



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

May 26, 2011

Ted Bzenas - Mail Code OSRR02-2
US EPA New England R1

Project Number: 11050026

Project: A & J Floral - Benton, ME

Analysis: VOAs in Soil High Level Method

Analyst: Joseph Montanaro

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-VOAGCMS9.

Samples were analyzed by GC/MS. Samples were introduced to the GC via a Tekmar preconcentrator and an Archon auto-sampler. The analysis SOP is based on US EPA Method 8260B, revision 2.0, 1996 and Method 5035A, draft revision 1, 2002, from SW-846.

Date Samples Received by the Laboratory: 05/20/2011

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

Daniel N. Boudreau
Chemistry Team Leader

Qualifiers: RL = Reporting limit
ND = Not Detected above Reporting limit
NA = Not Applicable due to high sample dilutions or sample interferences
NC = Not calculated since analyte concentration is ND.
J = Estimated value
E = Estimated value exceeds the calibration range
L = Estimated value is below the calibration range
B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.
R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

VOAs in Soil High Level Method

Client Sample ID: D03211
Date of Collection: 5/17/2011
Date of Extraction: 5/24/11
Date of Analysis: 5/24/11
Dry Weight Extracted: 10.466 grams
Wet Weight Extracted: 12.170 grams

Lab Sample ID: AB17830
Matrix: Soil
Volume Purged: 5 mL
Percent Solids: 86%
Extract Dilution: 50
pH: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	56	
71-55-6	1,1,1-Trichloroethane	ND	56	
79-34-5	1,1,2,2-Tetrachloroethane	ND	56	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	56	
79-00-5	1,1,2-Trichloroethane	ND	56	
75-35-4	1,1-Dichloroethylene	ND	56	
563-58-6	1,1-Dichloropropene	ND	56	
75-34-3	1,1-dichloroethane	ND	56	
87-61-6	1,2,3-Trichlorobenzene	ND	56	
96-18-4	1,2,3-Trichloropropane	ND	56	
120-82-1	1,2,4-Trichlorobenzene	ND	56	
95-63-6	1,2,4-Trimethylbenzene	ND	56	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	56	
106-93-4	1,2-Dibromoethane	ND	56	
95-50-1	1,2-Dichlorobenzene	ND	56	
107-06-2	1,2-Dichloroethane	ND	56	
78-87-5	1,2-Dichloropropane	ND	56	
108-67-8	1,3,5-Trimethylbenzene	ND	56	
541-73-1	1,3-Dichlorobenzene	ND	56	
142-28-9	1,3-Dichloropropane	ND	56	
106-46-7	1,4-Dichlorobenzene	ND	56	
594-20-7	2,2-Dichloropropane	ND	56	
78-93-3	2-Butanone (MEK)	ND	56	
95-49-8	2-Chlorotoluene	ND	56	
591-78-6	2-Hexanone	ND	56	
67-64-1	2-Propanone (acetone)	ND	56	
106-43-4	4-Chlorotoluene	ND	56	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	56	
107-13-1	Acrylonitrile	ND	56	
71-43-2	Benzene	ND	56	
108-86-1	Bromobenzene	ND	56	
74-97-5	Bromochloromethane	ND	56	
75-27-4	Bromodichloromethane	ND	56	
75-25-2	Bromoform	ND	56	
74-83-9	Bromomethane	ND	56	
75-15-0	Carbon Disulfide	ND	56	
56-23-5	Carbon tetrachloride	ND	56	
108-90-7	Chlorobenzene	ND	56	
75-00-3	Chloroethane	ND	56	

67-66-3	Chloroform	ND	56
74-87-3	Chloromethane	ND	56
124-48-1	Dibromochloromethane	ND	56
74-95-3	Dibromomethane	ND	56
75-71-8	Dichlorodifluoromethane	ND	56
60-29-7	Ethyl Ether	ND	56
100-41-4	Ethylbenzene	ND	56
87-68-3	Hexachlorobutadiene	ND	56
98-82-8	Isopropylbenzene	ND	56
108-38-3/106-42-	M/P Xylene	ND	110
1634-04-4	Methyl-t-Butyl Ether	ND	56
75-09-2	Methylene Chloride	ND	56
104-51-8	N-Butylbenzene	ND	56
103-65-1	N-Propylbenzene	ND	56
91-20-3	Naphthalene	ND	56
95-47-6	Ortho Xylene	ND	56
99-87-6	Para-Isopropyltoluene	ND	56
135-98-8	Sec-Butylbenzene	ND	56
100-42-5	Styrene	ND	56
98-06-6	Tert-Butylbenzene	ND	56
127-18-4	Tetrachloroethylene	ND	56
109-99-9	Tetrahydrofuran	ND	56
108-88-3	Toluene	ND	56
156-60-5	Trans-1,2-Dichloroethylene	ND	56
79-01-6	Trichloroethylene	ND	56
75-69-4	Trichlorofluoromethane	ND	56
108-05-4	Vinyl Acetate	ND	56
75-01-4	Vinyl Chloride	ND	56
10061-01-5	c-1,3-dichloropropene	ND	56
156-59-2	cis-1,2-Dichloroethylene	ND	56
10061-02-6	t-1,3-Dichloropropene	ND	56

J

Surrogate Compounds

1,4-Bromofluorobenzene
1,2-Dichloroethane-D4
Toluene-D8

Recoveries (%)

103
114
99

QC Ranges

78 - 111
74 - 136
85 - 118

Comments: Vinyl acetate did not meet the criteria for initial calibration and is qualified with a J.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Soil
Date of Extraction:	5/24/11	Volume Purged:	5 mL
Date of Analysis:	5/24/11	Percent Solids:	N/A
Dry Weight Extracted:	N/A	Extract Dilution:	1
Wet Weight Extracted:	N/A	pH:	~6

