner:	Afmetco
Water Right Type:	WR	Supply Source:	Underground Water Wells

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E20
ENE
1/4 - 1/2 Mile
Higher

UT WELLS **UTDNR2000002223**

Database:	Water Rights Database	Water Right #:	0415006M00
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	30947
Owner:	Tooele County Solid Waste	Water Right Type:	NP
Supply Source:	Non-Production Well: Cathodic Protection		

E21
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40001188505**

Organization ID:	USGS-UT	Organization Name:	USGS Utah Water Science Center
Monitor Location:	(C- 4- 5)13bad- 1	Type:	Well
Description:	Not Reported	HUC:	16020304
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	4	Level reading date:	2004-03-25
Feet below surface:	91.16	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1989-09-19	Feet below surface:	94.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-06-16	Feet below surface:	95.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-03-30	Feet below surface:	95.89
Feet to sea level:	Not Reported	Note:	Not Reported

22
South
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000087071**

Database:	Water Rights Database	Water Right #:	15-5073
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Permanently Lapsed		
Priority Date:	20090225	Uses:	Other,
Cubic ft/sec:	0	Well ID:	0
Owner:	La Canada, Llc	Water Right Type:	WR
Supply Source:	Underground Water Well		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

F23
East
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000084512**

Database:	Water Rights Database	Water Right #:	15-3286
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Perfected; proof filed, right certified		
Status:	Appeal to Appropriate Certificated	Priority Date:	19901016
Uses:	Other,	Cubic ft/sec:	.015
Well ID:	7442	Owner:	England Construction Inc.
Water Right Type:	WR	Supply Source:	Underground Water Well

F24
East
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000084108**

Database:	Water Rights Database	Water Right #:	15-3046
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Perfected; proof filed, right certified		
Status:	Appeal to Appropriate Certificated	Priority Date:	19840329
Uses:	Other,	Cubic ft/sec:	.015
Well ID:	0	Owner:	England Construction
Water Right Type:	WR	Supply Source:	Underground Water Well

F25
East
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000291287**

Database:	Water Rights Database	Water Right #:	15-4172
Exchange #:	t24403	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Withdrawn	Priority Date:	20000420
Uses:	Other,	Cubic ft/sec:	0
Well ID:	0	Owner:	Jack B. Parsons
Water Right Type:	CH	Supply Source:	Underground Water Well

F26
East
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000085051**

Database:	Water Rights Database	Water Right #:	15-3689
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Perfected; proof filed, right certified		
Status:	Underground Water Claim Certificated		
Priority Date:	19160501	Uses:	Other,
Cubic ft/sec:	0	Well ID:	0
Owner:	England Construction Company	Water Right Type:	WR
Supply Source:	Underground Water Well		

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

27
SSW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000086494**

Database:	Water Rights Database	Water Right #:	15-4672
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Permanently Lapsed		
Priority Date:	20060922	Uses:	Domestic,Irrigation,Stockwatering,
Cubic ft/sec:	0	Well ID:	0
Owner:	Randy Hunt	Water Right Type:	WR
Supply Source:	Underground Water Well		

G28
WNW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000008834**

Database:	Water Rights Database	Water Right #:	1615001M00
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	439368
Owner:	Rulon J. Harper	Water Right Type:	NP
Supply Source:	Non-Production Well: Test		

G29
WNW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000287334**

Database:	Water Rights Database	Water Right #:	15-4250
Exchange #:	a41403	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20160212	Uses:	Other,
Cubic ft/sec:	0	Well ID:	439368
Owner:	Rulon J. And Paula Harper	Water Right Type:	CH
Supply Source:	Underground Water Well		

H30
SE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000277448**

Database:	Water Rights Database	Water Right #:	15-4749
Exchange #:	a32461	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Withdrawn	Priority Date:	20070202
Uses:	Other,	Cubic ft/sec:	0
Well ID:	0	Owner:	Altaview Concrete Inc.
Water Right Type:	CH	Supply Source:	Underground Water Well

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
H31 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000087256**

Database:	Water Rights Database	Water Right #:	15-5208
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20050930	Uses:	Other,
Cubic ft/sec:	0	Well ID:	0
Owner:	Altaview Concrete, Llc, A Utah Limited Liability Company		
Water Right Type:	WR	Supply Source:	Underground Water Wells (2)

	Database	EDR ID Number
H32 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000086394**

Database:	Water Rights Database	Water Right #:	15-4610
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20111020	Uses:	Domestic,Other,
Cubic ft/sec:	0	Well ID:	429411
Owner:	Peak Management, Lc	Water Right Type:	WR
Supply Source:	Underground Water Well		

	Database	EDR ID Number
H33 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000294934**

Database:	Water Rights Database	Water Right #:	15-4749
Exchange #:	t33539	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Withdrawn	Priority Date:	20070919
Uses:	Other,	Cubic ft/sec:	0
Well ID:	0	Owner:	Altaview Concrete Inc.
Water Right Type:	CH	Supply Source:	Underground Water Wells (2)

	Database	EDR ID Number
H34 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000283730**

Database:	Water Rights Database	Water Right #:	15-5208
Exchange #:	a38735	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20130215	Uses:	Other,
Cubic ft/sec:	0	Well ID:	429411
Owner:	Altaview Concrete, Llc, A Utah Limited Liability Company		
Water Right Type:	CH	Supply Source:	Underground Water Wells (2, existing)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H35
SE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000278520**

Database:	Water Rights Database	Water Right #:	15-4749
Exchange #:	a33538	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20070919	Uses:	Other,
Cubic ft/sec:	0	Well ID:	429411
Owner:	Altaview Concrete Inc.	Water Right Type:	CH
Supply Source:	Underground Water Wells (2)		

F36
East
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000291288**

Database:	Water Rights Database	Water Right #:	15-4172
Exchange #:	t24403	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Withdrawn	Priority Date:	20000420
Uses:	Other,	Cubic ft/sec:	0
Well ID:	0	Owner:	Jack B. Parsons
Water Right Type:	CH	Supply Source:	Underground Water Well

37
ESE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000083992**

Database:	Water Rights Database	Water Right #:	15-2985
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Permanently Lapsed		
Priority Date:	19830505	Uses:	Mining,
Cubic ft/sec:	.045	Well ID:	0
Owner:	Azeredo Minerals Incorporated	Water Right Type:	WR
Supply Source:	Underground Water Well		

I38
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40001188408**

Organization ID:	USGS-UT	Organization Name:	USGS Utah Water Science Center
Monitor Location:	(C- 4- 5)14ccd- 1		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	16020304
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported		
Formation Type:	Oquirrh Group (Permian-Pennsylvanian-Mississippian)		
Aquifer Type:	Not Reported	Construction Date:	20000828

Well Depth:	756	Well Depth Units:	ft
Well Hole Depth:	756	Well Hole Depth Units:	ft

I39
WSW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000274889**

Database:	Water Rights Database	Water Right #:	15-4535
Exchange #:	a30111	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Withdrawn	Priority Date:	20050420
Uses:	Stockwatering,	Cubic ft/sec:	0
Well ID:	0	Owner:	Rulon J. And Paula Harper
Water Right Type:	CH	Supply Source:	Underground Water Wells (2)(existing)

I40
WSW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000000040**

Database:	Water Rights Database	Water Right #:	0015003M00
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	22615
Owner:	Tooele City Corporation	Water Right Type:	NP
Supply Source:	Non-Production Well: Unknown		

I41
WSW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000083820**

Database:	Water Rights Database	Water Right #:	15-2880
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	19980421	Uses:	Municipal,
Cubic ft/sec:	3	Well ID:	0
Owner:	Tooele City Water Special Service District		
Water Right Type:	WR	Supply Source:	Underground Water Wells

I42
WSW
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000268335**

Database:	Water Rights Database	Water Right #:	15-2880
Exchange #:	a24836	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20000817	Uses:	Municipal,
Cubic ft/sec:	3	Well ID:	0
Owner:	Tooele City Water Special Service District		
Water Right Type:	CH	Supply Source:	Underground Water Wells

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J43
ESE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000003679**

Database:	Water Rights Database	Water Right #:	0715001M00
Exchange #:	Not Reported	Type of Diversion:	Abandonded Well
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	430276
Owner:	Altaview Concrete	Water Right Type:	NP
Supply Source:	Non-Production Well: Test		

J44
ESE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000003678**

Database:	Water Rights Database	Water Right #:	0715001M00
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	430351
Owner:	Altaview Concrete	Water Right Type:	NP
Supply Source:	Non-Production Well: Test		

J45
ESE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000003677**

Database:	Water Rights Database	Water Right #:	0715001M00
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	Not Reported	Uses:	Not Reported
Cubic ft/sec:	0	Well ID:	430161
Owner:	Altaview Concrete	Water Right Type:	NP
Supply Source:	Non-Production Well: Test		

K46
SE
1/2 - 1 Mile
Higher

UT WELLS **UTDNR2000278521**

Database:	Water Rights Database	Water Right #:	15-4749
Exchange #:	a33538	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20070919	Uses:	Other,
Cubic ft/sec:	0	Well ID:	430351
Owner:	Altaview Concrete Inc.	Water Right Type:	CH
Supply Source:	Underground Water Wells (2)		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
K47 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000087257**

