

Sample Number: 514765
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1340
 Date Received: 2/15/2012
 Date Completed: 02/22/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.0		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
MTBE-D3		96
4-BROMOFLUOROBENZENE		98
1,2-DICHLOROBENZENE-D4		103

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

36-AOC-3/KETCHUM BLUFF;OK311100010190_02;7.5-8FT FROM SURFACE

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

(8260CM) Heather Rhoads

* ANALYST



Sample Number: 514766
 Project Code: RR-BLP
 Agency Number:
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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeables:		1.0		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
4-BROMOFLUOROBENZENE		98
1,2-DICHLOROBENZENE-D4		102
MTBE-D3		100

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

96-AOC-3/KETCHUM BLUFF;OK311100010190_02; TRIP BLANK

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

(8260CM) Heather Rhoads

* ANALYST



Sample Number: 514767
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1557
 Date Received: 2/15/2012
 Date Completed: 02/22/2012
 Collected By: BM
 FWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/22/2012

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STATE ENVIRONMENTAL LABORATORY
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 OKLAHOMA CITY
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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.0		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514767
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1557
 Date Received: 2/15/2012
 Date Completed: 02/22/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
 707 N. ROBINSON
 OKLAHOMA CITY
 OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
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1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
4-BROMOFLUOROBENZENE		100
1,2-DICHLOROBENZENE-D4		100
MTBE-D3		97

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S6-AOC-3/KETCHUM BLUFF;OK311100010190_02; FIELD BLANK

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

(8260CM) Heather Rhoads

*

* ANALYST

Heather Rhoads

Sample Number: 514768
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1605
 Date Received: 2/15/2012
 Date Completed: 02/22/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeables:		1.0		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514768
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1605
 Date Received: 2/15/2012
 Date Completed: 02/22/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
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 Sample Receiving: (405) 702-1113
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 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	10.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514768
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1605
Date Received: 2/15/2012
Date Completed: 02/22/2012
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 2/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
MTBE-D3		99
1,2-DICHLOROBENZENE-D4		99
4-BROMOFLUOROBENZENE		100

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S6-AOC-3/KETCHUM BLUFF;OK311100010190_02; EQUIPMENT BLANK

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

(8260CM) Heather Rhoads

*

* ANALYST



Sample Number: 514769
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1340
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK90013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514769
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1340
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #CK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514769
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1340
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
 707 N. ROBINSON
 OKLAHOMA CITY
 OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

SURROGATE RECOVERIES		RECOVERY %
COMPOUND		
1,2-DICHLOROBENZENE-D4		96
MTBE-D3		103
4-BROMOFLUOROBENZENE		93

TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH		VALUE	UNITS
COMPOUND			

NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S6-AOC-3D (DUPLICATE);OK311100010190_02;7.5-8 FT FROM SURFACE

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 2.4

ANALYST'S COMMENTS:

Olivia Pierce (8260C) -

* ANALYST



Sample Number: 514770
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1828
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113

Report of Analysis by GCMS

EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514770
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1828
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514770
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1828
Date Received: 2/15/2012
Date Completed: 02/21/2012
Collected By: BM
PWS Id:
Location Code:
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Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
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EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
1,2-DICHLOROBENZENE-D4		96
MTBE-D3		101
4-BROMOFLUOROBENZENE		93

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S9-DAOC-1/ADDINGTON BEND; OK311100010190_00;THE SURFACE

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 1.9

ANALYST'S COMMENTS:

Olivia Pierce (8260C) -

* ANALYST

Olivia Pierce

Sample Number: 514771
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1820
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY

707 N. ROBINSON

OKLAHOMA CITY

OKLAHOMA, 73102-6010

General Inquiries: 1-800-869-1400

Sample Receiving: (405) 702-1113

Report of Analysis by GCMS

EPA Drinking Water Certification #OK000013

To: File Copy

CC: Ferrella March/LFD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514771
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1820
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514771
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1820
Date Received: 2/15/2012
Date Completed: 02/21/2012
Collected By: BM
PWS Id:
Location Code:
Station:
Facility:
Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
4-BROMOFLUOROBENZENE		93
1,2-DICHLOROBENZENE-D4		96
MTBE-D3		101

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S9-DAOC-2/ADDINGTON BEND; OK311100010190_00; 1FT BELOW SURFACE

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.8

ANALYST'S COMMENTS:

Olivia Pierce (8260C) -

* ANALYST



Sample Number: 514772
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1810
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/24/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514772
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1810
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/24/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
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OKLAHOMA, 73102-6010
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 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514772
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1810
Date Received: 2/15/2012
Date Completed: 02/21/2012
Collected By: BM
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Facility:
Report Date: 2/24/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
MTBE-D3		101
4-BROMOFLUOROBENZENE		92
1,2-DICHLOROBENZENE-D4		96

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NOT ANALYZED			

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S9-DAOC-3/ADDINGTON BEND; OK311100010190_00;2FT DEEP W/VANDORN

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 1.4

ANALYST'S COMMENTS:

Olivia Pierce (8260C) -

* ANALYST



Sample Number: 514773
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected:
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Purgeable:		1.00		02/16/12		
Bromodichloromethane	<	10.0	UG/L	02/16/12	8260CM	
Carbon tetrachloride	<	10.0	UG/L	02/16/12	8260CM	
Bromoform	<	10.0	UG/L	02/16/12	8260CM	
Chloroform	<	10.0	UG/L	02/16/12	8260CM	
Toluene	<	10.0	UG/L	02/16/12	8260CM	
Benzene	<	10.0	UG/L	02/16/12	8260CM	
Chlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
Dibromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Chloroethane	<	10.0	UG/L	02/16/12	8260CM	
Ethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Hexachlorobutadiene	<	10.0	UG/L	02/16/12	8260CM	
Bromomethane	<	10.0	UG/L	02/16/12	8260CM	
Chloromethane	<	10.0	UG/L	02/16/12	8260CM	
Methylene chloride	<	10.0	UG/L	02/16/12	8260CM	
Tetrachloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
1,1,1-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2-Trichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,1,2,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloroethane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
trans-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Naphthalene	<	10.0	UG/L	02/16/12	8260CM	
trans-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
cis-1,3-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
Vinyl chloride	<	10.0	UG/L	02/16/12	8260CM	
Trichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Methylisobutyl ketone	<	10.0	UG/L	02/16/12	8260CM	
Carbon disulfide in water	<	10.0	ug/L	02/16/12	8260CM	
2-Hexanone	<	10.0	UG/L	02/16/12	8260CM	
Styrene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514773
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected:
 Date Received: 2/15/2012
 Date Completed: 02/21/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 2/23/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
o-Xylene	<	10.0	UG/L	02/16/12	8260CM	
1,1-Dichloropropene	<	10.0	UG/L	02/16/12	8260CM	
2,2-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
n-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3,5-Trimethylbenzene	<	10.0	UG/L	02/16/12	8260CM	
2-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
4-Chlorotoluene	<	10.0	UG/L	02/16/12	8260CM	
sec-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
p-Isopropyltoluene	<	10.0	UG/L	02/16/12	8260CM	
1,2,3-Trichloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,1,1,2-Tetrachloroethane	<	10.0	UG/L	02/16/12	8260CM	
Dibromomethane (MDB)	<	10.0	UG/L	02/16/12	8260CM	
n-Propylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Total Xylenes	<	20.0	UG/L	02/16/12	8260CM	
Acetone	<	10.0	UG/L	02/16/12	8260CM	
Bromobenzene	<	10.0	UG/L	02/16/12	8260CM	
Methylethyl Ketone	<	10.0	UG/L	02/16/12	8260CM	
m & p Xylene	<	20.0	UG/L	02/16/12	8260CM	
tert-Butylbenzene	<	10.0	UG/L	02/16/12	8260CM	
Bromochloromethane	<	10.0	UG/L	02/16/12	8260CM	
Dichlorodifluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Trichlorofluoromethane	<	10.0	UG/L	02/16/12	8260CM	
Methyl tert-butyl ether (MTBE)	<	10.0	UG/L	02/16/12	8260CM	
cis-1,2-Dichloroethene	<	10.0	UG/L	02/16/12	8260CM	
Cyclohexane	<	10.0	UG/L	02/16/12	8260CM	
Methylcyclohexane	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dibromoethane	<	10.0	UG/L	02/16/12	8260CM	
Isopropylbenzene	<	10.0	UG/L	02/16/12	8260CM	
1,2-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,3-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	

Sample Number: 514773
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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
1,2-Dibromo-3-chloropropane	<	10.0	UG/L	02/16/12	8260CM	
1,2,4-Trichlorobenzene	<	10.0	UG/L	02/16/12	8260CM	
1,4-Dioxane	<	100.0	UG/L	02/16/12	8260CM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
1,2-DICHLOROBENZENE-D4		95
4-BROMOFLUOROBENZENE		91
MTBE-D3		100

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NOT ANALYZED

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S9-DAOC-3/ADDINGTON BEND; OK311100010190_00;TRIP BLANK

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 1.4

ANALYST'S COMMENTS:

Olivia Pierce (8260C) -

* ANALYST 

Sample Number: 514774
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1030
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
 Collected By: TD
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/22/2012

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To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.00				
Acenaphthylene	UJ <	10	UG/L	03/05/12	8270DM	
Acenaphthene	UJ <	10	UG/L	03/05/12	8270DM	
Anthracene	<	10	UG/L	03/05/12	8270DM	
Benzo(b)fluoranthene	<	10	UG/L	03/05/12	8270DM	
Benzo(k)fluoranthene	<	10	UG/L	03/05/12	8270DM	
Benzo(a)pyrene	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroethoxy)methane	UJ <	10	UG/L	03/05/12	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	03/05/12	8270DM	
Butylbenzylphthalate	UJ <	10	UG/L	03/05/12	8270DM	
Chrysene	UJ <	10	UG/L	03/05/12	8270DM	
Diethylphthalate	UJ <	10	UG/L	03/05/12	8270DM	
Dimethylphthalate	UJ <	10	UG/L	03/05/12	8270DM	
Fluoranthene	<	10	UG/L	03/05/12	8270DM	
Fluorene	UJ <	10	UG/L	03/05/12	8270DM	
Hexachlorocyclopentadiene	UJ <	10	UG/L	03/05/12	8270DM	
Hexachloroethane in water	<	10	UG/L	03/05/12	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	03/05/12	8270DM	
Isophorone	UJ <	10	UG/L	03/05/12	8270DM	
Nitrosodipropylamine	<	10	UG/L	03/05/12	8270DM	
Nitrosodiphenylamine	<	10	UG/L	03/05/12	8270DM	
Nitrobenzene	UJ <	10	UG/L	03/05/12	8270DM	
p-Chloro-m-cresol	UJ <	10	UG/L	03/05/12	8270DM	
Phenanthrene	<	10	UG/L	03/05/12	8270DM	
Pyrene	UJ <	10	UG/L	03/05/12	8270DM	
Benzo(ghi)perylene	<	10	UG/L	03/05/12	8270DM	
Benzo(a)anthracene	UJ <	10	UG/L	03/05/12	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	03/05/12	8270DM	
2-Chloronaphthalene	UJ <	10	UG/L	03/05/12	8270DM	
2-Chlorophenol	<	10	UG/L	03/05/12	8270DM	
2-Nitrophenol	UJ <	10	UG/L	03/05/12	8270DM	
Di-n-octylphthalate	<	10	UG/L	03/05/12	8270DM	