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	
71-55-6	1,1,1-Trichloroethane	ND	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	
79-00-5	1,1,2-Trichloroethane	ND	1.0	
75-35-4	1,1-Dichloroethylene	ND	1.0	
563-58-6	1,1-Dichloropropene	ND	1.0	
75-34-3	1,1-dichloroethane	ND	1.0	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	
96-18-4	1,2,3-Trichloropropane	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	1.0	
106-93-4	1,2-Dibromoethane	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	1.0	
107-06-2	1,2-Dichloroethane	ND	1.0	
78-87-5	1,2-Dichloropropane	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	1.0	
142-28-9	1,3-Dichloropropane	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	1.0	
594-20-7	2,2-Dichloropropane	ND	1.0	
78-93-3	2-Butanone (MEK)	ND	1.0	
95-49-8	2-Chlorotoluene	ND	1.0	
591-78-6	2-Hexanone	ND	1.0	
67-64-1	2-Propanone (acetone)	ND	1.0	
106-43-4	4-Chlorotoluene	ND	1.0	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	1.0	
107-13-1	Acrylonitrile	ND	1.0	
71-43-2	Benzene	ND	1.0	
108-86-1	Bromobenzene	ND	1.0	
74-97-5	Bromochloromethane	ND	1.0	
75-27-4	Bromodichloromethane	ND	1.0	
75-25-2	Bromoform	ND	1.0	
74-83-9	Bromomethane	ND	1.0	
75-15-0	Carbon Disulfide	ND	1.0	
56-23-5	Carbon tetrachloride	ND	1.0	
108-90-7	Chlorobenzene	ND	1.0	
75-00-3	Chloroethane	ND	1.0	

67-66-3	Chloroform	ND	1.0
74-87-3	Chloromethane	ND	1.0
124-48-1	Dibromochloromethane	ND	1.0
74-95-3	Dibromomethane	ND	1.0
75-71-8	Dichlorodifluoromethane	ND	1.0
60-29-7	Ethyl Ether	ND	1.0
100-41-4	Ethylbenzene	ND	1.0
87-68-3	Hexachlorobutadiene	ND	1.0
98-82-8	Isopropylbenzene	ND	1.0
108-38-3/106-42-	M/P Xylene	ND	2.0
1634-04-4	Methyl-t-Butyl Ether	ND	1.0
75-09-2	Methylene Chloride	ND	1.0
104-51-8	N-Butylbenzene	ND	1.0
103-65-1	N-Propylbenzene	ND	1.0
91-20-3	Naphthalene	ND	1.0
95-47-6	Ortho Xylene	ND	1.0
99-87-6	Para-Isopropyltoluene	ND	1.0
135-98-8	Sec-Butylbenzene	ND	1.0
100-42-5	Styrene	ND	1.0
98-06-6	Tert-Butylbenzene	ND	1.0
127-18-4	Tetrachloroethylene	ND	1.0
109-99-9	Tetrahydrofuran	ND	1.0
108-88-3	Toluene	ND	1.0
156-60-5	Trans-1,2-Dichloroethylene	ND	1.0
79-01-6	Trichloroethylene	ND	1.0
75-69-4	Trichlorofluoromethane	ND	1.0
108-05-4	Vinyl Acetate	ND	1.0
75-01-4	Vinyl Chloride	ND	1.0
10061-01-5	c-1,3-dichloropropene	ND	1.0
156-59-2	cis-1,2-Dichloroethylene	ND	1.0
10061-02-6	t-1,3-Dichloropropene	ND	1.0

J

Surrogate Compounds

Recoveries (%)

QC Ranges

1,2-Dichloroethane-D4

112

74 - 136

Toluene-D8

99

85 - 118

1,4-Bromofluorobenzene

103

78 - 111

Comments: Laboratory blank is reported in ug/L.

Laboratory blank is associated with all samples in this project.

Vinyl acetate did not meet the criteria for initial calibration and is qualified with a J.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

VOAs in Soil High Level Method

Client Sample ID: D03213
Date of Collection: 5/18/2011
Date of Extraction: 5/24/11
Date of Analysis: 5/24/11
Dry Weight Extracted: 6.902 grams
Wet Weight Extracted: 7.933 grams

Lab Sample ID: AB17832
Matrix: Soil
Volume Purged: 5 mL
Percent Solids: 87%
Extract Dilution: 50
pH: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	80	
71-55-6	1,1,1-Trichloroethane	ND	80	
79-34-5	1,1,2,2-Tetrachloroethane	ND	80	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	80	
79-00-5	1,1,2-Trichloroethane	ND	80	
75-35-4	1,1-Dichloroethylene	ND	80	
563-58-6	1,1-Dichloropropene	ND	80	
75-34-3	1,1-dichloroethane	ND	80	
87-61-6	1,2,3-Trichlorobenzene	ND	80	
96-18-4	1,2,3-Trichloropropane	ND	80	
120-82-1	1,2,4-Trichlorobenzene	ND	80	
95-63-6	1,2,4-Trimethylbenzene	ND	80	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	80	
106-93-4	1,2-Dibromoethane	ND	80	
95-50-1	1,2-Dichlorobenzene	ND	80	
107-06-2	1,2-Dichloroethane	ND	80	
78-87-5	1,2-Dichloropropane	ND	80	
108-67-8	1,3,5-Trimethylbenzene	ND	80	
541-73-1	1,3-Dichlorobenzene	ND	80	
142-28-9	1,3-Dichloropropane	ND	80	
106-46-7	1,4-Dichlorobenzene	ND	80	
594-20-7	2,2-Dichloropropane	ND	80	
78-93-3	2-Butanone (MEK)	ND	80	
95-49-8	2-Chlorotoluene	ND	80	
591-78-6	2-Hexanone	ND	80	
67-64-1	2-Propanone (acetone)	ND	80	
106-43-4	4-Chlorotoluene	ND	80	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	80	
107-13-1	Acrylonitrile	ND	80	
71-43-2	Benzene	ND	80	
108-86-1	Bromobenzene	ND	80	
74-97-5	Bromochloromethane	ND	80	
75-27-4	Bromodichloromethane	ND	80	
75-25-2	Bromoform	ND	80	
74-83-9	Bromomethane	ND	80	
75-15-0	Carbon Disulfide	ND	80	
56-23-5	Carbon tetrachloride	ND	80	
108-90-7	Chlorobenzene	ND	80	
75-00-3	Chloroethane	ND	80	

