

# **ANALYTICAL REPORT**

PROJECT NO. 02.2.04.01

SUB SLAB INVEST.SSOW# R001018

Lot #: A0B170444

Sue Scrocchi

Conestoga-Rovers & Associates,  
2055 Niagara Falls Blvd.  
Suite Three  
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TESTAMERICA LABORATORIES, INC.

Denise D. Heckler  
Project Manager

February 24, 2010

## EXECUTIVE SUMMARY - Detection Highlights

A0B170444

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>UST-16 3-3.5 02/15/10 11:45 001</b>				
bis(2-Ethylhexyl) phthalate	49 J	58	ug/kg	SW846 8270C
1,2,4-Trimethylbenzene	1.5 J	5.8	ug/kg	SW846 8260B
Acetone	160	23	ug/kg	SW846 8260B
2-Butanone	32	23	ug/kg	SW846 8260B
Toluene	0.89 J,B	5.8	ug/kg	SW846 8260B
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
<b>UST-16 9-9.5 02/15/10 11:53 002</b>				
Acenaphthene	910	150	ug/kg	SW846 8270C
Anthracene	220	150	ug/kg	SW846 8270C
Dibenzofuran	480 J	1100	ug/kg	SW846 8270C
Fluorene	870	150	ug/kg	SW846 8270C
2-Methylnaphthalene	530	150	ug/kg	SW846 8270C
Naphthalene	220	150	ug/kg	SW846 8270C
Phenanthrene	1700	150	ug/kg	SW846 8270C
Pyrene	160	150	ug/kg	SW846 8270C
2-Butanone	180 J,B	1100	ug/kg	SW846 8260B
tert-Butylbenzene	12 J	280	ug/kg	SW846 8260B
Cyclohexane	13 J,B	560	ug/kg	SW846 8260B
Naphthalene	500 B	280	ug/kg	SW846 8260B
Toluene	17 J,B	280	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	97 J	280	ug/kg	SW846 8260B
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD
<b>UST-16 11-11.5 02/15/10 11:57 003</b>				
bis(2-Ethylhexyl) phthalate	36 J	54	ug/kg	SW846 8270C
Cyclohexane	0.51 J	11	ug/kg	SW846 8260B
Toluene	0.87 J,B	5.4	ug/kg	SW846 8260B
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD
<b>DUP021510 02/15/10 004</b>				
1,2,4-Trimethylbenzene	1.4 J	5.8	ug/kg	SW846 8260B
Acetone	150	23	ug/kg	SW846 8260B
2-Butanone	29	23	ug/kg	SW846 8260B
Cyclohexane	0.40 J	12	ug/kg	SW846 8260B
Toluene	1.2 J,B	5.8	ug/kg	SW846 8260B
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD

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# EXECUTIVE SUMMARY - Detection Highlights

A0B170444

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>DUP021510a 02/15/10 005</b>				
Acenaphthene	660	150	ug/kg	SW846 8270C
Fluorene	660	150	ug/kg	SW846 8270C
2-Methylnaphthalene	370	150	ug/kg	SW846 8270C
Phenanthrene	1300	150	ug/kg	SW846 8270C
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD
<b>RINSEBLANK021510a 02/15/10 15:00 007</b>				
Acetone	3.7 J	10	ug/L	SW846 8260B
2-Butanone	1.4 J	10	ug/L	SW846 8260B

# ANALYTICAL METHODS SUMMARY

A0B170444

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B

## References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",  
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical  
Methods", Third Edition, November 1986 and its updates.

# SAMPLE SUMMARY

A0B170444

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
LVRH2	001	UST-16 3-3.5	02/15/10	11:45
LVRH4	002	UST-16 9-9.5	02/15/10	11:53
LVRH5	003	UST-16 11-11.5	02/15/10	11:57
LVRH6	004	DUP021510	02/15/10	
LVRJC	005	DUP021510a	02/15/10	
LVRJE	006	RINSEBLANK021510	02/15/10	15:00
LVRJG	007	RINSEBLANK021510a	02/15/10	15:00

## NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filler test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 3-3.5