Database:	Water Rights Database	Water Right #:	15-5208
Exchange #:	Not Reported	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20050930	Uses:	Other,
Cubic ft/sec:	0	Well ID:	0
Owner:	Altaview Concrete, Llc, A Utah Limited Liability Company		
Water Right Type:	WR	Supply Source:	Underground Water Wells (2)

	Database	EDR ID Number
K48 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000294935**

Database:	Water Rights Database	Water Right #:	15-4749
Exchange #:	t33539	Type of Diversion:	Underground
Application Status:	Terminated; right most likely consolidated		
Status:	Appeal to Appropriate Withdrawn	Priority Date:	20070919
Uses:	Other,	Cubic ft/sec:	0
Well ID:	0	Owner:	Leo H. Ault
Water Right Type:	CH	Supply Source:	Underground Water Wells (2)

	Database	EDR ID Number
K49 **SE** **1/2 - 1 Mile** **Higher**	**UT WELLS**	**UTDNR2000283731**

Database:	Water Rights Database	Water Right #:	15-5208
Exchange #:	a38735	Type of Diversion:	Underground
Application Status:	Approved	Status:	Appeal to Appropriate Approved
Priority Date:	20130215	Uses:	Other,
Cubic ft/sec:	0	Well ID:	430351
Owner:	Altaview Concrete, Llc, A Utah Limited Liability Company		
Water Right Type:	CH	Supply Source:	Underground Water Wells (2, existing)

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: UT Radon

Radon Test Results

Zipcode	Maximum	Average	Num Tests	Test Term
84074	8.1	2.4	64	Long Term
84074	63.0	5.1	357	Short Term

Federal EPA Radon Zone for TOOELE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Utah Geological Survey
Telephone: 801-537-3300

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Rights Database
Source: Department of Natural Resources, Division of Water Rights
Telephone: 801-538-7408

Division of Drinking Water Well Data
Source: Department of Environmental Quality
Telephone: 801-536-4200

OTHER STATE DATABASE INFORMATION

Utah Oil, Gas and Mining Database
Source: Department of Natural Resources
Telephone: 801-538-5340
The Well Data file contains one record of basic information for each well in the Utah Division of Oil, Gas and Mining database.

RADON

State Database: UT Radon
Source: Department of Environmental Quality
Telephone: 801-536-4250
Test Results by Zip Code

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX F

HISTORICAL USE DOCUMENTATION

APPENDIX F-1

AERIAL PHOTO DECADE

Bauer Tailings Site

40.4715093, -112.3681012

Tooele, UT 84074

Inquiry Number: 7037213.11

June 30, 2022

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/30/22

Site Name:

Bauer Tailings Site
40.4715093, -112.3681012
Tooele, UT 84074
EDR Inquiry # 7037213.11

Client Name:

Tetra Tech EM, Inc.
1560 Broadway, Ste. 1400 & 1450
Denver, CO 80202
Contact: Madison Ericson

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=1000'	Flight Year: 2016	USDA/NAIP
2011	1"=1000'	Flight Year: 2011	USDA/NAIP
2006	1"=1000'	Flight Year: 2006	USDA/NAIP
1997	1"=1000'	Acquisition Date: January 01, 1997	USGS/DOQQ
1986	1"=1000'	Flight Date: August 17, 1986	USDA
1980	1"=1000'	Flight Date: August 28, 1980	USGS
1978	1"=1000'	Flight Date: October 06, 1978	USDA
1974	1"=1000'	Flight Date: September 16, 1974	USGS
1966	1"=1000'	Flight Date: June 26, 1966	USDA
1959	1"=1000'	Flight Date: October 03, 1959	USDA
1953	1"=1000'	Flight Date: August 19, 1953	USGS

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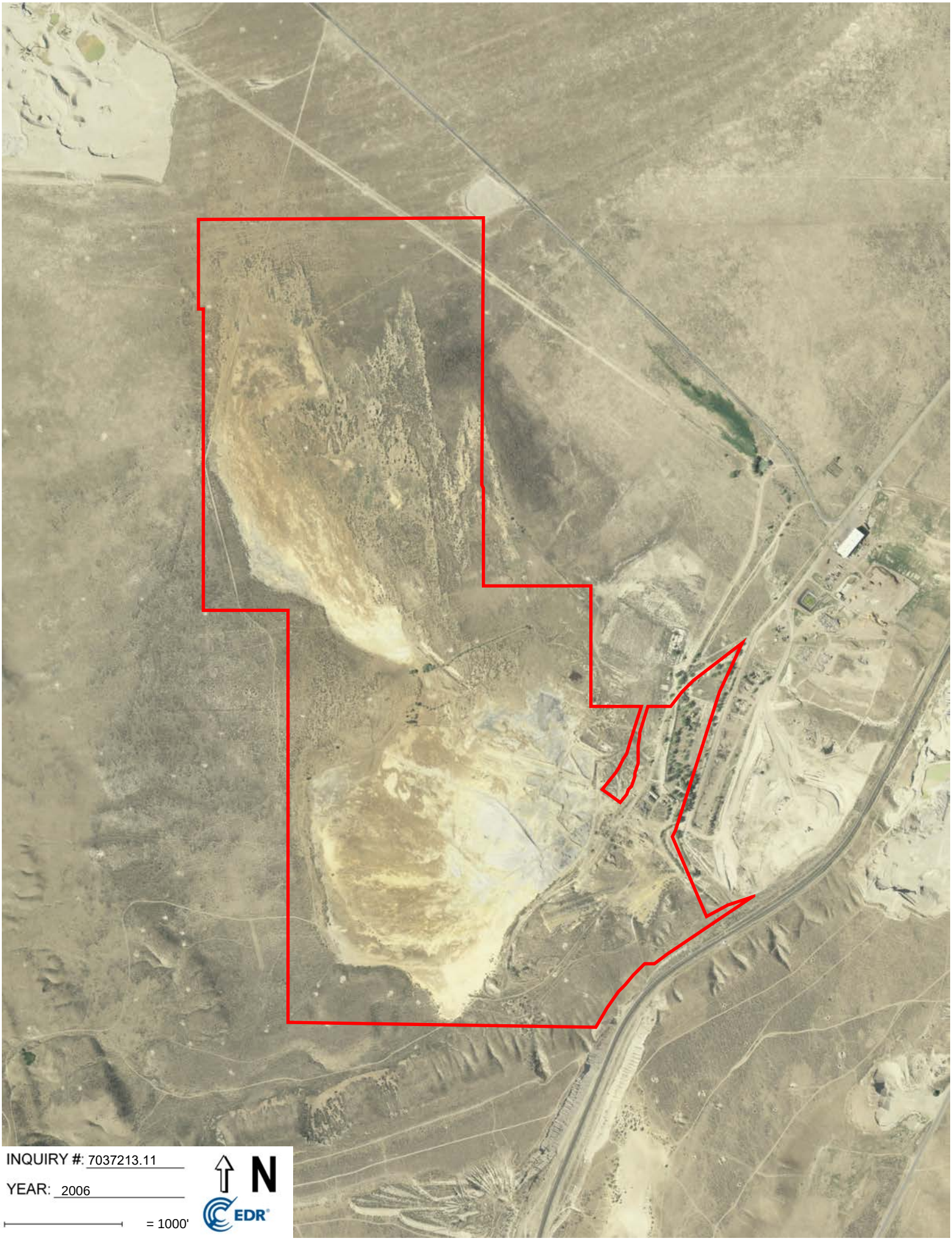
INQUIRY #: 7037213.11
YEAR: 2016
= 1000'
N
EDR