67-66-3	Chloroform	ND	80
74-87-3	Chloromethane	ND	80
124-48-1	Dibromochloromethane	ND	80
74-95-3	Dibromomethane	ND	80
75-71-8	Dichlorodifluoromethane	ND	80
60-29-7	Ethyl Ether	ND	80
100-41-4	Ethylbenzene	ND	80
87-68-3	Hexachlorobutadiene	ND	80
98-82-8	Isopropylbenzene	ND	80
108-38-3/106-42-	M/P Xylene	ND	160
1634-04-4	Methyl-t-Butyl Ether	ND	80
75-09-2	Methylene Chloride	ND	80
104-51-8	N-Butylbenzene	ND	80
103-65-1	N-Propylbenzene	ND	80
91-20-3	Naphthalene	ND	80
95-47-6	Ortho Xylene	ND	80
99-87-6	Para-Isopropyltoluene	ND	80
135-98-8	Sec-Butylbenzene	ND	80
100-42-5	Styrene	ND	80
98-06-6	Tert-Butylbenzene	ND	80
127-18-4	Tetrachloroethylene	ND	80
109-99-9	Tetrahydrofuran	ND	80
108-88-3	Toluene	ND	80
156-60-5	Trans-1,2-Dichloroethylene	ND	80
79-01-6	Trichloroethylene	ND	80
75-69-4	Trichlorofluoromethane	ND	80
108-05-4	Vinyl Acetate	ND	80
75-01-4	Vinyl Chloride	ND	80
10061-01-5	c-1,3-dichloropropene	ND	80
156-59-2	cis-1,2-Dichloroethylene	ND	80
10061-02-6	t-1,3-Dichloropropene	ND	80

J

Surrogate Compounds	Recoveries (%)	QC Ranges
1,4-Bromofluorobenzene	105	78 - 111
1,2-Dichloroethane-D4	116	74 - 136
Toluene-D8	100	85 - 118

Comments: Vinyl acetate did not meet the criteria for initial calibration and is qualified with a J.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

VOAs in Soil High Level Method

Client Sample ID: D03225
Date of Collection: 5/17/2011
Date of Extraction: 5/24/11
Date of Analysis: 5/24/11
Dry Weight Extracted: N/A
Wet Weight Extracted: N/A

Lab Sample ID: AB17844
Matrix: Pres. Blank
Volume Purged: 5 mL
Percent Solids: N/A
Extract Dilution: 50
pH: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	
71-55-6	1,1,1-Trichloroethane	ND	50	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	
79-00-5	1,1,2-Trichloroethane	ND	50	
75-35-4	1,1-Dichloroethylene	ND	50	
563-58-6	1,1-Dichloropropene	ND	50	
75-34-3	1,1-dichloroethane	ND	50	
87-61-6	1,2,3-Trichlorobenzene	ND	50	
96-18-4	1,2,3-Trichloropropane	ND	50	
120-82-1	1,2,4-Trichlorobenzene	ND	50	
95-63-6	1,2,4-Trimethylbenzene	ND	50	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	50	
106-93-4	1,2-Dibromoethane	ND	50	
95-50-1	1,2-Dichlorobenzene	ND	50	
107-06-2	1,2-Dichloroethane	ND	50	
78-87-5	1,2-Dichloropropane	ND	50	
108-67-8	1,3,5-Trimethylbenzene	ND	50	
541-73-1	1,3-Dichlorobenzene	ND	50	
142-28-9	1,3-Dichloropropane	ND	50	
106-46-7	1,4-Dichlorobenzene	ND	50	
594-20-7	2,2-Dichloropropane	ND	50	
78-93-3	2-Butanone (MEK)	ND	50	
95-49-8	2-Chlorotoluene	ND	50	
591-78-6	2-Hexanone	ND	50	
67-64-1	2-Propanone (acetone)	ND	50	
106-43-4	4-Chlorotoluene	ND	50	
108-10-1	4-Methyl-2-Pentanone(MIBK)	ND	50	
107-13-1	Acrylonitrile	ND	50	
71-43-2	Benzene	ND	50	
108-86-1	Bromobenzene	ND	50	
74-97-5	Bromochloromethane	ND	50	
75-27-4	Bromodichloromethane	ND	50	
75-25-2	Bromoform	ND	50	
74-83-9	Bromomethane	ND	50	
75-15-0	Carbon Disulfide	ND	50	
56-23-5	Carbon tetrachloride	ND	50	
108-90-7	Chlorobenzene	ND	50	
75-00-3	Chloroethane	ND	50	

67-66-3	Chloroform	ND	50
74-87-3	Chloromethane	ND	50
124-48-1	Dibromochloromethane	ND	50
74-95-3	Dibromomethane	ND	50
75-71-8	Dichlorodifluoromethane	ND	50
60-29-7	Ethyl Ether	ND	50
100-41-4	Ethylbenzene	ND	50
87-68-3	Hexachlorobutadiene	ND	50
98-82-8	Isopropylbenzene	ND	50
108-38-3/106-42-	M/P Xylene	ND	100
1634-04-4	Methyl-t-Butyl Ether	ND	50
75-09-2	Methylene Chloride	ND	50
104-51-8	N-Butylbenzene	ND	50
103-65-1	N-Propylbenzene	ND	50
91-20-3	Naphthalene	ND	50
95-47-6	Ortho Xylene	ND	50
99-87-6	Para-Isopropyltoluene	ND	50
135-98-8	Sec-Butylbenzene	ND	50
100-42-5	Styrene	ND	50
98-06-6	Tert-Butylbenzene	ND	50
127-18-4	Tetrachloroethylene	ND	50
109-99-9	Tetrahydrofuran	ND	50
108-88-3	Toluene	ND	50
156-60-5	Trans-1,2-Dichloroethylene	ND	50
79-01-6	Trichloroethylene	ND	50
75-69-4	Trichlorofluoromethane	ND	50
108-05-4	Vinyl Acetate	ND	50
75-01-4	Vinyl Chloride	ND	50
10061-01-5	c-1,3-dichloropropene	ND	50
156-59-2	cis-1,2-Dichloroethylene	ND	50
10061-02-6	t-1,3-Dichloropropene	ND	50

J

Surrogate Compounds

Surrogate Compounds	Recoveries (%)	QC Ranges
1,4-Bromofluorobenzene	102	78 - 111
1,2-Dichloroethane-D4	112	74 - 136
Toluene-D8	100	85 - 118

Comments: Preservative blank is reported in ug/L.