GC/MS Volatiles

Lot-Sample #...: A0B170444-001    Work Order #...: LVRH21AC    Matrix.....: SO  
 Date Sampled...: 02/15/10 11:45    Date Received..: 02/17/10  
 Prep Date.....: 02/19/10    Analysis Date..: 02/19/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 1  
 % Moisture.....: 14    Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
n-Butylbenzene	ND	5.8	ug/kg	0.27
sec-Butylbenzene	ND	5.8	ug/kg	0.21
tert-Butylbenzene	ND	5.8	ug/kg	0.34
p-Isopropyltoluene	ND	5.8	ug/kg	0.25
Naphthalene	ND	5.8	ug/kg	0.22
n-Propylbenzene	ND	5.8	ug/kg	0.47
<b>1,2,4-Trimethylbenzene</b>	<b>1.5 J</b>	<b>5.8</b>	<b>ug/kg</b>	<b>0.76</b>
1,3,5-Trimethylbenzene	ND	5.8	ug/kg	0.29
<b>Acetone</b>	<b>160</b>	<b>23</b>	<b>ug/kg</b>	<b>7.4</b>
Benzene	ND	5.8	ug/kg	0.27
Bromodichloromethane	ND	5.8	ug/kg	0.33
Bromoform	ND	5.8	ug/kg	0.39
Bromomethane	ND	5.8	ug/kg	0.63
<b>2-Butanone</b>	<b>32</b>	<b>23</b>	<b>ug/kg</b>	<b>1.6</b>
Carbon disulfide	ND	5.8	ug/kg	0.51
Carbon tetrachloride	ND	5.8	ug/kg	0.43
Chlorobenzene	ND	5.8	ug/kg	0.39
Chloroethane	ND	5.8	ug/kg	1.0
Chloroform	ND	5.8	ug/kg	0.34
Chloromethane	ND	5.8	ug/kg	0.48
Cyclohexane	ND	12	ug/kg	0.39
Dibromochloromethane	ND	5.8	ug/kg	0.64
1,2-Dibromo-3-chloro- propane	ND	12	ug/kg	1.5
1,2-Dibromoethane	ND	5.8	ug/kg	0.58
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.42
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.41
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.77
Dichlorodifluoromethane	ND	5.8	ug/kg	0.58
1,1-Dichloroethane	ND	5.8	ug/kg	0.42
1,2-Dichloroethane	ND	5.8	ug/kg	0.40
1,1-Dichloroethene	ND	5.8	ug/kg	0.61
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.42
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.48
1,2-Dichloropropane	ND	5.8	ug/kg	0.81
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.40
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.63
Ethylbenzene	ND	5.8	ug/kg	0.30

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 3-3.5

GC/MS Volatiles

Lot-Sample #...: A0B170444-001    Work Order #...: LVRH21AC    Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Hexanone	ND	23	ug/kg	0.74
Isopropylbenzene	ND	5.8	ug/kg	0.19
Methyl acetate	ND	12	ug/kg	1.6
Methylene chloride	ND	5.8	ug/kg	0.78
Methylcyclohexane	ND	12	ug/kg	0.36
4-Methyl-2-pentanone	ND	23	ug/kg	0.63
Methyl tert-butyl ether	ND	23	ug/kg	0.50
Styrene	ND	5.8	ug/kg	0.18
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.40
Tetrachloroethene	ND	5.8	ug/kg	0.61
<b>Toluene</b>	<b>0.89 J,B</b>	<b>5.8</b>	<b>ug/kg</b>	<b>0.32</b>
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	0.32
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.65
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.46
Trichloroethene	ND	5.8	ug/kg	0.49
Trichlorofluoromethane	ND	5.8	ug/kg	0.40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	ug/kg	1.5
Vinyl chloride	ND	5.8	ug/kg	0.46
Xylenes (total)	ND	12	ug/kg	0.78

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	82	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
Toluene-d8	91	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)