Sample Number: 514774
 Project Code: RR-BLP
 Agency Number:
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To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	UJ <	10	UG/L	03/05/12	8270DM	
2,4-Dimethylphenol	UJ <	10	UG/L	03/05/12	8270DM	
2,4-Dinitrotoluene	UJ <	10	UG/L	03/05/12	8270DM	
2,4-Dinitrophenol	UJ <	25	UG/L	03/05/12	8270DM	
2,4,6-Trichlorophenol	UJ <	10	UG/L	03/05/12	8270DM	
2,6-Dinitrotoluene	UJ <	10	UG/L	03/05/12	8270DM	
3,3'-Dichlorobenzidine	UJ <	10	UG/L	03/05/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	03/05/12	8270DM	
4-Chlorophenyl phenylether	UJ <	10	UG/L	03/05/12	8270DM	
4-Nitrophenol	UJ <	25	UG/L	03/05/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	03/05/12	8270DM	
Phenol	<	10	UG/L	03/05/12	8270DM	
Naphthalene	UJ <	10	UG/L	03/05/12	8270DM	
Pentachlorophenol	<	25	UG/L	03/05/12	8270DM	
Bis(2-ethylhexyl)phthalate	UJ <	10	UG/L	03/05/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	03/05/12	8270DM	
Hexachlorobenzene	<	10	UG/L	03/05/12	8270DM	
Hexachlorobutadiene	UJ <	10	UG/L	03/05/12	8270DM	
Dibenzofuran	UJ <	10	UG/L	03/05/12	8270DM	
2-Methylnaphthalene	UJ <	10	UG/L	03/05/12	8270DM	
2-Methylphenol	<	10	UG/L	03/05/12	8270DM	
4-Methylphenol	<	10	UG/L	03/05/12	8270DM	
2,4,5-Trichlorophenol	UJ <	10	UG/L	03/05/12	8270DM	
4-Chloroaniline	UJ <	10	UG/L	03/05/12	8270DM	
2-Nitroaniline	UJ <	25	UG/L	03/05/12	8270DM	
3-Nitroaniline	UJ <	25	UG/L	03/05/12	8270DM	
4-Nitroaniline	UJ <	25	UG/L	03/05/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
P-TERPHENYL-D14 (QCF)		16
2-FLUOROBIPHENYL (QCF)		6
NITROBENZENE-D5 (QCF)		6
PHENOL-D5		9

Sample Number: 514774
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1030
Date Received: 2/15/2012
Date Completed: 03/22/2012
Collected By: TD
PWS Id:
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Report Date: 3/22/2012

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EPA Drinking Water Certification #OK00013

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CC: Ferrella March/LPD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2,4,6-TRIBROMOPHENOL (QCF)		16
2-FLUOROPHENOL		8

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NU

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S1-UAOC/DAVIDSON/HWY 70 BRIDGE;OK311310010010_00

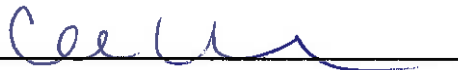
SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 1.0

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas (NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis. (UJ) The material was analyzed for but was not detected at or above the reporting limit. The associated value is an estimate and may be inaccurately biased low (based on an associated surrogate compound having relatively low recovery as compared to in-house control limit criteria). (QCF) Quality Control Failure: the surrogate 2-fluorobiphenyl recovered below the in-house control limit of 27%, the surrogate 2,4,6-tribromophenol recovered below the in-house control limit of 45%, the surrogate nitrobenzene-d5 recovered below the in-house control limit of 13%, and the surrogate terphenyl-d14 recovered below the in-house control limit of 33%.

* ANALYST



Sample Number: 514775
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1400
 Date Received: 2/15/2012
 Date Completed: 03/14/2012
 Collected By: TD
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/14/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
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OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
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 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.00				
Acenaphthylene	<	10	UG/L	03/05/12	8270DM	
Acenaphthene	<	10	UG/L	03/05/12	8270DM	
Anthracene	<	10	UG/L	03/05/12	8270DM	
Benzo(b)fluoranthene	<	10	UG/L	03/05/12	8270DM	
Benzo(k)fluoranthene	<	10	UG/L	03/05/12	8270DM	
Benzo(a)pyrene	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroethoxy)methane	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	03/05/12	8270DM	
Butylbenzylphthalate	<	10	UG/L	03/05/12	8270DM	
Chrysene	<	10	UG/L	03/05/12	8270DM	
Diethylphthalate	<	10	UG/L	03/05/12	8270DM	
Dimethylphthalate	<	10	UG/L	03/05/12	8270DM	
Fluoranthene	<	10	UG/L	03/05/12	8270DM	
Fluorene	<	10	UG/L	03/05/12	8270DM	
Hexachlorocyclopentadiene	<	10	UG/L	03/05/12	8270DM	
Hexachloroethane in water	<	10	UG/L	03/05/12	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	03/05/12	8270DM	
Isophorone	<	10	UG/L	03/05/12	8270DM	
Nitrosodipropylamine	<	10	UG/L	03/05/12	8270DM	
Nitrosodiphenylamine	<	10	UG/L	03/05/12	8270DM	
Nitrobenzene	<	10	UG/L	03/05/12	8270DM	
p-Chloro-m-cresol	<	10	UG/L	03/05/12	8270DM	
Phenanthrene	<	10	UG/L	03/05/12	8270DM	
Pyrene	<	10	UG/L	03/05/12	8270DM	
Benzo(ghi)perylene	<	10	UG/L	03/05/12	8270DM	
Benzo(a)anthracene	<	10	UG/L	03/05/12	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	03/05/12	8270DM	
2-Chloronaphthalene	<	10	UG/L	03/05/12	8270DM	
2-Chlorophenol	<	10	UG/L	03/05/12	8270DM	
2-Nitrophenol	<	10	UG/L	03/05/12	8270DM	
Di-n-octylphthalate	<	10	UG/L	03/05/12	8270DM	

Sample Number: 514775
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1400
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 Date Completed: 03/14/2012
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 Report Date: 3/14/2012