Vinyl acetate did not meet the criteria for initial calibration and is qualified with a J.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

VOA MATRIX SPIKE (MS) / MATRIX SPIKE DUPLICATE (MSD) RECOVERY

A & J Floral - Benton, ME

Sample ID: AB17830

PARAMETER	SPIKE ADDED ug/Kg	SAMPLE CONCENTRATION ug/Kg	MS CONCENTRATION ug/Kg	MS % REC	QC LIMITS (% REC)
1,1,1,2-Tetrachloroethane	1,118	ND	1200	110	70 - 130
1,1,1-Trichloroethane	1,118	ND	1300	120	70 - 130
1,1,2,2-Tetrachloroethane	1,118	ND	1200	110	70 - 130
1,1,2-Trichloro-1,2,2-Trifluoroe	1,118	ND	1200	110	70 - 130
1,1,2-Trichloroethane	1,118	ND	1100	98	70 - 130
1,1-Dichloroethylene	1,118	ND	1100	98	80 - 138
1,1-Dichloropropene	1,118	ND	1200	110	70 - 130
1,1-dichloroethane	1,118	ND	1200	110	70 - 130
1,2,3-Trichlorobenzene	1,118	ND	1100	98	70 - 130
1,2,3-Trichloropropane	1,118	ND	1200	110	70 - 130
1,2,4-Trichlorobenzene	1,118	ND	1100	98	70 - 130
1,2,4-Trimethylbenzene	1,118	ND	1200	110	70 - 130
1,2-Dibromo-3-Chloropropane	1,118	ND	1200	110	70 - 130
1,2-Dibromoethane	1,118	ND	1200	110	70 - 130
1,2-Dichlorobenzene	1,118	ND	1100	98	70 - 130
1,2-Dichloroethane	1,118	ND	1300	120	70 - 130
1,2-Dichloropropane	1,118	ND	1100	98	70 - 130
1,3,5-Trimethylbenzene	1,118	ND	1200	110	70 - 130
1,3-Dichlorobenzene	1,118	ND	1100	98	70 - 130
1,3-Dichloropropane	1,118	ND	1200	110	70 - 130
1,4-Dichlorobenzene	1,118	ND	1100	98	70 - 130
2,2-Dichloropropane	1,118	ND	1600	140	70 - 130
2-Butanone (MEK)	1,118	ND	1400	130	70 - 130
2-Chlorotoluene	1,118	ND	1100	98	70 - 130
2-Hexanone	1,118	ND	1400	130	70 - 130
2-Propanone (acetone)	1,118	ND	990	89	70 - 130
4-Chlorotoluene	1,118	ND	1200	110	70 - 130
4-Methyl-2-Pentanone(MIBK)	1,118	ND	1200	110	70 - 130
Acrylonitrile	1,118	ND	1100	98	70 - 130
Benzene	1,118	ND	1100	98	87 - 125
Bromobenzene	1,118	ND	1100	98	70 - 130
Bromochloromethane	1,118	ND	1100	98	70 - 130
Bromodichloromethane	1,118	ND	1200	110	70 - 130
Bromoform	1,118	ND	1000	89	70 - 130
Bromomethane	1,118	ND	1300	120	70 - 130
Carbon Disulfide	1,118	ND	1100	98	70 - 130
Carbon tetrachloride	1,118	ND	1400	130	70 - 130
Chlorobenzene	1,118	ND	1200	110	78 - 131
Chloroethane	1,118	ND	1100	98	70 - 130
Chloroform	1,118	ND	1200	110	70 - 130
Chloromethane	1,118	ND	1200	110	70 - 130
Dibromochloromethane	1,118	ND	1200	110	70 - 130
Dibromomethane	1,118	ND	1200	110	70 - 130
Dichlorodifluoromethane	1,118	ND	1200	110	70 - 130
Ethyl Ether	1,118	ND	1100	98	70 - 130
Ethylbenzene	1,118	ND	1200	110	70 - 130
Hexachlorobutadiene	1,118	ND	1200	110	70 - 130
Isopropylbenzene	1,118	ND	1100	98	70 - 130

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

M/P Xylene	2,236	ND	2300	100	70 - 130
Methyl-t-Butyl Ether	1,118	ND	1200	110	70 - 130
Methylene Chloride	1,118	ND	1200	110	70 - 130
N-Butylbenzene	1,118	ND	1200	110	70 - 130
N-Propylbenzene	1,118	ND	1100	98	70 - 130
Naphthalene	1,118	ND	1100	98	70 - 130
Ortho Xylene	1,118	ND	1100	98	70 - 130
Para-Isopropyltoluene	1,118	ND	1200	110	70 - 130
Sec-Butylbenzene	1,118	ND	1200	110	70 - 130
Styrene	1,118	ND	1100	98	70 - 130
Tert-Butylbenzene	1,118	ND	1200	110	70 - 130
Tetrachloroethylene	1,118	ND	1200	110	70 - 130
Tetrahydrofuran	1,118	ND	1200	110	70 - 130
Toluene	1,118	ND	1100	98	66 - 150
Trans-1,2-Dichloroethylene	1,118	ND	1100	98	70 - 130
Trichloroethylene	1,118	ND	1100	98	78 - 102
Trichlorofluoromethane	1,118	ND	1200	110	70 - 130
Vinyl Acetate	1,118	ND	2000	180	70 - 130
Vinyl Chloride	1,118	ND	1100	98	70 - 130
c-1,3-dichloropropene	1,118	ND	1400	130	70 - 130
cis-1,2-Dichloroethylene	1,118	ND	1100	98	70 - 130
t-1,3-Dichloropropene	1,118	ND	1300	120	70 - 130