INQUIRY #: 7037213.11
YEAR: 2011
= 1000'
N
EDR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YEAR: 2006
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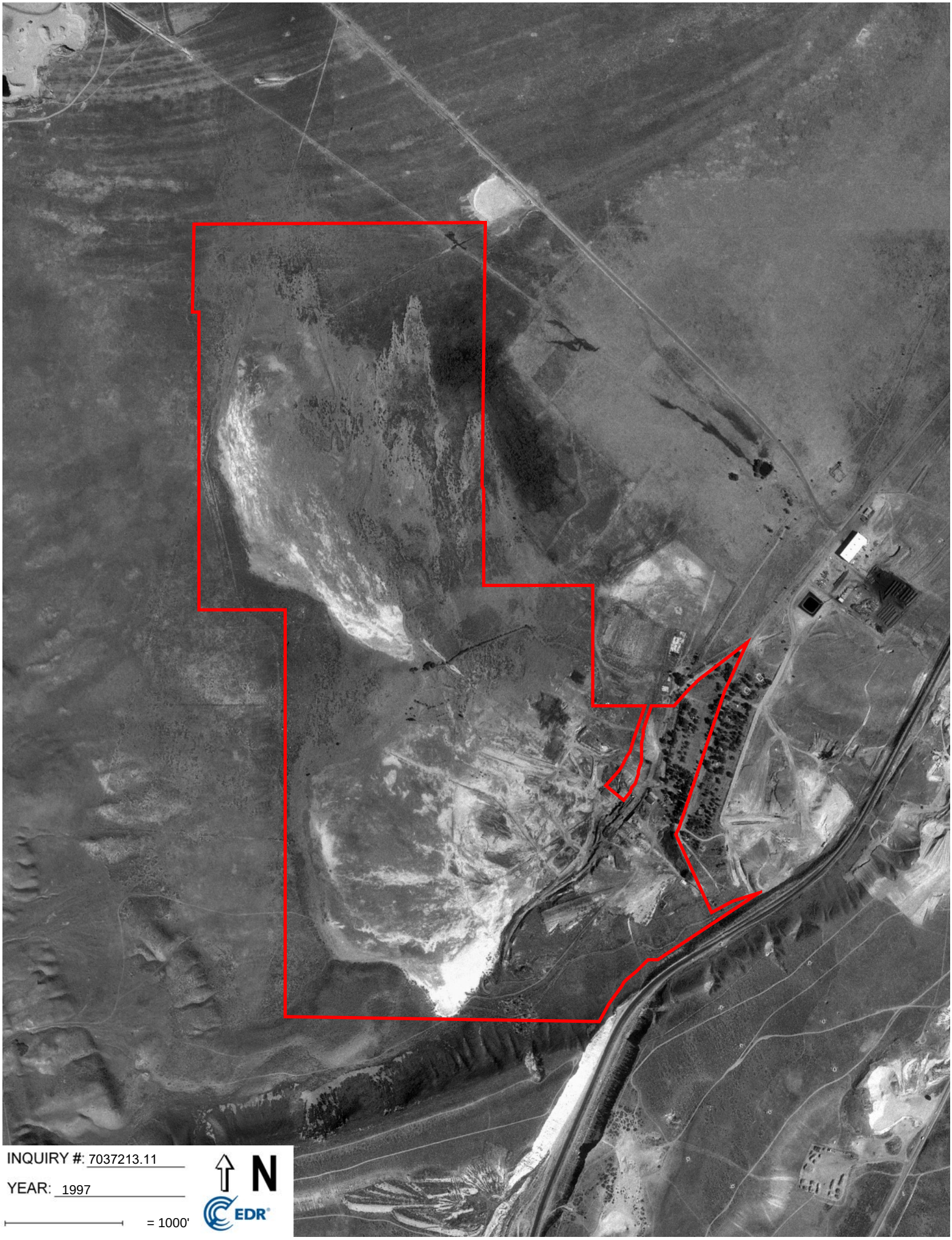
EDR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YEAR: 1997
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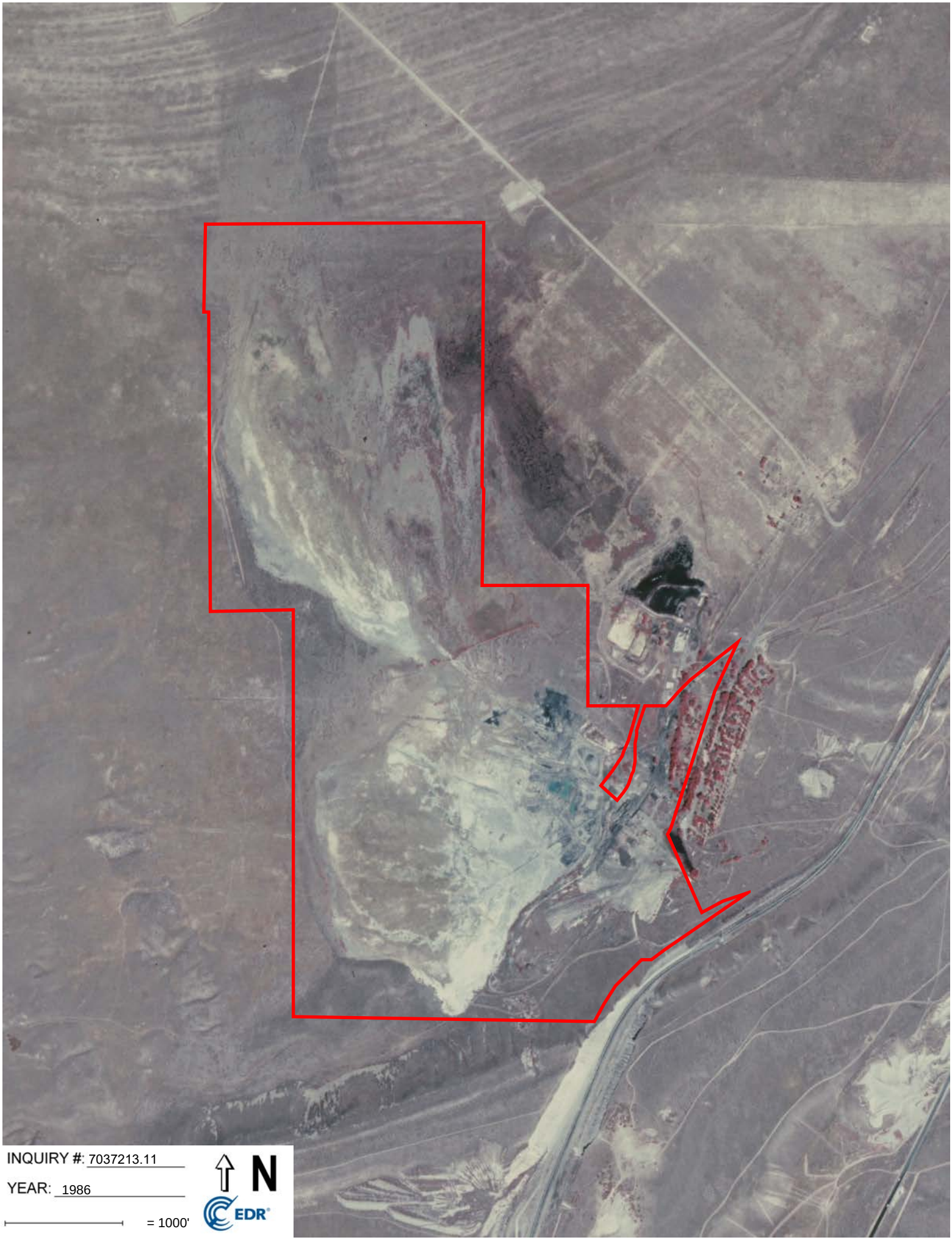
EDR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EDR

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YEAR: 1980
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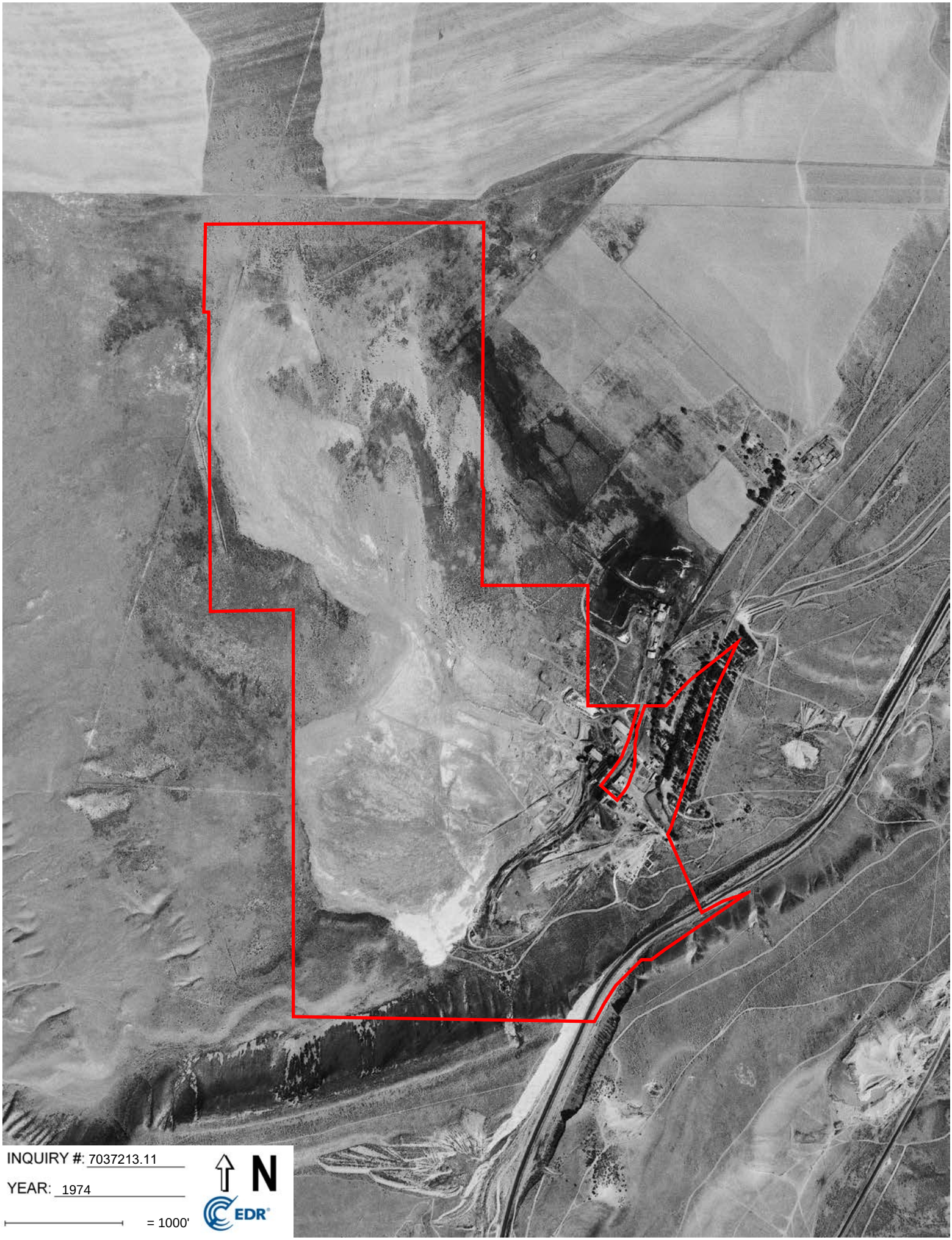
EDR