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To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	03/05/12	8270DM	
2,4-Dimethylphenol	<	10	UG/L	03/05/12	8270DM	
2,4-Dinitrotoluene	<	10	UG/L	03/05/12	8270DM	
2,4-Dinitrophenol	<	25	UG/L	03/05/12	8270DM	
2,4,6-Trichlorophenol	<	10	UG/L	03/05/12	8270DM	
2,6-Dinitrotoluene	<	10	UG/L	03/05/12	8270DM	
3,3'-Dichlorobenzidine	<	10	UG/L	03/05/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	03/05/12	8270DM	
4-Chlorophenyl phenylether	<	10	UG/L	03/05/12	8270DM	
4-Nitrophenol	<	25	UG/L	03/05/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	03/05/12	8270DM	
Phenol	<	10	UG/L	03/05/12	8270DM	
Naphthalene	<	10	UG/L	03/05/12	8270DM	
Pentachlorophenol	<	25	UG/L	03/05/12	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	03/05/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	03/05/12	8270DM	
Hexachlorobenzene	<	10	UG/L	03/05/12	8270DM	
Hexachlorobutadiene	<	10	UG/L	03/05/12	8270DM	
Dibenzofuran	<	10	UG/L	03/05/12	8270DM	
2-Methylnaphthalene	<	10	UG/L	03/05/12	8270DM	
2-Methylphenol	<	10	UG/L	03/05/12	8270DM	
4-Methylphenol	<	10	UG/L	03/05/12	8270DM	
2,4,5-Trichlorophenol	<	10	UG/L	03/05/12	8270DM	
4-Chloroaniline	<	10	UG/L	03/05/12	8270DM	
2-Nitroaniline	<	25	UG/L	03/05/12	8270DM	
3-Nitroaniline	<	25	UG/L	03/05/12	8270DM	
4-Nitroaniline	<	25	UG/L	03/05/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
PHENOL-D5		20
2,4,6-TRIBROMOPHENOL		76
P-TERPHENYL-D14		69
2-FLUOROPHENOL		25

Sample Number: 514775
Project Code: RR-BLP
Agency Number:
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Time Collected: 1400
Date Received: 2/15/2012
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General Inquiries: 1-800-869-1400
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Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

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CC: Ferrella March/LPD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL		47
NITROBENZENE-D5		45

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
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NU

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S2-UAOC/BURKBURNETT/I-44 BRIDGE;OK311310010010_00

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.4

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas

(NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis.

*

* ANALYST

Cassandra Kontas

Sample Number: 514777
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1624
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
 Collected By: TD
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
 General Inquiries: 1-800-869-1400
 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

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CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.00				
Acenaphthylene	UJ <	10	UG/L	03/06/12	8270DM	
Acenaphthene	UJ <	10	UG/L	03/06/12	8270DM	
Anthracene	<	10	UG/L	03/06/12	8270DM	
Benzo(b)fluoranthene	<	10	UG/L	03/06/12	8270DM	
Benzo(k)fluoranthene	<	10	UG/L	03/06/12	8270DM	
Benzo(a)pyrene	<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroethoxy)methane	UJ <	10	UG/L	03/06/12	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	03/06/12	8270DM	
Butylbenzylphthalate	<	10	UG/L	03/06/12	8270DM	
Chrysene	<	10	UG/L	03/06/12	8270DM	
Diethylphthalate	UJ <	10	UG/L	03/06/12	8270DM	
Dimethylphthalate	UJ <	10	UG/L	03/06/12	8270DM	
Fluoranthene	<	10	UG/L	03/06/12	8270DM	
Fluorene	UJ <	10	UG/L	03/06/12	8270DM	
Hexachlorocyclopentadiene	UJ <	10	UG/L	03/06/12	8270DM	
Hexachloroethane in water	<	10	UG/L	03/06/12	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	03/06/12	8270DM	
Isophorone	UJ <	10	UG/L	03/06/12	8270DM	
Nitrosodipropylamine	<	10	UG/L	03/06/12	8270DM	
Nitrosodiphenylamine	<	10	UG/L	03/06/12	8270DM	
Nitrobenzene	UJ <	10	UG/L	03/06/12	8270DM	
p-Chloro-m-cresol	UJ <	10	UG/L	03/06/12	8270DM	
Phenanthrene	<	10	UG/L	03/06/12	8270DM	
Pyrene	<	10	UG/L	03/06/12	8270DM	
Benzo(ghi)perylene	<	10	UG/L	03/06/12	8270DM	
Benzo(a)anthracene	<	10	UG/L	03/06/12	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	03/06/12	8270DM	
2-Chloronaphthalene	UJ <	10	UG/L	03/06/12	8270DM	
2-Chlorophenol	<	10	UG/L	03/06/12	8270DM	
2-Nitrophenol	UJ <	10	UG/L	03/06/12	8270DM	
Di-n-octylphthalate	<	10	UG/L	03/06/12	8270DM	

Sample Number: 514777
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1624
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OKLAHOMA, 73102-6010
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 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
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CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
2,4-Dimethylphenol	UJ <	10	UG/L	03/06/12	8270DM	
2,4-Dinitrotoluene	UJ <	10	UG/L	03/06/12	8270DM	
2,4-Dinitrophenol	UJ <	25	UG/L	03/06/12	8270DM	
2,4,6-Trichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
2,6-Dinitrotoluene	UJ <	10	UG/L	03/06/12	8270DM	
3,3'-Dichlorobenzidine	<	10	UG/L	03/06/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	03/06/12	8270DM	
4-Chlorophenyl phenylether	UJ <	10	UG/L	03/06/12	8270DM	
4-Nitrophenol	UJ <	25	UG/L	03/06/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	03/06/12	8270DM	
Phenol	<	10	UG/L	03/06/12	8270DM	
Naphthalene	UJ <	10	UG/L	03/06/12	8270DM	
Pentachlorophenol	<	25	UG/L	03/06/12	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	03/06/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	03/06/12	8270DM	
Hexachlorobenzene	<	10	UG/L	03/06/12	8270DM	
Hexachlorobutadiene	UJ <	10	UG/L	03/06/12	8270DM	
Dibenzofuran	UJ <	10	UG/L	03/06/12	8270DM	
2-Methylnaphthalene	UJ <	10	UG/L	03/06/12	8270DM	
2-Methylphenol	<	10	UG/L	03/06/12	8270DM	
4-Methylphenol	<	10	UG/L	03/06/12	8270DM	
2,4,5-Trichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
4-Chloroaniline	UJ <	10	UG/L	03/06/12	8270DM	
2-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	
3-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	
4-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL (QCF)		25
PHENOL-D5		10
NITROBENZENE-D5 (QCF)		12
2,4,6-TRIBROMOPHENOL		52

Sample Number: 514777
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1624
Date Received: 2/15/2012
Date Completed: 03/22/2012
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EPA Drinking Water Certification #OK00013

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CC: Ferrella March/LPD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
P-TERPHENYL-D14		61
2-FLUOROPHENOL		7

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NU			

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S3-UAOC/DOWNSTREAM CACHE CREEK;OK311200000010_00

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 1.3

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas (NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis. (UJ) The material was analyzed for but was not detected at or above the reporting limit. The associated value is an estimate and may be inaccurately biased low (based on an associated surrogate compound having relatively low recovery as compared to in-house control limit criteria). (QCF) Quality Control Failure: the surrogate 2-fluorobiphenyl recovered below the in-house control limit of 27%, and the surrogate nitrobenzene-d5 recovered below the in-house control limit of 13%.