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Sample ID: AB17830

PARAMETER	MSD SPIKE ADDED	MSD CONCENTRATION ug/Kg	MSD % REC	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	1,118	1200	110	0	40
1,1,1-Trichloroethane	1,118	1200	110	9	40
1,1,2,2-Tetrachloroethane	1,118	1200	110	0	40
1,1,2-Trichloro-1,2,2-Trifluoroetha	1,118	1100	98	12	40
1,1,2-Trichloroethane	1,118	1100	98	0	40
1,1-Dichloroethylene	1,118	1100	98	0	52
1,1-Dichloropropene	1,118	1200	110	0	40
1,1-dichloroethane	1,118	1100	98	12	40
1,2,3-Trichlorobenzene	1,118	1100	98	0	40
1,2,3-Trichloropropane	1,118	1200	110	0	40
1,2,4-Trichlorobenzene	1,118	1100	98	0	40
1,2,4-Trimethylbenzene	1,118	1200	110	0	40
1,2-Dibromo-3-Chloropropane	1,118	1200	110	0	40
1,2-Dibromoethane	1,118	1200	110	0	40
1,2-Dichlorobenzene	1,118	1100	98	0	40
1,2-Dichloroethane	1,118	1300	120	0	40
1,2-Dichloropropane	1,118	1100	98	0	40
1,3,5-Trimethylbenzene	1,118	1100	98	12	40
1,3-Dichlorobenzene	1,118	1100	98	0	40
1,3-Dichloropropane	1,118	1200	110	0	40
1,4-Dichlorobenzene	1,118	1100	98	0	40
2,2-Dichloropropane	1,118	1500	130	7	40
2-Butanone (MEK)	1,118	1300	120	8	40
2-Chlorotoluene	1,118	1100	98	0	40
2-Hexanone	1,118	1400	130	0	40
2-Propanone (acetone)	1,118	1000	89	0	40
4-Chlorotoluene	1,118	1100	98	12	40
4-Methyl-2-Pentanone(MIBK)	1,118	1200	110	0	40
Acrylonitrile	1,118	1100	98	0	40
Benzene	1,118	1100	98	0	24
Bromobenzene	1,118	1100	98	0	40
Bromochloromethane	1,118	1100	98	0	40
Bromodichloromethane	1,118	1200	110	0	40
Bromoform	1,118	1100	98	10	40
Bromomethane	1,118	1200	110	9	40
Carbon Disulfide	1,118	1100	98	0	40
Carbon tetrachloride	1,118	1400	130	0	40
Chlorobenzene	1,118	1100	98	12	34
Chloroethane	1,118	980	88	11	40
Chloroform	1,118	1200	110	0	40
Chloromethane	1,118	1100	98	12	40
Dibromochloromethane	1,118	1200	110	0	40
Dibromomethane	1,118	1200	110	0	40
Dichlorodifluoromethane	1,118	1200	110	0	40
Ethyl Ether	1,118	1100	98	0	40
Ethylbenzene	1,118	1100	98	12	40
Hexachlorobutadiene	1,118	1200	110	0	40
Isopropylbenzene	1,118	1100	98	0	40
M/P Xylene	2,236	2200	98	2	40
Methyl-t-Butyl Ether	1,118	1200	110	0	40
Methylene Chloride	1,118	1200	110	0	40
N-Butylbenzene	1,118	1100	98	12	40
N-Propylbenzene	1,118	1100	98	0	40
Naphthalene	1,118	1100	98	0	40

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Ortho Xylene	1,118	1100	98	0	40
Para-Isopropyltoluene	1,118	1100	98	12	40
Sec-Butylbenzene	1,118	1100	98	12	40
Styrene	1,118	1100	98	0	40
Tert-Butylbenzene	1,118	1100	98	12	40
Tetrachloroethylene	1,118	1100	98	12	40
Tetrahydrofuran	1,118	1200	110	0	40
Toluene	1,118	1100	98	0	33
Trans-1,2-Dichloroethylene	1,118	1100	98	0	40
Trichloroethylene	1,118	1100	98	0	27
Trichlorofluoromethane	1,118	1300	120	9	40
Vinyl Acetate	1,118	1700	150	18	40
Vinyl Chloride	1,118	1100	98	0	40
c-1,3-dichloropropene	1,118	1300	120	8	40
cis-1,2-Dichloroethylene	1,118	1100	98	0	40
t-1,3-Dichloropropene	1,118	1200	110	9	40

Comments:

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Duplicate Results

A & J Floral - Benton, ME

Sample ID: AB17830

PARAMETER	SAMPLE RESULT ug/Kg	SAMPLE DUPLICATE RESULT ug/Kg	PRECISION RPD %	QC LIMITS
1,1,1,2-Tetrachloroethane	ND	ND	ND	40
1,1,1-Trichloroethane	ND	ND	ND	40
1,1,2,2-Tetrachloroethane	ND	ND	ND	40
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ND	40
1,1,2-Trichloroethane	ND	ND	ND	40
1,1-Dichloroethylene	ND	ND	ND	40
1,1-Dichloropropene	ND	ND	ND	40
1,1-dichloroethane	ND	ND	ND	40
1,2,3-Trichlorobenzene	ND	ND	ND	40
1,2,3-Trichloropropane	ND	ND	ND	40
1,2,4-Trichlorobenzene	ND	ND	ND	40
1,2,4-Trimethylbenzene	ND	ND	ND	40
1,2-Dibromo-3-Chloropropane	ND	ND	ND	40
1,2-Dibromoethane	ND	ND	ND	40
1,2-Dichlorobenzene	ND	ND	ND	40
1,2-Dichloroethane	ND	ND	ND	40
1,2-Dichloropropane	ND	ND	ND	40
1,3,5-Trimethylbenzene	ND	ND	ND	40
1,3-Dichlorobenzene	ND	ND	ND	40
1,3-Dichloropropane	ND	ND	ND	40
1,4-Dichlorobenzene	ND	ND	ND	40
2,2-Dichloropropane	ND	ND	ND	40
2-Butanone (MEK)	ND	ND	ND	40
2-Chlorotoluene	ND	ND	ND	40
2-Hexanone	ND	ND	ND	40
2-Propanone (acetone)	ND	ND	ND	40
4-Chlorotoluene	ND	ND	ND	40
4-Methyl-2-Pentanone(MIBK)	ND	ND	ND	40
Acrylonitrile	ND	ND	ND	40
Benzene	ND	ND	ND	40
Bromobenzene	ND	ND	ND	40
Bromochloromethane	ND	ND	ND	40
Bromodichloromethane	ND	ND	ND	40
Bromoform	ND	ND	ND	40
Bromomethane	ND	ND	ND	40
Carbon Disulfide	ND	ND	ND	40
Carbon tetrachloride	ND	ND	ND	40
Chlorobenzene	ND	ND	ND	40
Chloroethane	ND	ND	ND	40
Chloroform	ND	ND	ND	40
Chloromethane	ND	ND	ND	40
Dibromochloromethane	ND	ND	ND	40
Dibromomethane	ND	ND	ND	40
Dichlorodifluoromethane	ND	ND	ND	40
Ethyl Ether	ND	ND	ND	40
Ethylbenzene	ND	ND	ND	40
Hexachlorobutadiene	ND	ND	ND	40
Isopropylbenzene	ND	ND	ND	40
M/P Xylene	ND	ND	ND	40
Methyl-t-Butyl Ether	ND	ND	ND	40