INQUIRY #: 7037213.11
YEAR: 1978
= 1000'
N
EDR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YEAR: 1974
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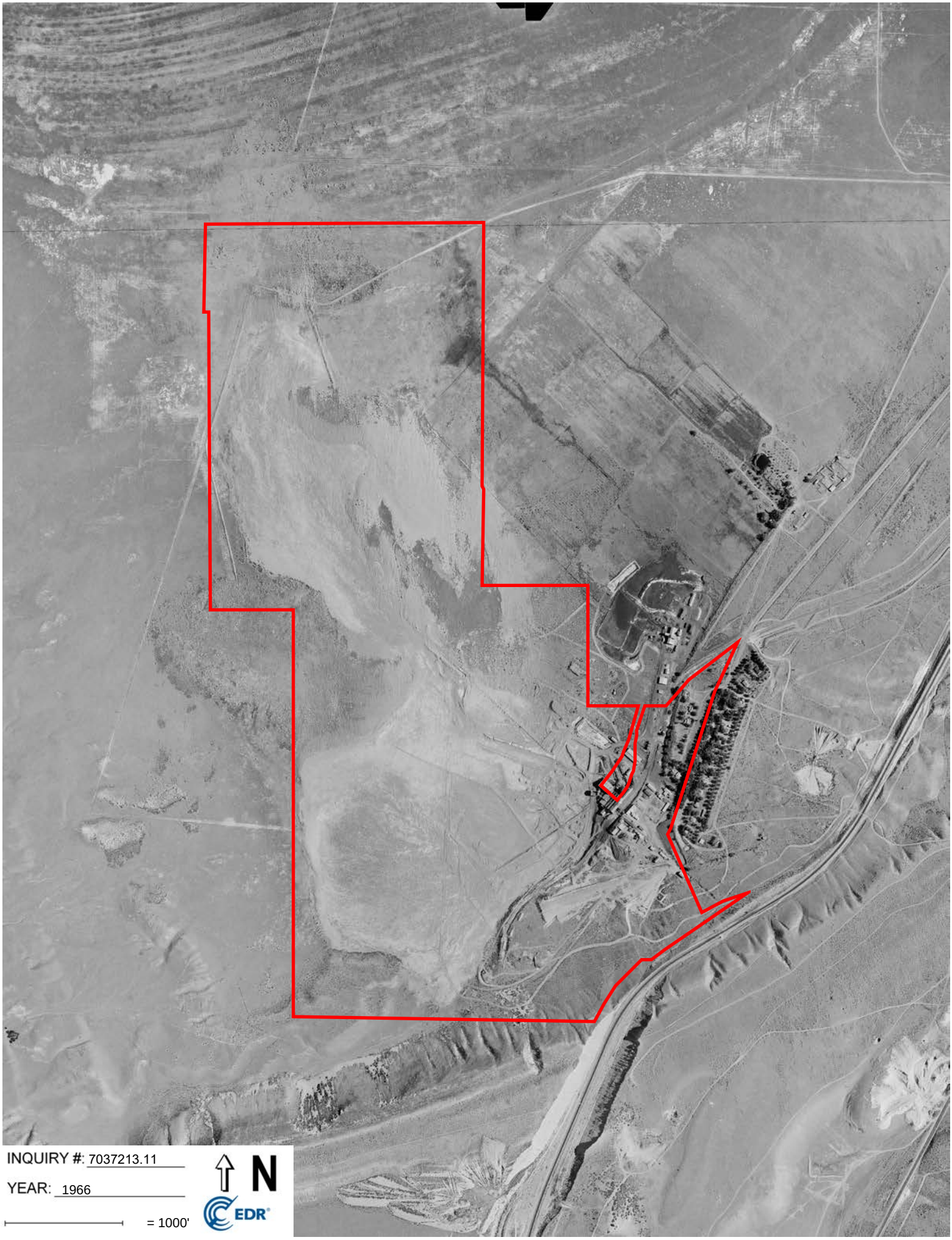
EDR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EDR

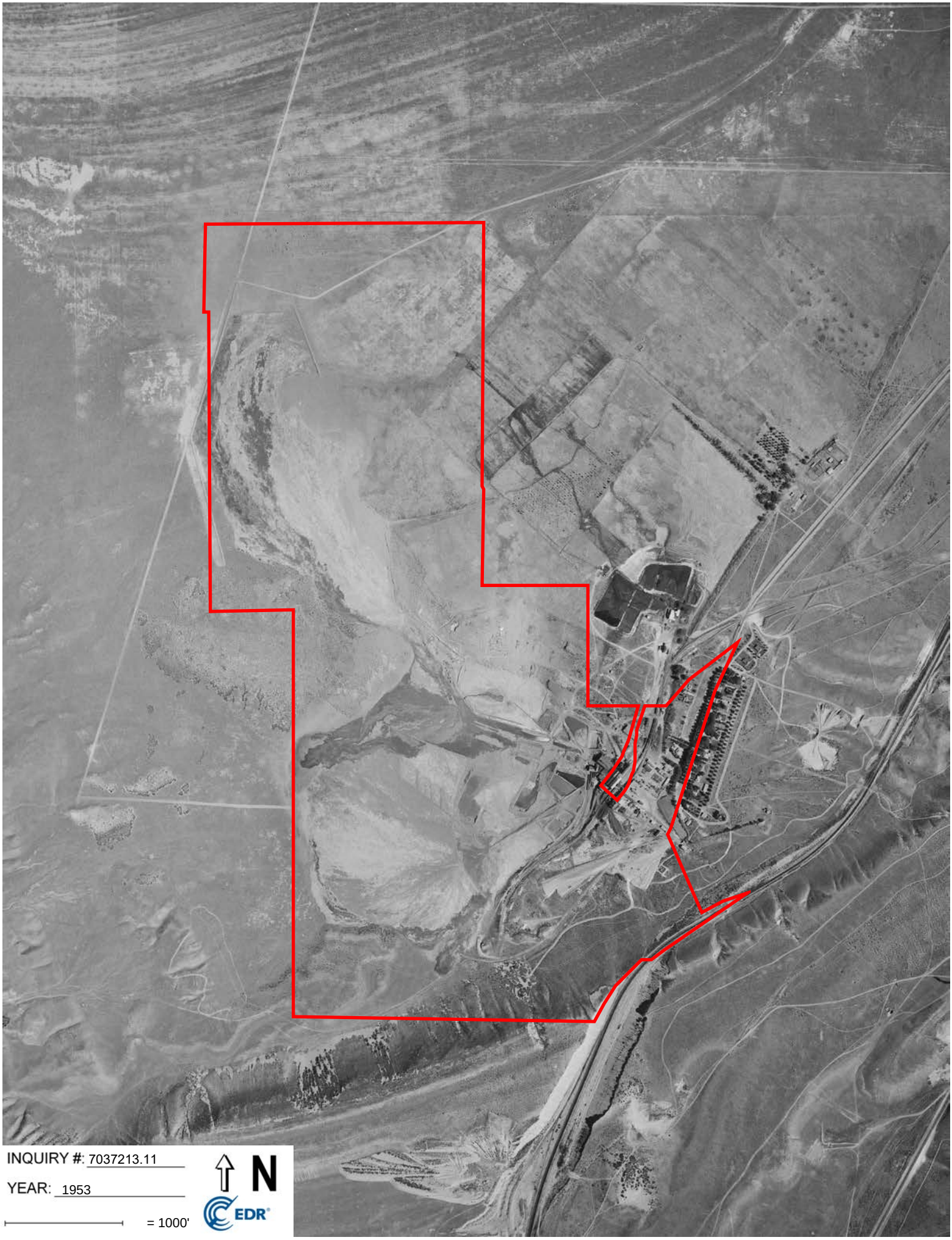
INQUIRY #: 7037213.11

YEAR: 1959

= 1000'

N

EDR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EDR

APPENDIX F-2

HISTORICAL TOPOGRAPHIC MAP REPORT

Bauer Tailings Site

40.4715093, -112.3681012

Tooele, UT 84074

Inquiry Number: 7037213.4

June 29, 2022

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/29/22

Site Name:

Bauer Tailings Site
40.4715093, -112.3681012
Tooele, UT 84074
EDR Inquiry # 7037213.4

Client Name:

Tetra Tech EM, Inc.
1560 Broadway, Ste. 1400 & 1450
Denver, CO 80202
Contact: Madison Ericson

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EM, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: Bauer Tailings Site

Coordinates:

Latitude:	40.471509 40° 28' 17" North
Longitude:	-112.368101 -112° 22' 5" West
UTM Zone:	Zone 12 North
UTM X Meters:	384024.74
UTM Y Meters:	4480991.05
Elevation:	4878.00' above sea level

Maps Provided:

2020
2017
2014
1997
1993
1980
1955
1918

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2020 Source Sheets

Stockton
2020
7.5-minute, 24000

South Mountain
2020
7.5-minute, 24000

2017 Source Sheets

Stockton
2017
7.5-minute, 24000

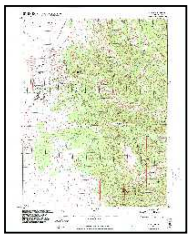
South Mountain
2017
7.5-minute, 24000

2014 Source Sheets

Stockton
2014
7.5-minute, 24000

South Mountain
2014
7.5-minute, 24000

1997 Source Sheets



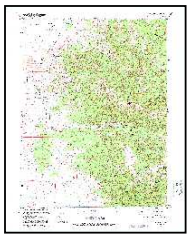
STOCKTON
1997
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

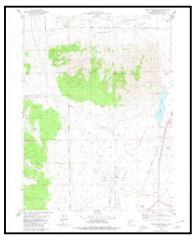
1993 Source Sheets

South Mountain
1993
7.5-minute, 24000
Aerial Photo Revised 1987



STOCKTON
1993
7.5-minute, 24000

1980 Source Sheets



South Mountain
1980
7.5-minute, 24000
Aerial Photo Revised 1974

Stockton
1980
7.5-minute, 24000
Aerial Photo Revised 1974

1955 Source Sheets

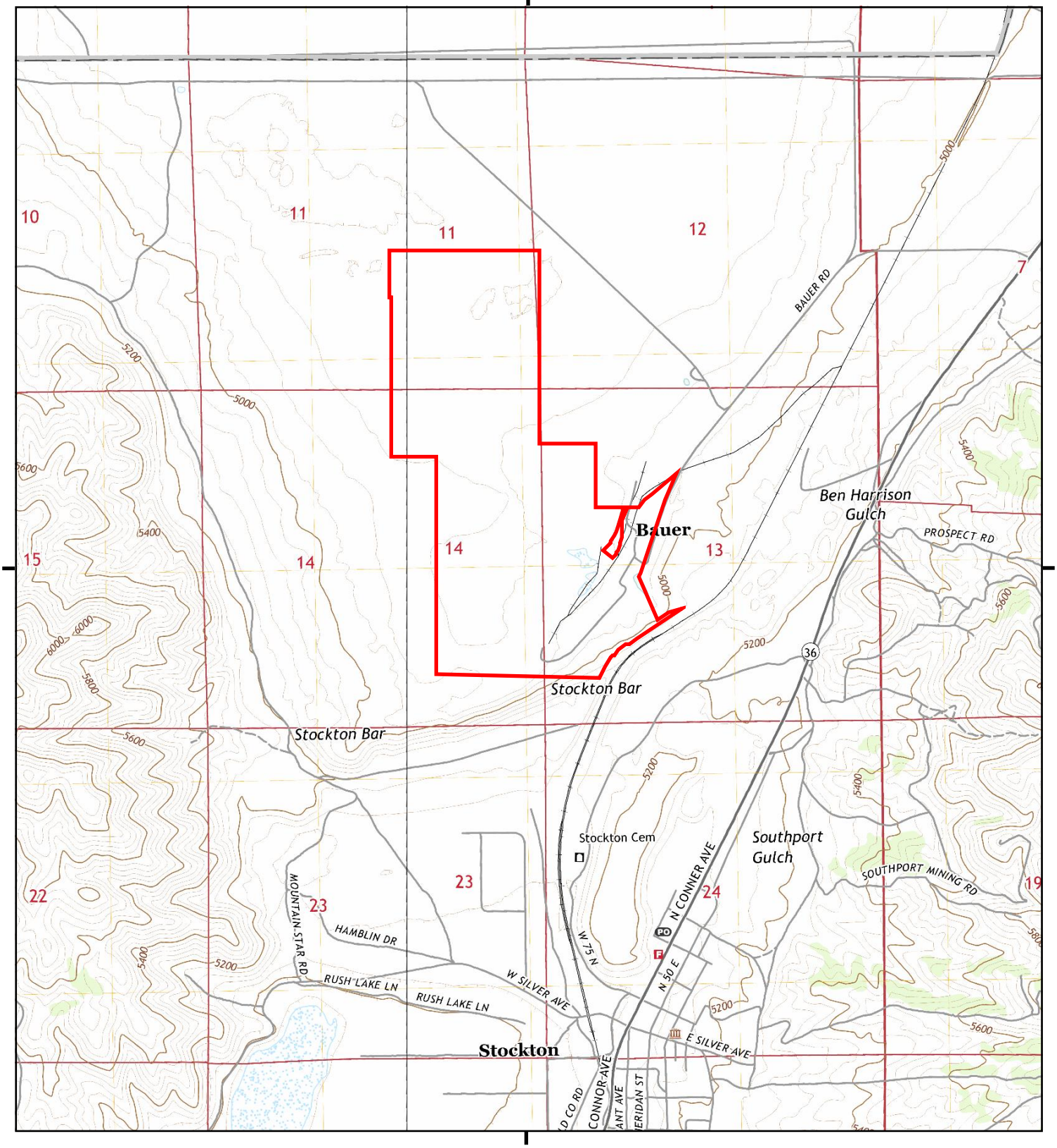
Stockton
1955
15-minute, 62500
Aerial Photo Revised 1952

1918 Source Sheets

Stockton
1918
15-minute, 62500

Historical Topo Map

2020



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

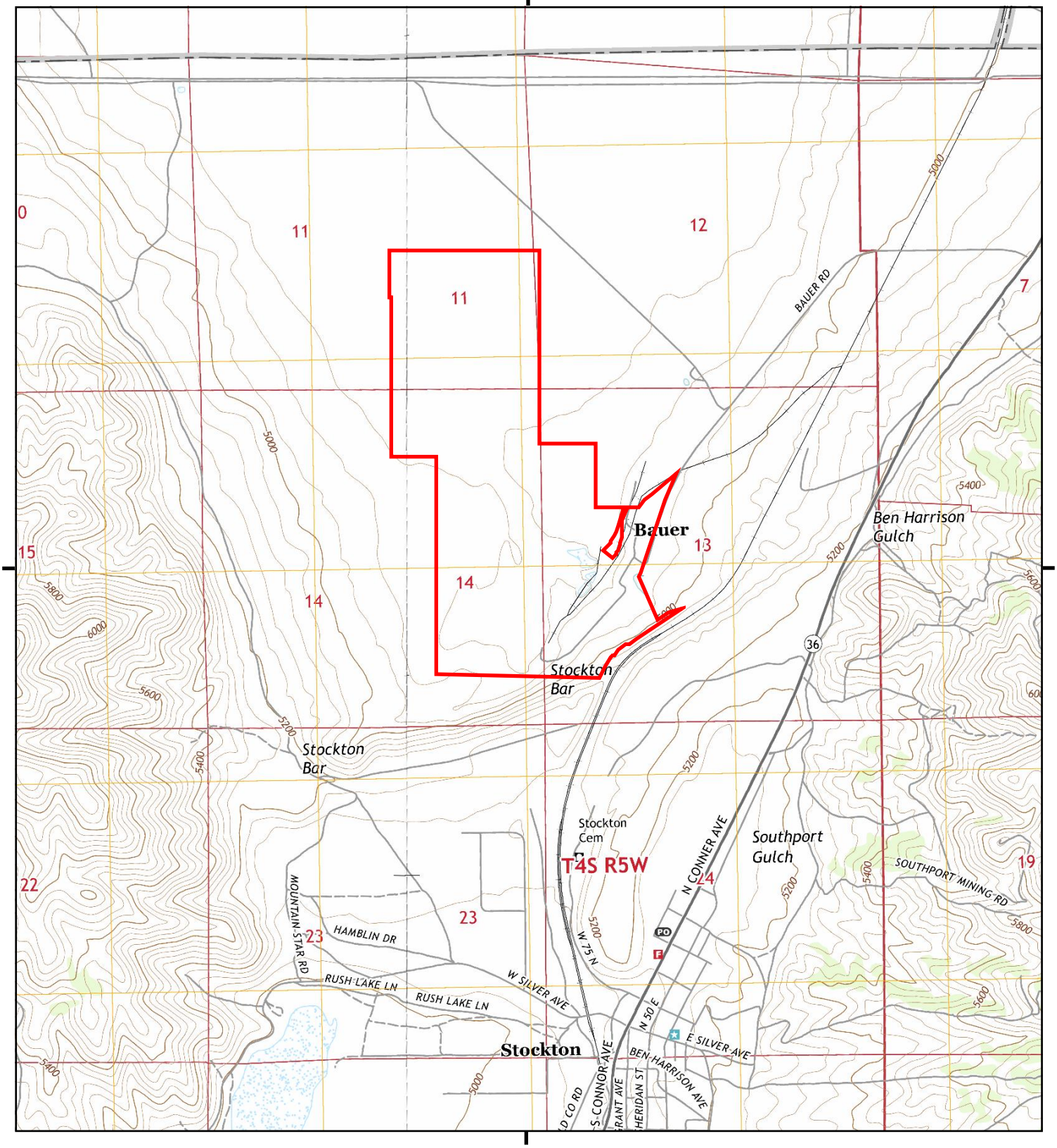
TP, Stockton, 2020, 7.5-minute
SW, South Mountain, 2020, 7.5-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