* ANALYST Cecilia

Sample Number: 514778
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1545
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
 Collected By: HC
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/22/2012

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OKLAHOMA, 73102-6010
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 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.00				
Acenaphthylene	UJ <	10	UG/L	02/24/12	8270DM	
Acenaphthene	UJ <	10	UG/L	02/24/12	8270DM	
Anthracene	<	10	UG/L	02/24/12	8270DM	
Benzo(b)fluoranthene	<	10	UG/L	02/24/12	8270DM	
Benzo(k)fluoranthene	<	10	UG/L	02/24/12	8270DM	
Benzo(a)pyrene	<	10	UG/L	02/24/12	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	02/24/12	8270DM	
Bis(2-chloroethoxy)methane	<	10	UG/L	02/24/12	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	02/24/12	8270DM	
Butylbenzylphthalate	<	10	UG/L	02/24/12	8270DM	
Chrysene	<	10	UG/L	02/24/12	8270DM	
Diethylphthalate	UJ <	10	UG/L	02/24/12	8270DM	
Dimethylphthalate	UJ <	10	UG/L	02/24/12	8270DM	
Fluoranthene	<	10	UG/L	02/24/12	8270DM	
Fluorene	UJ <	10	UG/L	02/24/12	8270DM	
Hexachlorocyclopentadiene	UJ <	10	UG/L	02/24/12	8270DM	
Hexachloroethane in water	<	10	UG/L	02/24/12	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	02/24/12	8270DM	
Isophorone	<	10	UG/L	02/24/12	8270DM	
Nitrosodipropylamine	<	10	UG/L	02/24/12	8270DM	
Nitrosodiphenylamine	<	10	UG/L	02/24/12	8270DM	
Nitrobenzene	<	10	UG/L	02/24/12	8270DM	
p-Chloro-m-cresol	<	10	UG/L	02/24/12	8270DM	
Phenanthrene	<	10	UG/L	02/24/12	8270DM	
Pyrene	<	10	UG/L	02/24/12	8270DM	
Benzo(ghi)perylene	<	10	UG/L	02/24/12	8270DM	
Benzo(a)anthracene	<	10	UG/L	02/24/12	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	02/24/12	8270DM	
2-Chloronaphthalene	UJ <	10	UG/L	02/24/12	8270DM	
2-Chlorophenol	<	10	UG/L	02/24/12	8270DM	
2-Nitrophenol	<	10	UG/L	02/24/12	8270DM	
Di-n-octylphthalate	<	10	UG/L	02/24/12	8270DM	

Sample Number: 514778
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1545
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Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	02/24/12	8270DM	
2,4-Dimethylphenol	<	10	UG/L	02/24/12	8270DM	
2,4-Dinitrotoluene	UJ <	10	UG/L	02/24/12	8270DM	
2,4-Dinitrophenol	UJ <	25	UG/L	02/24/12	8270DM	
2,4,6-Trichlorophenol	UJ <	10	UG/L	02/24/12	8270DM	
2,6-Dinitrotoluene	UJ <	10	UG/L	02/24/12	8270DM	
3,3'-Dichlorobenzidine	<	10	UG/L	02/24/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	02/24/12	8270DM	
4-Chlorophenyl phenylether	UJ <	10	UG/L	02/24/12	8270DM	
4-Nitrophenol	UJ <	25	UG/L	02/24/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	02/24/12	8270DM	
Phenol	<	10	UG/L	02/24/12	8270DM	
Naphthalene	<	10	UG/L	02/24/12	8270DM	
Pentachlorophenol	<	25	UG/L	02/24/12	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	02/24/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	02/24/12	8270DM	
Hexachlorobenzene	<	10	UG/L	02/24/12	8270DM	
Hexachlorobutadiene	<	10	UG/L	02/24/12	8270DM	
Dibenzofuran	UJ <	10	UG/L	02/24/12	8270DM	
2-Methylnaphthalene	<	10	UG/L	02/24/12	8270DM	
2-Methylphenol	<	10	UG/L	02/24/12	8270DM	
4-Methylphenol	<	10	UG/L	02/24/12	8270DM	
2,4,5-Trichlorophenol	UJ <	10	UG/L	02/24/12	8270DM	
4-Chloroaniline	<	10	UG/L	02/24/12	8270DM	
2-Nitroaniline	UJ <	25	UG/L	02/24/12	8270DM	
3-Nitroaniline	UJ <	25	UG/L	02/24/12	8270DM	
4-Nitroaniline	UJ <	25	UG/L	02/24/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROPHENOL		10
2,4,6-TRIBROMOPHENOL (QCF)		42
PHENOL-D5		11
NITROBENZENE-D5		15

Sample Number: 514778
Project Code: RR-BLP
Agency Number:
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EPA Drinking Water Certification #OK00013

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CC: Ferrella March/LPD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL (QCF)		18
P-TERPHENYL-D14		43

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NU			

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S4-UAOC/HWY 79 BRIDGE;OK311200000010_00

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 2.8

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas (NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis. (UJ) The material was analyzed for but was not detected at or above the reporting limit. The associated value is an estimate and may be inaccurately biased low (based on an associated surrogate compound having relatively low recovery as compared to in-house control limit criteria). (QCF) Quality Control Failure: the surrogate 2-fluorobiphenyl recovered below the in-house control limit of 27%, and the surrogate 2,4,6-tribromophenol recovered below the in-house control limit of 45%.