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Methylene Chloride	ND	ND	ND	40
N-Butylbenzene	ND	ND	ND	40
N-Propylbenzene	ND	ND	ND	40
Naphthalene	ND	ND	ND	40
Ortho Xylene	ND	ND	ND	40
Para-Isopropyltoluene	ND	ND	ND	40
Sec-Butylbenzene	ND	ND	ND	40
Styrene	ND	ND	ND	40
Tert-Butylbenzene	ND	ND	ND	40
Tetrachloroethylene	ND	ND	ND	40
Tetrahydrofuran	ND	ND	ND	40
Toluene	ND	ND	ND	40
Trans-1,2-Dichloroethylene	ND	ND	ND	40
Trichloroethylene	ND	ND	ND	40
Trichlorofluoromethane	ND	ND	ND	40
Vinyl Acetate	ND	ND	ND	40
Vinyl Chloride	ND	ND	ND	40
c-1,3-dichloropropene	ND	ND	ND	40
cis-1,2-Dichloroethylene	ND	ND	ND	40
t-1,3-Dichloropropene	ND	ND	ND	40

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

A & J Floral - Benton, ME

PARAMETER	LFB AMOUNT SPIKED ug/Kg	LFB RESULT ug/Kg	LFB RECOVERY %	QC LIMITS %
1,1,1,2-Tetrachloroethane	20	22.0	110	60 - 140
1,1,1-Trichloroethane	20	22.1	111	60 - 140
1,1,2,2-Tetrachloroethane	20	19.5	98	60 - 140
1,1,2-Trichloro-1,2,2-Trifluoroeth	20	19.5	98	60 - 140
1,1,2-Trichloroethane	20	19.6	98	60 - 140
1,1-Dichloroethylene	20	19.2	96	7 - 148
1,1-Dichloropropene	20	20.9	105	60 - 140
1,1-dichloroethane	20	20.7	104	60 - 140
1,2,3-Trichlorobenzene	20	19.4	97	60 - 140
1,2,3-Trichloropropane	20	19.6	98	60 - 140
1,2,4-Trichlorobenzene	20	19.6	98	60 - 140
1,2,4-Trimethylbenzene	20	20.8	104	60 - 140
1,2-Dibromo-3-Chloropropane	20	19.8	99	60 - 140
1,2-Dibromoethane	20	20.7	104	60 - 140
1,2-Dichlorobenzene	20	19.8	99	60 - 140
1,2-Dichloroethane	20	22.6	113	60 - 140
1,2-Dichloropropane	20	20.1	101	60 - 140
1,3,5-Trimethylbenzene	20	20.5	103	60 - 140
1,3-Dichlorobenzene	20	19.8	99	60 - 140
1,3-Dichloropropane	20	20.4	102	60 - 140
1,4-Dichlorobenzene	20	19.9	100	60 - 140
2,2-Dichloropropane	20	28.0	140	60 - 140
2-Butanone (MEK)	20	24.8	124	60 - 140
2-Chlorotoluene	20	19.8	99	60 - 140
2-Hexanone	20	23.3	117	60 - 140
2-Propanone (acetone)	20	19.5	98	60 - 140
4-Chlorotoluene	20	20.4	102	60 - 140
4-Methyl-2-Pentanone(MIBK)	20	20.7	104	60 - 140
Acrylonitrile	20	18.2	91	60 - 140
Benzene	20	19.7	99	39 - 119
Bromobenzene	20	19.7	99	60 - 140
Bromochloromethane	20	20.1	101	60 - 140
Bromodichloromethane	20	22.5	113	60 - 140
Bromoform	20	19.1	96	60 - 140
Bromomethane	20	21.5	108	60 - 140
Carbon Disulfide	20	19.9	100	60 - 140
Carbon tetrachloride	20	25.6	128	60 - 140
Chlorobenzene	20	20.6	103	48 - 131
Chloroethane	20	17.9	90	60 - 140
Chloroform	20	21.3	107	60 - 140
Chloromethane	20	18.4	92	60 - 140
Dibromochloromethane	20	22.2	111	60 - 140
Dibromomethane	20	21.1	106	60 - 140
Dichlorodifluoromethane	20	20.6	103	60 - 140
Ethyl Ether	20	19.7	99	60 - 140
Ethylbenzene	20	20.4	102	60 - 140
Hexachlorobutadiene	20	21.1	106	60 - 140
Isopropylbenzene	20	20.2	101	60 - 140
M/P Xylene	40	40.2	101	60 - 140
Methyl-t-Butyl Ether	20	19.8	99	60 - 140
Methylene Chloride	20	20.9	105	60 - 140
N-Butylbenzene	20	20.7	104	60 - 140
N-Propylbenzene	20	20.3	102	60 - 140

US ENVIRONMENTAL PROTECTION AGENCY
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Naphthalene	20	19.5	98	60 - 140
Ortho Xylene	20	20.3	102	60 - 140
Para-Isopropyltoluene	20	20.4	102	60 - 140
Sec-Butylbenzene	20	20.1	101	60 - 140
Styrene	20	20.4	102	60 - 140
Tert-Butylbenzene	20	20.2	101	60 - 140
Tetrachloroethylene	20	20.4	102	60 - 140
Tetrahydrofuran	20	18.6	93	60 - 140
Toluene	20	19.9	100	43 - 136
Trans-1,2-Dichloroethylene	20	19.4	97	60 - 140
Trichloroethylene	20	20.1	101	37 - 130
Trichlorofluoromethane	20	19.4	97	60 - 140
Vinyl Acetate	20	32.6	163	60 - 140
Vinyl Chloride	20	19.8	99	60 - 140
c-1,3-dichloropropene	20	22.9	115	60 - 140
cis-1,2-Dichloroethylene	20	19.2	96	60 - 140
t-1,3-Dichloropropene	20	21.7	109	60 - 140

Comments: The percent recoveries for 2,2-dichloropropane and vinyl acetate did not meet the acceptable QC criteria in the MS/MS study.