2017



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

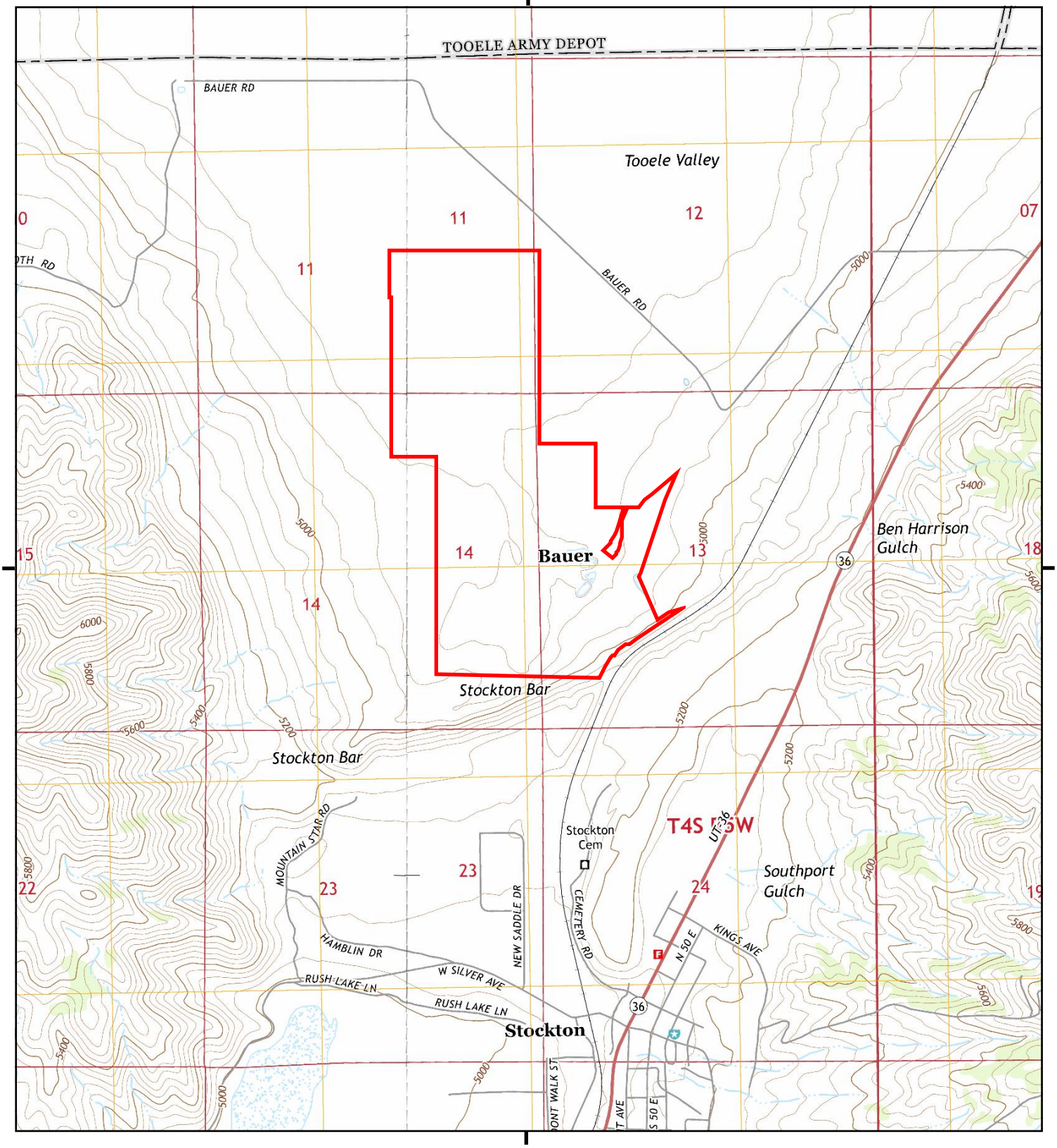
TP, Stockton, 2017, 7.5-minute
SW, South Mountain, 2017, 7.5-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

2014



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NW N NE
W E
SW S SE

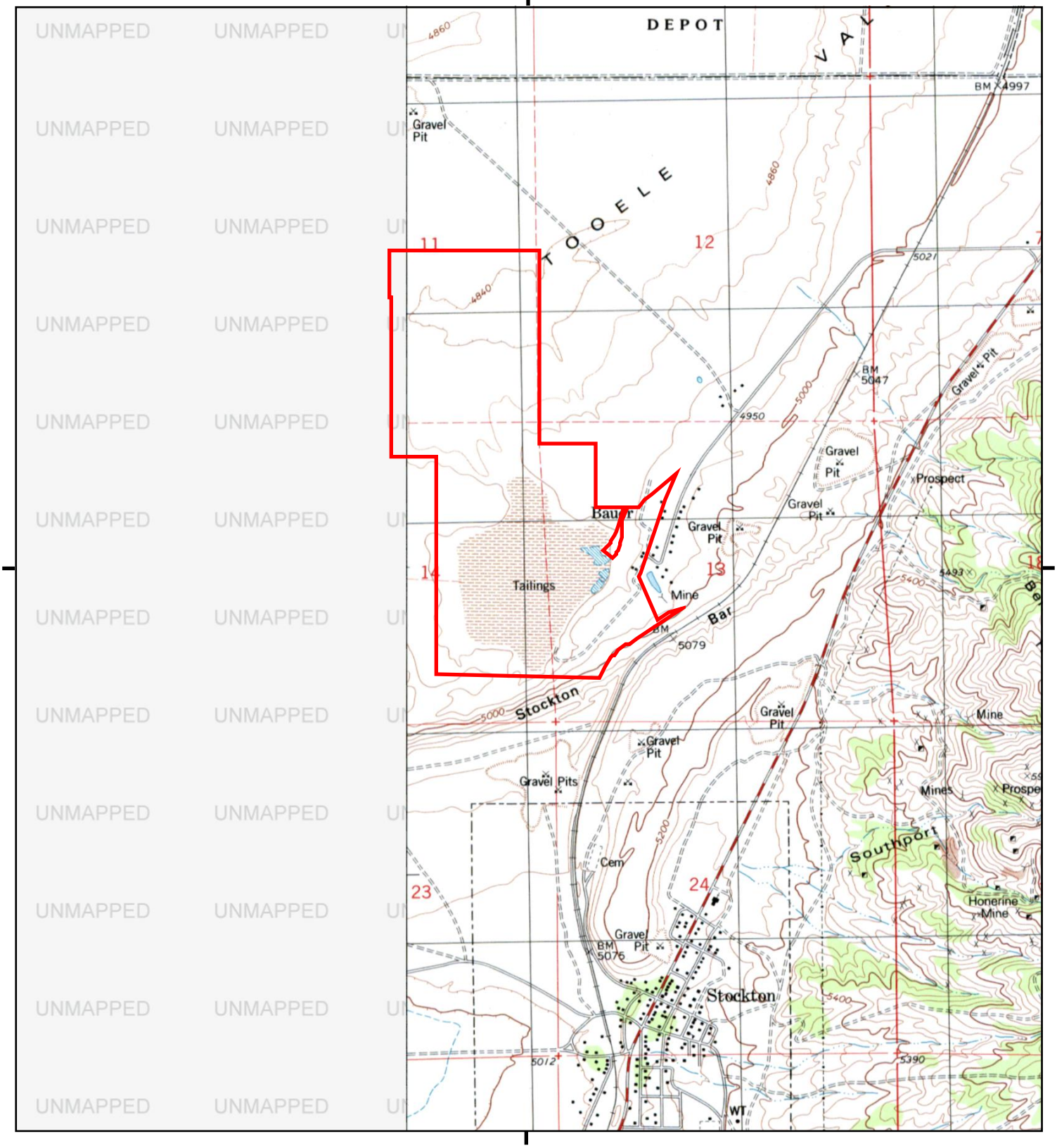
TP, Stockton, 2014, 7.5-minute
SW, South Mountain, 2014, 7.5-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