**NOTE(S):**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 3-3.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-001    Work Order #...: LVRH21AD    Matrix.....: SO  
 Date Sampled...: 02/15/10 11:45    Date Received...: 02/17/10  
 Prep Date.....: 02/18/10    Analysis Date...: 02/22/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1  
 % Moisture.....: 14    Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.8	ug/kg	1.5
Atrazine	ND	230	ug/kg	25
Benzo(a)anthracene	ND	7.8	ug/kg	1.1
Benzo(a)pyrene	ND	7.8	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.8	ug/kg	1.4
Benzo(ghi)perylene	ND	7.8	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.8	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)- ether	ND	120	ug/kg	2.3
<b>bis(2-Ethylhexyl) phthalate</b>	<b>49 J</b>	<b>58</b>	<b>ug/kg</b>	<b>21</b>
4-Bromophenyl phenyl ether	ND	58	ug/kg	25
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	390	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	ND	7.8	ug/kg	1.1
Dibenz(a,h)anthracene	ND	7.8	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22
2,4-Dimethylphenol	ND	180	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	25
Di-n-butyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 3-3.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-001 Work Order #...: LVRH21AD Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
4,6-Dinitro- 2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	25
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	ND	7.8	ug/kg	1.4
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.5
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopenta- diene	ND	390	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg	1.8
Isophorone	ND	58	ug/kg	25
2-Methylnaphthalene	ND	7.8	ug/kg	1.8
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.8	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propyl- amine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	25
2,2'-oxybis (1-Chloropropane)	ND	120	ug/kg	30
Pentachlorophenol	ND	180	ug/kg	96
Phenanthrene	ND	7.8	ug/kg	2.3
Phenol	ND	58	ug/kg	29
Pyrene	ND	7.8	ug/kg	1.3
2,4,5-Trichloro- phenol	ND	180	ug/kg	29
2,4,6-Trichloro- phenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 3-3.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-001 Work Order #...: LVRH21AD Matrix.....: SO

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	70	(10 - 118)

**NOTE(S):**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 3-3.5

General Chemistry

Lot-Sample #...: A0B170444-001    Work Order #...: LVRH2    Matrix.....: SO  
Date Sampled...: 02/15/10 11:45    Date Received...: 02/17/10  
% Moisture.....: 14

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD	02/18-02/19/10	0049157
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 9-9.5

GC/MS Volatiles

Lot-Sample #...: A0B170444-002    Work Order #...: LVRH41AC    Matrix.....: SO  
 Date Sampled...: 02/15/10 11:53    Date Received...: 02/17/10  
 Prep Date.....: 02/23/10    Analysis Date...: 02/23/10  
 Prep Batch #...: 0055147  
 Dilution Factor: 0.98  
 % Moisture.....: 12    Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	1100	ug/kg	110
Benzene	ND	280	ug/kg	7.1
Bromodichloromethane	ND	280	ug/kg	13
Bromoform	ND	280	ug/kg	14
Bromomethane	ND	280	ug/kg	28
<b>2-Butanone</b>	<b>180 J,B</b>	<b>1100</b>	<b>ug/kg</b>	<b>54</b>
n-Butylbenzene	ND	280	ug/kg	14
sec-Butylbenzene	ND	280	ug/kg	27
<b>tert-Butylbenzene</b>	<b>12 J</b>	<b>280</b>	<b>ug/kg</b>	<b>5.3</b>
Carbon disulfide	ND	280	ug/kg	22
Carbon tetrachloride	ND	280	ug/kg	13
Chlorobenzene	ND	280	ug/kg	7.0
Dibromochloromethane	ND	280	ug/kg	7.7
1,2-Dibromo-3-chloro- propane	ND	560	ug/kg	67
Chloroethane	ND	280	ug/kg	72
Chloroform	ND	280	ug/kg	13
Chloromethane	ND	280	ug/kg	5.8
<b>Cyclohexane</b>	<b>13 J,B</b>	<b>560</b>	<b>ug/kg</b>	<b>8.5</b>
1,2-Dibromoethane	ND	280	ug/kg	11
1,2-Dichlorobenzene	ND	280	ug/kg	19
1,3-Dichlorobenzene	ND	280	ug/kg	8.0
1,4-Dichlorobenzene	ND	280	ug/kg	8.8
Dichlorodifluoromethane	ND	280	ug/kg	6.0
1,1-Dichloroethane	ND	280	ug/kg	8.1
1,2-Dichloroethane	ND	280	ug/kg	10
1,1-Dichloroethene	ND	280	ug/kg	9.2
cis-1,2-Dichloroethene	ND	280	ug/kg	16
trans-1,2-Dichloroethene	ND	280	ug/kg	12
1,2-Dichloropropane	ND	280	ug/kg	8.2
cis-1,3-Dichloropropene	ND	280	ug/kg	6.1
trans-1,3-Dichloropropene	ND	280	ug/kg	6.0
Ethylbenzene	ND	280	ug/kg	7.5
Trichlorofluoromethane	ND	280	ug/kg	9.2
2-Hexanone	ND	1100	ug/kg	27
Isopropylbenzene	ND	280	ug/kg	5.7
p-Isopropyltoluene	ND	280	ug/kg	27
Methyl acetate	ND	560	ug/kg	58