* ANALYST 

Sample Number: 514779
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1313
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
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CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:		1.00				
Acenaphthylene	UJ <	10	UG/L	03/05/12	8270DM	
Acenaphthene	UJ <	10	UG/L	03/05/12	8270DM	
Anthracene	<	10	UG/L	03/05/12	8270DM	
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Benzo(k)fluoranthene	<	10	UG/L	03/05/12	8270DM	
Benzo(a)pyrene	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroethyl)ether	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroethoxy)methane	<	10	UG/L	03/05/12	8270DM	
Bis(2-chloroisopropyl)ethe	<	10	UG/L	03/05/12	8270DM	
Butylbenzylphthalate	<	10	UG/L	03/05/12	8270DM	
Chrysene	<	10	UG/L	03/05/12	8270DM	
Diethylphthalate	UJ <	10	UG/L	03/05/12	8270DM	
Dimethylphthalate	UJ <	10	UG/L	03/05/12	8270DM	
Fluoranthene	<	10	UG/L	03/05/12	8270DM	
Fluorene	UJ <	10	UG/L	03/05/12	8270DM	
Hexachlorocyclopentadiene	UJ <	10	UG/L	03/05/12	8270DM	
Hexachloroethane in water	<	10	UG/L	03/05/12	8270DM	
Indeno(123cd)pyrene	<	10	UG/L	03/05/12	8270DM	
Isophorone	<	10	UG/L	03/05/12	8270DM	
Nitrosodipropylamine	<	10	UG/L	03/05/12	8270DM	
Nitrosodiphenylamine	<	10	UG/L	03/05/12	8270DM	
Nitrobenzene	<	10	UG/L	03/05/12	8270DM	
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Phenanthrene	<	10	UG/L	03/05/12	8270DM	
Pyrene	<	10	UG/L	03/05/12	8270DM	
Benzo(ghi)perylene	<	10	UG/L	03/05/12	8270DM	
Benzo(a)anthracene	<	10	UG/L	03/05/12	8270DM	
Dibenzo(ah)anthracene	<	10	UG/L	03/05/12	8270DM	
2-Chloronaphthalene	UJ <	10	UG/L	03/05/12	8270DM	
2-Chlorophenol	<	10	UG/L	03/05/12	8270DM	
2-Nitrophenol	<	10	UG/L	03/05/12	8270DM	
Di-n-octylphthalate	<	10	UG/L	03/05/12	8270DM	

Sample Number: 514779
 Project Code: RR-BLP
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 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	03/05/12	8270DM	
2,4-Dimethylphenol	<	10	UG/L	03/05/12	8270DM	
2,4-Dinitrotoluene	UJ <	10	UG/L	03/05/12	8270DM	
2,4-Dinitrophenol	UJ <	25	UG/L	03/05/12	8270DM	
2,4,6-Trichlorophenol	UJ <	10	UG/L	03/05/12	8270DM	
2,6-Dinitrotoluene	UJ <	10	UG/L	03/05/12	8270DM	
3,3'-Dichlorobenzidine	<	10	UG/L	03/05/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	03/05/12	8270DM	
4-Chlorophenyl phenylether	UJ <	10	UG/L	03/05/12	8270DM	
4-Nitrophenol	UJ <	25	UG/L	03/05/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	03/05/12	8270DM	
Phenol	<	10	UG/L	03/05/12	8270DM	
Naphthalene	<	10	UG/L	03/05/12	8270DM	
Pentachlorophenol	<	25	UG/L	03/05/12	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	03/05/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	03/05/12	8270DM	
Hexachlorobenzene	<	10	UG/L	03/05/12	8270DM	
Hexachlorobutadiene	<	10	UG/L	03/05/12	8270DM	
Dibenzofuran	UJ <	10	UG/L	03/05/12	8270DM	
2-Methylnaphthalene	<	10	UG/L	03/05/12	8270DM	
2-Methylphenol	<	10	UG/L	03/05/12	8270DM	
4-Methylphenol	<	10	UG/L	03/05/12	8270DM	
2,4,5-Trichlorophenol	UJ <	10	UG/L	03/05/12	8270DM	
4-Chloroaniline	<	10	UG/L	03/05/12	8270DM	
2-Nitroaniline	UJ <	25	UG/L	03/05/12	8270DM	
3-Nitroaniline	UJ <	25	UG/L	03/05/12	8270DM	
4-Nitroaniline	UJ <	25	UG/L	03/05/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROPHENOL		18
2-FLUOROBIPHENYL		29
NITROBENZENE-D5		28
P-TERPHENYL-D14		43

Sample Number: 514779
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1313
Date Received: 2/15/2012
Date Completed: 03/22/2012
Collected By: HC
PWS Id:
Location Code:
Station:
Facility:
Report Date: 3/22/2012

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE ENVIRONMENTAL LABORATORY
707 N. ROBINSON
OKLAHOMA CITY
OKLAHOMA, 73102-6010
General Inquiries: 1-800-869-1400
Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
EPA Drinking Water Certification #OK00013

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CC: Ferrella March/LPD

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2,4,6-TRIBROMOPHENOL (QCF)		44
PHENOL-D5		14

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NU			

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S5AOC/HWY 81 BRIDGE;OK311100010190_20

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.5

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas (NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis. (UJ) The material was analyzed for but was not detected at or above the reporting limit. The associated value is an estimate and may be inaccurately biased low (based on an associated surrogate compound having relatively low recovery as compared to in-house control limit criteria). (QCF) Quality Control Failure: the surrogate 2,4,6-tribromophenol recovered below the in-house control limit of 45%.