1997



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

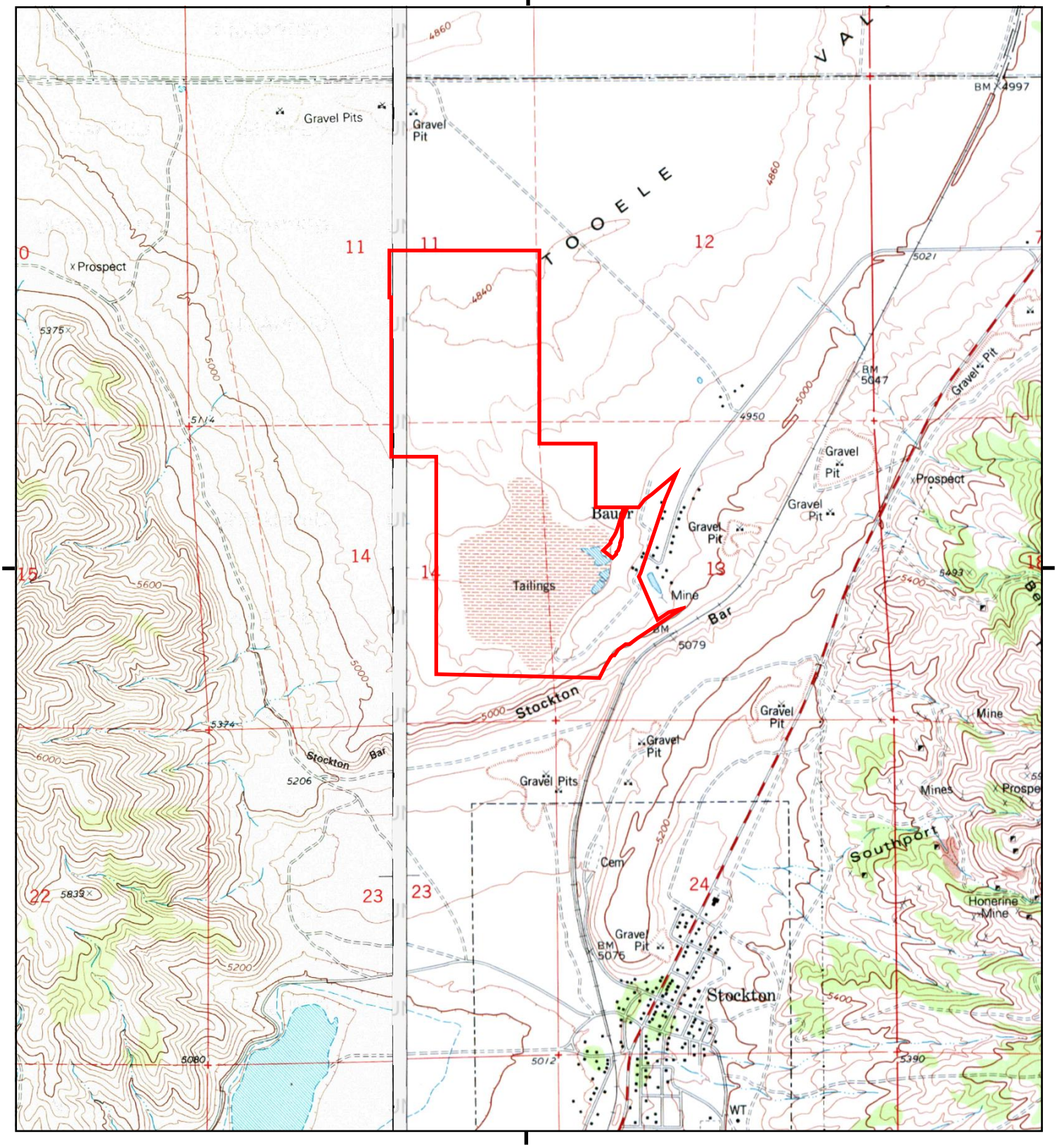
TP, STOCKTON, 1997, 7.5-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

1993



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

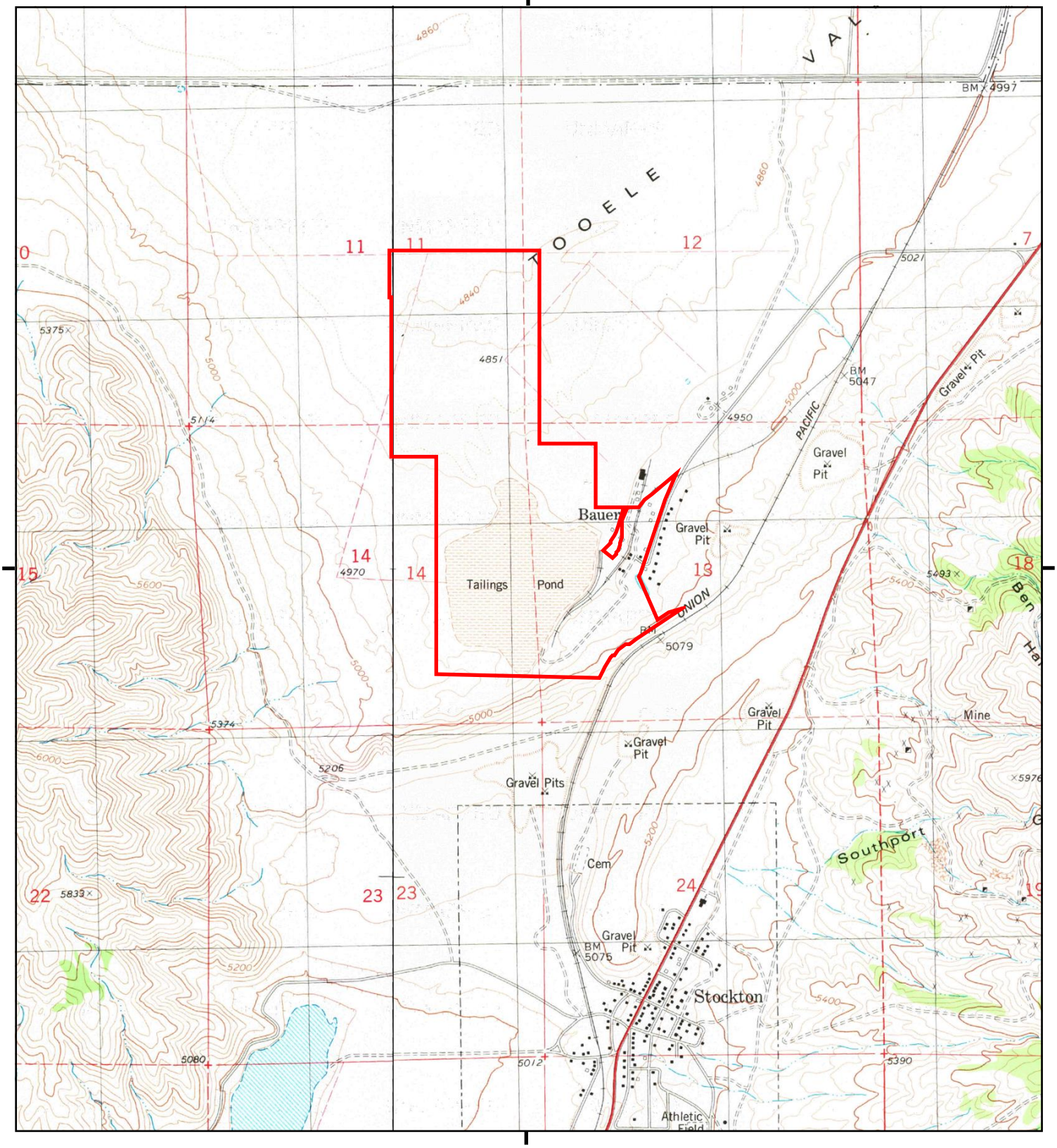
TP, STOCKTON, 1993, 7.5-minute
SW, South Mountain, 1993, 7.5-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