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 9-9.5

GC/MS Volatiles

Lot-Sample #...: A0B170444-002 Work Order #...: LVRH41AC Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Methylcyclohexane	ND	560	ug/kg	0.34
Methylene chloride	ND	280	ug/kg	110
4-Methyl-2-pentanone	ND	1100	ug/kg	12
<b>Naphthalene</b>	<b>500 B</b>	<b>280</b>	<b>ug/kg</b>	<b>11</b>
n-Propylbenzene	ND	280	ug/kg	6.2
Styrene	ND	280	ug/kg	31
1,1,2,2-Tetrachloroethane	ND	280	ug/kg	9.1
Tetrachloroethene	ND	280	ug/kg	10
<b>Toluene</b>	<b>17 J,B</b>	<b>280</b>	<b>ug/kg</b>	<b>10</b>
1,2,4-Trichloro-benzene	ND	280	ug/kg	13
1,1,1-Trichloroethane	ND	280	ug/kg	11
1,1,2-Trichloroethane	ND	280	ug/kg	11
Trichloroethene	ND	280	ug/kg	13
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	280	ug/kg	11
<b>1,2,4-Trimethylbenzene</b>	<b>97 J</b>	<b>280</b>	<b>ug/kg</b>	<b>29</b>
1,3,5-Trimethylbenzene	ND	280	ug/kg	28
Vinyl chloride	ND	280	ug/kg	18
Xylenes (total)	ND	560	ug/kg	17
Methyl tert-butyl ether	ND	1100	ug/kg	11

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	70	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
Toluene-d8	73	(60 - 143)
4-Bromofluorobenzene	71	(47 - 158)

**NOTE(S):**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 9-9.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-002    Work Order #...: LVRH41AD    Matrix.....: SO  
 Date Sampled...: 02/15/10 11:53    Date Received...: 02/17/10  
 Prep Date.....: 02/18/10    Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 20  
 % Moisture.....: 12    Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
<b>Acenaphthene</b>	<b>910</b>	<b>150</b>	<b>ug/kg</b>	<b>29</b>
Acenaphthylene	ND	150	ug/kg	27
Acetophenone	ND	2300	ug/kg	590
<b>Anthracene</b>	<b>220</b>	<b>150</b>	<b>ug/kg</b>	<b>29</b>
Atrazine	ND	4500	ug/kg	480
Benzo(a)anthracene	ND	150	ug/kg	22
Benzo(a)pyrene	ND	150	ug/kg	29
Benzo(b)fluoranthene	ND	150	ug/kg	27
Benzo(ghi)perylene	ND	150	ug/kg	29
Benzo(k)fluoranthene	ND	150	ug/kg	39
Benzaldehyde	ND	2300	ug/kg	480
1,1'-Biphenyl	ND	1100	ug/kg	520
bis(2-Chloroethoxy) methane	ND	2300	ug/kg	500
bis(2-Chloroethyl)- ether	ND	2300	ug/kg	45
bis(2-Ethylhexyl) phthalate	ND	1100	ug/kg	410
4-Bromophenyl phenyl ether	ND	1100	ug/kg	480
Butyl benzyl phthalate	ND	1100	ug/kg	430
Caprolactam	ND	7500	ug/kg	840
Carbazole	ND	1100	ug/kg	430
4-Chloroaniline	ND	3400	ug/kg	390
4-Chloro-3-methylphenol	ND	3400	ug/kg	480
2-Chloronaphthalene	ND	1100	ug/kg	500
2-Chlorophenol	ND	1100	ug/kg	590
4-Chlorophenyl phenyl ether	ND	1100	ug/kg	540
Chrysene	ND	150	ug/kg	20
Dibenz(a,h)anthracene	ND	150	ug/kg	29
<b>Dibenzofuran</b>	<b>480 J</b>	<b>1100</b>	<b>ug/kg</b>	<b>450</b>
3,3'-Dichlorobenzidine	ND	2300	ug/kg	410
2,4-Dichlorophenol	ND	3400	ug/kg	450
Diethyl phthalate	ND	1100	ug/kg	430
2,4-Dimethylphenol	ND	3400	ug/kg	450
Dimethyl phthalate	ND	1100	ug/kg	480
Di-n-butyl phthalate	ND	1100	ug/kg	430