* ANALYST



Sample Number: 514781
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 0947
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
 Collected By: HC
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/22/2012

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To: File Copy

CC: Ferrella March/LPD

Name	Qualifier		Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab:			1.00				
Acenaphthylene	UJ	<	10	UG/L	03/06/12	8270DM	
Acenaphthene	UJ	<	10	UG/L	03/06/12	8270DM	
Anthracene		<	10	UG/L	03/06/12	8270DM	
Benzo(b)fluoranthene		<	10	UG/L	03/06/12	8270DM	
Benzo(k)fluoranthene		<	10	UG/L	03/06/12	8270DM	
Benzo(a)pyrene		<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroethyl)ether		<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroethoxy)methane		<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroisopropyl)ethe		<	10	UG/L	03/06/12	8270DM	
Butylbenzylphthalate	UJ	<	10	UG/L	03/06/12	8270DM	
Chrysene	UJ	<	10	UG/L	03/06/12	8270DM	
Diethylphthalate	UJ	<	10	UG/L	03/06/12	8270DM	
Dimethylphthalate	UJ	<	10	UG/L	03/06/12	8270DM	
Fluoranthene		<	10	UG/L	03/06/12	8270DM	
Fluorene	UJ	<	10	UG/L	03/06/12	8270DM	
Hexachlorocyclopentadiene	UJ	<	10	UG/L	03/06/12	8270DM	
Hexachloroethane in water		<	10	UG/L	03/06/12	8270DM	
Indeno(123cd)pyrene		<	10	UG/L	03/06/12	8270DM	
Isophorone		<	10	UG/L	03/06/12	8270DM	
Nitrosodipropylamine		<	10	UG/L	03/06/12	8270DM	
Nitrosodiphenylamine		<	10	UG/L	03/06/12	8270DM	
Nitrobenzene		<	10	UG/L	03/06/12	8270DM	
p-Chloro-m-cresol		<	10	UG/L	03/06/12	8270DM	
Phenanthrene		<	10	UG/L	03/06/12	8270DM	
Pyrene	UJ	<	10	UG/L	03/06/12	8270DM	
Benzo(ghi)perylene		<	10	UG/L	03/06/12	8270DM	
Benzo(a)anthracene	UJ	<	10	UG/L	03/06/12	8270DM	
Dibenzo(ah)anthracene		<	10	UG/L	03/06/12	8270DM	
2-Chloronaphthalene	UJ	<	10	UG/L	03/06/12	8270DM	
2-Chlorophenol		<	10	UG/L	03/06/12	8270DM	
2-Nitrophenol		<	10	UG/L	03/06/12	8270DM	
Di-n-octylphthalate		<	10	UG/L	03/06/12	8270DM	

Sample Number: 514781
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 0947
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 Date Completed: 03/22/2012
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CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	03/06/12	8270DM	
2,4-Dimethylphenol	<	10	UG/L	03/06/12	8270DM	
2,4-Dinitrotoluene	UJ <	10	UG/L	03/06/12	8270DM	
2,4-Dinitrophenol	UJ <	25	UG/L	03/06/12	8270DM	
2,4,6-Trichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
2,6-Dinitrotoluene	UJ <	10	UG/L	03/06/12	8270DM	
3,3'-Dichlorobenzidine	UJ <	10	UG/L	03/06/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	03/06/12	8270DM	
4-Chlorophenyl phenylether	UJ <	10	UG/L	03/06/12	8270DM	
4-Nitrophenol	UJ <	25	UG/L	03/06/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	03/06/12	8270DM	
Phenol	<	10	UG/L	03/06/12	8270DM	
Naphthalene	<	10	UG/L	03/06/12	8270DM	
Pentachlorophenol	<	25	UG/L	03/06/12	8270DM	
Bis(2-ethylhexyl)phthalate	UJ <	10	UG/L	03/06/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	03/06/12	8270DM	
Hexachlorobenzene	<	10	UG/L	03/06/12	8270DM	
Hexachlorobutadiene	<	10	UG/L	03/06/12	8270DM	
Dibenzofuran	UJ <	10	UG/L	03/06/12	8270DM	
2-Methylnaphthalene	<	10	UG/L	03/06/12	8270DM	
2-Methylphenol	<	10	UG/L	03/06/12	8270DM	
4-Methylphenol	<	10	UG/L	03/06/12	8270DM	
2,4,5-Trichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
4-Chloroaniline	<	10	UG/L	03/06/12	8270DM	
2-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	
3-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	
4-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
NITROBENZENE-D5 (QCF)		8
P-TERPHENYL-D14 (QCF)		18
2,4,6-TRIBROMOPHENOL (QCF)		18
PHENOL-D5		10

Sample Number: 514781
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 0947
Date Received: 2/15/2012
Date Completed: 03/22/2012
Collected By: HC
PWS Id:
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Report Date: 3/22/2012

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COMPOUND	SURROGATE RECOVERIES	RECOVERY %
2-FLUOROBIPHENYL (QCF)		9
2-FLUOROPHENOL		10

COMPOUND	TENTATIVELY IDENTIFIED BY NBS LIBRARY SEARCH	VALUE	UNITS
NU			

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S8-DAOC/HWY 89 BRIDGE;OK311100010190_20

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.1

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas (NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis. (UJ) The material was analyzed for but was not detected at or above the reporting limit. The associated value is an estimate and may be inaccurately biased low (based on an associated surrogate compound having relatively low recovery as compared to in-house control limit criteria). (QCF) Quality Control Failure: the surrogate 2-fluorobiphenyl recovered below the in-house control limit of 27%, the surrogate 2,4,6-tribromophenol recovered below the in-house control limit of 45%, the surrogate nitrobenzene-d5 recovered below the in-house control limit of 13%, and the surrogate terphenyl-d14 recovered below the in-house control limit of 33%.

* ANALYST Cassandra Kontas

Sample Number: 514782
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1059
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/22/2012

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 Sample Receiving: (405) 702-1113
Report of Analysis by GCMS
 EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