The percent recovery for vinyl acetate did not meet the acceptable QC criteria in the LFB/LFB study.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

LABORATORY FORTIFIED DUPLICATE (LFB Dup) RECOVERY

COMPOUND	LFB Dup CONCENTRATION ug/Kg	LFB Dup RECOVERY %	RPD %	QC LIMITS RPD
1,1,1,2-Tetrachloroethane	22.6	113	3	50
1,1,1-Trichloroethane	22.9	115	4	50
1,1,2,2-Tetrachloroethane	21.0	105	7	50
1,1,2-Trichloro-1,2,2-Trifluoroetha	20.6	103	6	50
1,1,2-Trichloroethane	20.2	101	3	50
1,1-Dichloroethylene	20.2	101	5	52
1,1-Dichloropropene	21.2	106	1	50
1,1-dichloroethane	21.3	107	3	50
1,2,3-Trichlorobenzene	20.2	101	4	50
1,2,3-Trichloropropane	19.9	100	2	50
1,2,4-Trichlorobenzene	20.1	101	3	50
1,2,4-Trimethylbenzene	20.9	105	1	50
1,2-Dibromo-3-Chloropropane	20.7	104	4	50
1,2-Dibromoethane	20.7	104	0	50
1,2-Dichlorobenzene	19.6	98	1	50
1,2-Dichloroethane	22.6	113	0	50
1,2-Dichloropropane	20.7	104	3	50
1,3,5-Trimethylbenzene	20.8	104	2	50
1,3-Dichlorobenzene	20.0	100	1	50
1,3-Dichloropropane	20.5	103	1	50
1,4-Dichlorobenzene	19.8	99	1	50
2,2-Dichloropropane	27.0	135	4	50
2-Butanone (MEK)	24.7	124	0	50
2-Chlorotoluene	19.9	100	1	50
2-Hexanone	24.1	121	3	50
2-Propanone (acetone)	19.4	97	1	50
4-Chlorotoluene	20.6	103	1	50
4-Methyl-2-Pentanone(MIBK)	21.0	105	1	50
Acrylonitrile	19.3	97	6	50
Benzene	20.2	101	3	50
Bromobenzene	20.0	100	2	50
Bromochloromethane	20.6	103	3	50
Bromodichloromethane	22.8	114	1	50
Bromoform	19.2	96	1	50
Bromomethane	20.6	103	4	50
Carbon Disulfide	20.8	104	4	50
Carbon tetrachloride	25.4	127	1	50
Chlorobenzene	20.8	104	1	34
Chloroethane	17.5	88	2	50
Chloroform	21.9	110	3	50
Chloromethane	19.4	97	5	50
Dibromochloromethane	22.3	112	0	50
Dibromomethane	21.3	107	1	50
Dichlorodifluoromethane	21.5	108	4	50
Ethyl Ether	20.0	100	2	50
Ethylbenzene	20.8	104	2	50
Hexachlorobutadiene	21.0	105	1	50
Isopropylbenzene	20.5	103	2	50
M/P Xylene	41.3	103	3	50
Methyl-t-Butyl Ether	20.2	101	2	50
Methylene Chloride	21.2	106	1	50
N-Butylbenzene	21.0	105	1	50
N-Propylbenzene	20.4	102	1	50
Naphthalene	19.7	99	1	50
Ortho Xylene	20.6	103	2	50
Para-Isopropyltoluene	20.8	104	2	50

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NEW ENGLAND LABORATORY

Sec-Butylbenzene	20.6	103	3	50
Styrene	20.8	104	2	50
Tert-Butylbenzene	20.5	103	2	50
Tetrachloroethylene	19.1	96	7	50
Tetrahydrofuran	19.3	97	4	50
Toluene	20.2	101	2	50
Trans-1,2-Dichloroethylene	20.5	103	6	50
Trichloroethylene	20.2	101	1	27
Trichlorofluoromethane	22.9	115	17	50
Vinyl Acetate	25.7	129	24	50
Vinyl Chloride	21.0	105	6	50
c-1,3-dichloropropene	22.5	113	2	50
cis-1,2-Dichloroethylene	20.0	100	4	50
t-1,3-Dichloropropene	21.0	105	3	50

Samples in Batch: AB17830, AB17832, AB17844

No: 1-052011-100136-0003

Site #: R01-110426TB

Lab: OEME

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30211	SB-03 (4-8')	✓ GC/MS Operation for VOCs - Soil (\$VOAHS)	Soil	5/17/2011	16:05	1	40 mL VOA	MeOH	
	D30212	SB-03 (4-8')	✓ Pest/PCBs in Soil Samples - Med Level (\$PESMS)	Soil	5/17/2011	16:15	1	8 oz. jar.	4 C	
	D30212	SB-03 (4-8')	✓ Total Petroleum Hydrocarbons - Soil (\$TPHS)	Soil	5/17/2011	16:15	1	4 oz. jar	4 C	
	D30212	SB-03 (4-8')	✓ Metals in Soil (INIGICP7) (\$METMS)	Soil	5/17/2011	16:15	1	4 oz. jar	4 C	
	D30213	SB-05 (4-8')	✓ GC/MS Operation for VOCs - Soil (\$VOAHS)	Soil	5/18/2011	09:00	1	40 mL VOA	MeOH	
	D30214	SB-05 (4-8')	✓ Pest/PCBs in Soil Samples - Med Level (\$PESMS)	Soil	5/18/2011	09:05	1	8 oz. jar	4 C	
	D30214	SB-05 (4-8')	✓ Total Petroleum Hydrocarbons - Soil (\$TPHS)	Soil	5/18/2011	09:05	1	4 oz. jar	4 C	
	D30214	SB-05 (4-8')	✓ Metals in Soil (INIGICP7) (\$METMS)	Soil	5/18/2011	09:05	1	4 oz. jar	4 C	
	D30215	TB-04	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Trip Blank	5/17/2011	07:00	4	40 mL VOA	HCl	
	D30216	MMW-02	✓ Pest/PCBs in Aqueous Samples (\$PESW)	Ground Water	5/19/2011	09:10	2	1 liter amber	4 C	
	D30216	MMW-02	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/19/2011	09:10	2	1 liter amber	4 C	

Special Instructions: Please utilize % Solid measurements from metals analysis for VOCs. Please forward results to OSC Ted Bazenas bazenas.ted@epa.gov.