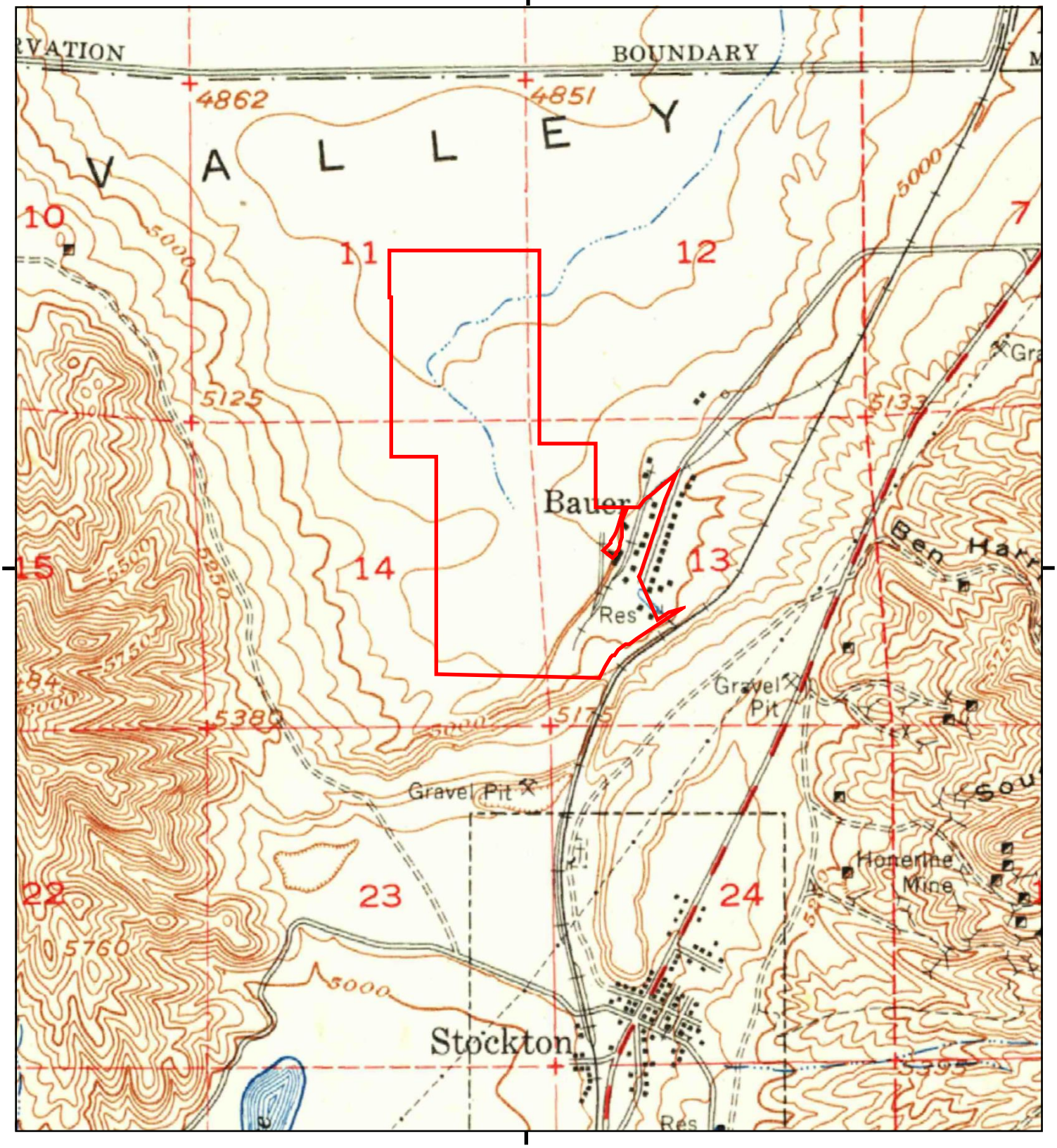
TP, Stockton, 1980, 7.5-minute
SW, South Mountain, 1980, 7.5-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

1955



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

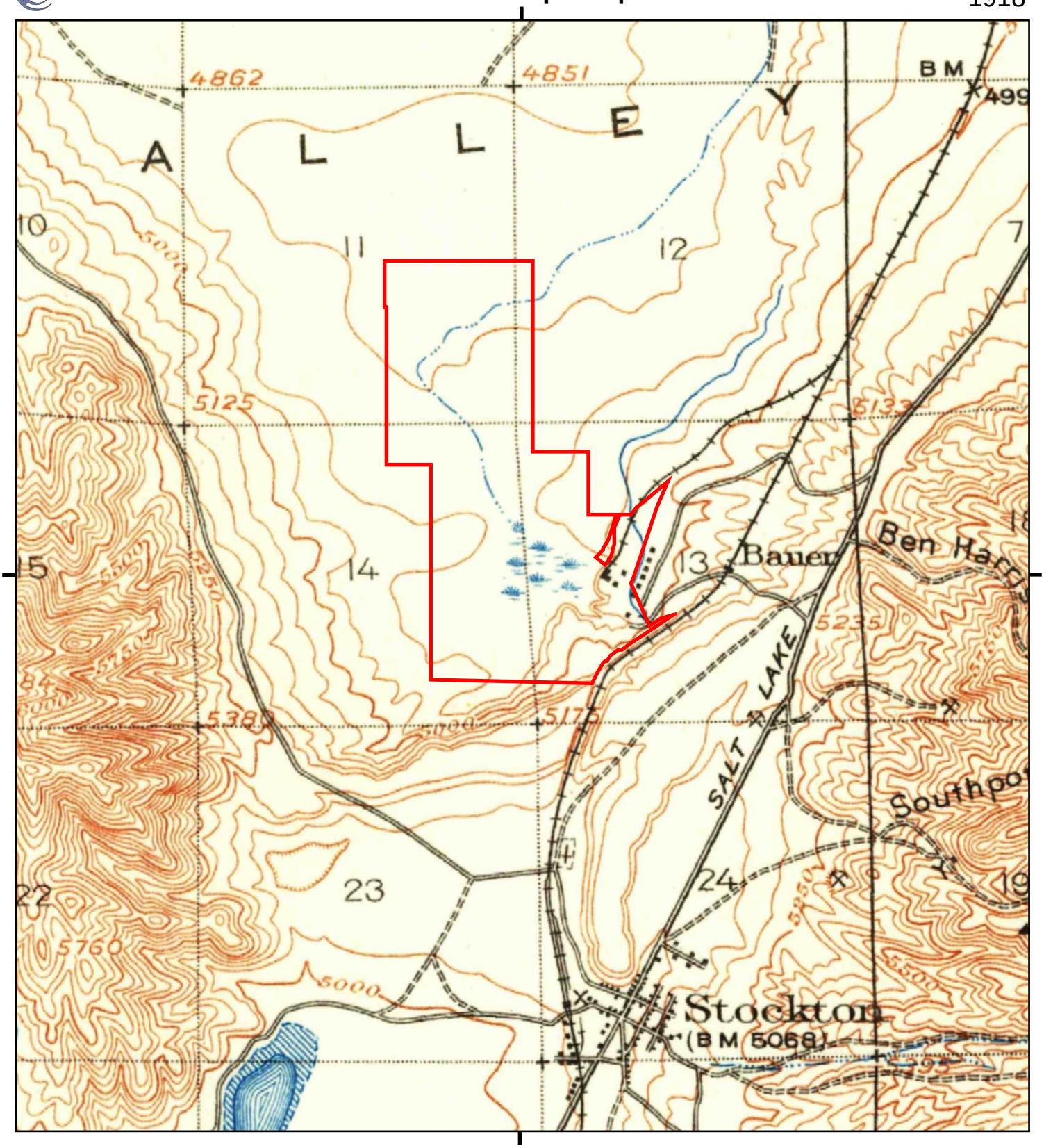
TP, Stockton, 1955, 15-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

Historical Topo Map

1918



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Stockton, 1918, 15-minute

SITE NAME: Bauer Tailings Site
ADDRESS: 40.4715093, -112.3681012
Tooele, UT 84074
CLIENT: Tetra Tech EM, Inc.

N

APPENDIX F-3

BUILDING PERMIT REPORT

Bauer Tailings Site
40.4715093, -112.3681012
Tooele, UT 84074

Inquiry Number: 7037213.8
June 29, 2022

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Building Permit Report: Search Documentation

6/29/22

Site Name:
Bauer Tailings Site
40.4715093, -
Tooele, UT 84074

EDR Inquiry # 7037213.8

Client Name:
Tetra Tech EM, Inc.
1560 Broadway, Ste. 1400 &
Denver, CO 80202

Contact: Madison Ericson

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 6/29/22, EDR does not have access to building permits in the city where your target property is located (Tooele, UT).

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

APPENDIX F-4

HISTORICAL CITY DIRECTORY SEARCH

Bauer Tailings Site
40.4715093, -112.3681012
Tooele, UT 84074

Inquiry Number: 7037213.5
July 01, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

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City Directory Images

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by
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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☐	☐	EDR Digital Archive
2014	☐	☑	EDR Digital Archive
2010	☐	☑	EDR Digital Archive
2005	☐	☐	EDR Digital Archive
2000	☐	☑	EDR Digital Archive
1995	☐	☐	EDR Digital Archive
1992	☐	☐	EDR Digital Archive
1987	☐	☐	Polk's City Directory
1982	☐	☐	Polk's City Directory
1977	☐	☐	Polk's City Directory
1973	☐	☐	Polk's City Directory
1970	☐	☐	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

40.4715093, -112.3681012
Tooele, UT 84074

No Addresses Found

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
S BAUER RD			
2017	-	EDR Digital Archive	Street not listed in Source
2014	pg. A1	EDR Digital Archive	
2010	pg. A2	EDR Digital Archive	
2005	-	EDR Digital Archive	Street not listed in Source
2000	pg. A3	EDR Digital Archive	
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1970	-	Polk's City Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

S BAUER RD 2014

2830 COUNTY OF TOOELE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

S BAUER RD 2010

2830 GENEVA ROCK PRODUCTS

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

S BAUER RD 2000

2830 STAKER PAVING & CONSTRUCTION COMPANY INCORPORATED
TOOELE CNTY OF SLD WST MAINTENANCE FACLTY LNDFLL

APPENDIX F-5

HISTORICAL SANBORN MAP

Bauer Tailings Site

40.4715093, -112.3681012

Tooele, UT 84074

Inquiry Number: 7037213.3

June 29, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/29/22

Site Name:

Bauer Tailings Site
40.4715093, -112.3681012
Tooele, UT 84074
EDR Inquiry # 7037213.3

Client Name:

Tetra Tech EM, Inc.
1560 Broadway, Ste. 1400 & 1450
Denver, CO 80202
Contact: Madison Ericson

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EM, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # E1CB-4601-9346

PO # NA

Project Bauer Tailings Site

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: E1CB-4601-9346

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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