Name	Qualifier		Value	Units	Analyzed	Method	Prep Type
Dilution Factor, Extractab.			1.00				
Acenaphthylene	UJ	<	10	UG/L	03/06/12	8270DM	
Acenaphthene	UJ	<	10	UG/L	03/06/12	8270DM	
Anthracene		<	10	UG/L	03/06/12	8270DM	
Benzo(b)fluoranthene		<	10	UG/L	03/06/12	8270DM	
Benzo(k)fluoranthene		<	10	UG/L	03/06/12	8270DM	
Benzo(a)pyrene		<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroethyl)ether		<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroethoxy)methane		<	10	UG/L	03/06/12	8270DM	
Bis(2-chloroisopropyl)ethe		<	10	UG/L	03/06/12	8270DM	
Butylbenzylphthalate		<	10	UG/L	03/06/12	8270DM	
Chrysene		<	10	UG/L	03/06/12	8270DM	
Diethylphthalate	UJ	<	10	UG/L	03/06/12	8270DM	
Dimethylphthalate	UJ	<	10	UG/L	03/06/12	8270DM	
Fluoranthene		<	10	UG/L	03/06/12	8270DM	
Fluorene	UJ	<	10	UG/L	03/06/12	8270DM	
Hexachlorocyclopentadiene	UJ	<	10	UG/L	03/06/12	8270DM	
Hexachloroethane in water		<	10	UG/L	03/06/12	8270DM	
Indeno(123cd)pyrene		<	10	UG/L	03/06/12	8270DM	
Isophorone		<	10	UG/L	03/06/12	8270DM	
Nitrosodipropylamine		<	10	UG/L	03/06/12	8270DM	
Nitrosodiphenylamine		<	10	UG/L	03/06/12	8270DM	
Nitrobenzene		<	10	UG/L	03/06/12	8270DM	
p-Chloro-m-cresol		<	10	UG/L	03/06/12	8270DM	
Phenanthrene		<	10	UG/L	03/06/12	8270DM	
Pyrene		<	10	UG/L	03/06/12	8270DM	
Benzo(ghi)perylene		<	10	UG/L	03/06/12	8270DM	
Benzo(a)anthracene		<	10	UG/L	03/06/12	8270DM	
Dibenzo(ah)anthracene		<	10	UG/L	03/06/12	8270DM	
2-Chloronaphthalene	UJ	<	10	UG/L	03/06/12	8270DM	
2-Chlorophenol		<	10	UG/L	03/06/12	8270DM	
2-Nitrophenol		<	10	UG/L	03/06/12	8270DM	
Di-n-octylphthalate		<	10	UG/L	03/06/12	8270DM	

Sample Number: 514782
 Project Code: RR-BLP
 Agency Number:
 Date Collected: 2/14/2012
 Time Collected: 1059
 Date Received: 2/15/2012
 Date Completed: 03/22/2012
 Collected By: BM
 PWS Id:
 Location Code:
 Station:
 Facility:
 Report Date: 3/22/2012

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To: File Copy

CC: Ferrella March/LPD

Name	Qualifier	Value	Units	Analyzed	Method	Prep Type
2,4-Dichlorophenol	<	10	UG/L	03/06/12	8270DM	
2,4-Dimethylphenol	<	10	UG/L	03/06/12	8270DM	
2,4-Dinitrotoluene	UJ <	10	UG/L	03/06/12	8270DM	
2,4-Dinitrophenol	UJ <	25	UG/L	03/06/12	8270DM	
2,4,6-Trichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
2,6-Dinitrotoluene	UJ <	10	UG/L	03/06/12	8270DM	
3,3'-Dichlorobenzidine	<	10	UG/L	03/06/12	8270DM	
4-Bromophenylphenyl ether	<	10	UG/L	03/06/12	8270DM	
4-Chlorophenyl phenylether	UJ <	10	UG/L	03/06/12	8270DM	
4-Nitrophenol	UJ <	25	UG/L	03/06/12	8270DM	
4,6-Dinitro-o-cresol	<	25	UG/L	03/06/12	8270DM	
Phenol	<	10	UG/L	03/06/12	8270DM	
Naphthalene	<	10	UG/L	03/06/12	8270DM	
Pentachlorophenol	<	25	UG/L	03/06/12	8270DM	
Bis(2-ethylhexyl)phthalate	<	10	UG/L	03/06/12	8270DM	
Di-n-butylphthalate	<	10	UG/L	03/06/12	8270DM	
Hexachlorobenzene	<	10	UG/L	03/06/12	8270DM	
Hexachlorobutadiene	<	10	UG/L	03/06/12	8270DM	
Dibenzofuran	UJ <	10	UG/L	03/06/12	8270DM	
2-Methylnaphthalene	<	10	UG/L	03/06/12	8270DM	
2-Methylphenol	<	10	UG/L	03/06/12	8270DM	
4-Methylphenol	<	10	UG/L	03/06/12	8270DM	
2,4,5-Trichlorophenol	UJ <	10	UG/L	03/06/12	8270DM	
4-Chloroaniline	<	10	UG/L	03/06/12	8270DM	
2-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	
3-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	
4-Nitroaniline	UJ <	25	UG/L	03/06/12	8270DM	

COMPOUND	SURROGATE RECOVERIES	RECOVERY %
NITROBENZENE-D5		14
2-FLUOROBIPHENYL (QCF)		25
P-TERPHENYL-D14		48
2,4,6-TRIBROMOPHENOL (QCF)		40

Sample Number: 514782
Project Code: RR-BLP
Agency Number:
Date Collected: 2/14/2012
Time Collected: 1059
Date Received: 2/15/2012
Date Completed: 03/22/2012
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EPA Drinking Water Certification #OK00013

To: File Copy

CC: Ferrella March/LPD

SURROGATE RECOVERIES		RECOVERY %	
COMPOUND			
2-FLUOROPHENOL		9	
PHENOL-D5		11	

TENTATIVELY IDENTIFIED BY		VALUE	
COMPOUND	NBS LIBRARY SEARCH		UNITS
NU			

Summary

Labs performing analysis on this Sample:

GCMS

SOURCE: RED RIVER BASE LINE

SAMPLERS COMMENTS:

S7-AOC/DOWNSTREAM OF RED CREEK; OK311100010190_20

SAMPLE RECEIVING COMMENTS:

ICE; SAMPLE= 3.0

ANALYST'S COMMENTS:

Analyst: Cassandra Kontas (NU) The analysis indicates no 'tentatively identified' compounds present above the reporting limit for this analysis. (UJ) The material was analyzed for but was not detected at or above the reporting limit. The associated value is an estimate and may be inaccurately biased low (based on an associated surrogate compound having relatively low recovery as compared to in-house control limit criteria). (QCF) Quality Control Failure: the surrogate 2-fluorobiphenyl recovered below the in-house control limit of 27%, and the surrogate 2,4,6-tribromophenol recovered below the in-house control limit of 45%.

*

* ANALYST

Cassandra Kontas