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

No: 1-052011-100136-0003

Site #: R01-110426TB

Lab: OEME

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30216	MW-02	✓ BNAs in Water (\$BNAW)	Ground Water	5/19/2011	09:10	2	1 liter amber	4 C	
	D30216	MW-02	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	09:10	4	40 ml VOA	HCl	
	D30216	MW-02	✓ Metals in Water (INGICP7) (\$METW)	Ground Water	5/19/2011	09:10	1	poly	HNO3 pH<2	
	D30217	MW-03	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/18/2011	15:00	6	40 ml VOA	HCl	Y
	D30217	MW-03	✓ BNAs in Water (\$BNAW)	Ground Water	5/18/2011	15:00	4	1 liter amber	4 C	Y
	D30217	MW-03	✓ Pes/P/CBs in Aqueous Samples (\$PESW)	Ground Water	5/18/2011	15:00	4	1 liter amber	4 C	Y
	D30217	MW-03	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/18/2011	15:00	2	1 liter amber	4 C	Y
	D30217	MW-03	✓ Metals in Water (INGICP7) (\$METW)	Ground Water	5/18/2011	15:00	2	poly	HNO3 pH<2	Y
	D30218	MW-04	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	10:50	4	40 ml VOA	HCl	
	D30219	MW-05	✓ Metals in Water (INGICP7) (\$METW)	Ground Water	5/19/2011	08:15	1	poly	HNO3 pH<2	
	D30219	MW-05	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/19/2011	08:15	2	1 liter amber	4 C	

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

No: 1-052011-100136-0003

Site #: R01-110426TB

Lab: OEME

No: 1-052011-100136-0003

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30219	MMW-05	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	08:15	4	40 ml VOA	HCl	
	D30219	MMW-05	✓ BNAs in Water (\$BNAW)	Ground Water	5/19/2011	08:15	2	1 liter amber	4 C	
	D30219	MMW-05	✓ Pest/PCBs in Aqueous Samples (\$PESW)	Ground Water	5/19/2011	08:15	2	1 liter amber	4 C	
	D30220	MMW-06	✓ BNAs in Water (\$BNAW)	Ground Water	5/19/2011	11:20	2	1 liter amber	4 C	
	D30220	MMW-06	✓ Pest/PCBs in Aqueous Samples (\$PESW)	Ground Water	5/19/2011	11:20	2	1 liter amber	4 C	
	D30220	MMW-06	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/19/2011	11:20	2	1 liter amber	4 C	
	D30220	MMW-06	✓ Metals in Water (INGICP7) (\$METW)	Ground Water	5/19/2011	11:20	1	poly	HNO3 pH<2	
	D30220	MMW-06	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	11:20	4	40 ml VOA	HCl	
	D30221	MMW-07	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	13:00	4	40 ml VOA	HCl	
	D30221	MMW-07	✓ BNAs in Water (\$BNAW)	Ground Water	5/19/2011	13:00	2	1 liter amber	4 C	
	D30221	MMW-07	✓ Pest/PCBs in Aqueous Samples (\$PESW)	Ground Water	5/19/2011	13:00	2	1 liter amber	4 C	

Special Instructions: Please utilize % Solid measurements from metals analysis for VOCs. Please forward results to OSC Ted Bazemas bazemas.ted@epa.gov.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

[illegible]

No: 1-052011-100136-0003

Site #: R01-110426TB

Lab: OEME

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30221	MMW-07	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/19/2011	13:00	2	1 liter amber	4 C	
	D30221	MMW-07	✓ Metals in Water (INGICP7) (\$METW)	Ground Water	5/19/2011	13:00	1	poly	HNO3 pH<2	
	D30222	MMW-08	✓ BNAs in Water (\$BNAW)	Ground Water	5/19/2011	11:55	2	1 liter amber	4 C	
	D30222	MMW-08	✓ Metals in Water (INGICP7) (\$METW)	Ground Water	5/19/2011	11:55	1	poly	HNO3 pH<2	
	D30222	MMW-08	✓ Pest/PCBs in Aqueous Samples (\$PESW)	Ground Water	5/19/2011	11:55	2	1 liter amber	4 C	
	D30222	MMW-08	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	11:55	4	40 ml VOA	HCl	
	D30222	MMW-08	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/19/2011	11:55	2	1 liter amber	4 C	
	D30223	MMW-09	✓ GS/MS Operation for VOCs - Water (\$VOAMW)	Ground Water	5/19/2011	08:15	4	40 ml VOA	HCl	
	D30223	MMW-09	✓ BNAs in Water (\$BNAW)	Ground Water	5/19/2011	08:15	2	1 liter amber	4 C	
	D30223	MMW-09	✓ Pest/PCBs in Aqueous Samples (\$PESW)	Ground Water	5/19/2011	08:15	2	1 liter amber	4 C	
	D30223	MMW-09	✓ Total Petroleum Hydrocarbons - Water (\$TPHW)	Ground Water	5/19/2011	08:15	2	1 liter amber	4 C	

Special Instructions: Please utilize % Solid measurements from metals analysis for VOCs. Please forward results to OSC Ted Bazenas bazenas.ted@epa.gov.

SAMPLES TRANSFERRED FROM	CHAIN OF CUSTODY #

[illegible]

No: 1-052011-100136-0003

Site #: R01-110426TB

Lab: OEMME

[illegible]

CHAIN OF CUSTODY #

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