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 9-9.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-002    Work Order #...: LVRH41AD    Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
4,6-Dinitro- 2-methylphenol	ND	3400	ug/kg	290
2,4-Dinitrophenol	ND	7500	ug/kg	1900
2,4-Dinitrotoluene	ND	4500	ug/kg	410
2,6-Dinitrotoluene	ND	4500	ug/kg	480
Di-n-octyl phthalate	ND	1100	ug/kg	410
Fluoranthene	ND	150	ug/kg	27
<b>Fluorene</b>	<b>870</b>	<b>150</b>	<b>ug/kg</b>	<b>27</b>
Hexachlorobenzene	ND	150	ug/kg	48
Hexachlorobutadiene	ND	1100	ug/kg	590
Hexachlorocyclopenta- diene	ND	7500	ug/kg	360
Hexachloroethane	ND	1100	ug/kg	630
Indeno(1,2,3-cd)pyrene	ND	150	ug/kg	34
Isophorone	ND	1100	ug/kg	480
<b>2-Methylnaphthalene</b>	<b>530</b>	<b>150</b>	<b>ug/kg</b>	<b>34</b>
2-Methylphenol	ND	4500	ug/kg	630
4-Methylphenol	ND	4500	ug/kg	500
<b>Naphthalene</b>	<b>220</b>	<b>150</b>	<b>ug/kg</b>	<b>36</b>
2-Nitroaniline	ND	4500	ug/kg	500
3-Nitroaniline	ND	4500	ug/kg	360
4-Nitroaniline	ND	4500	ug/kg	590
Nitrobenzene	ND	2300	ug/kg	50
2-Nitrophenol	ND	1100	ug/kg	430
4-Nitrophenol	ND	7500	ug/kg	2500
N-Nitrosodi-n-propyl- amine	ND	1100	ug/kg	520
N-Nitrosodiphenylamine	ND	1100	ug/kg	480
2,2'-oxybis (1-Chloropropane)	ND	2300	ug/kg	590
Pentachlorophenol	ND	3400	ug/kg	1900
<b>Phenanthrene</b>	<b>1700</b>	<b>150</b>	<b>ug/kg</b>	<b>45</b>
Phenol	ND	1100	ug/kg	570
<b>Pyrene</b>	<b>160</b>	<b>150</b>	<b>ug/kg</b>	<b>25</b>
2,4,5-Trichloro- phenol	ND	3400	ug/kg	570
2,4,6-Trichloro- phenol	ND	3400	ug/kg	480

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 9-9.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-002    Work Order #...: LVRH41AD    Matrix.....: SO

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	84 DIL	(24 - 112)
2-Fluorobiphenyl	98 DIL	(34 - 110)
Terphenyl-d14	116 DIL	(41 - 119)
Phenol-d5	93 DIL	(28 - 110)
2-Fluorophenol	95 DIL	(26 - 110)
2,4,6-Tribromophenol	95 DIL	(10 - 118)

**NOTE(S):**

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 9-9.5

General Chemistry

Lot-Sample #...: A0B170444-002    Work Order #...: LVRH4    Matrix.....: SO  
Date Sampled...: 02/15/10 11:53    Date Received..: 02/17/10  
% Moisture.....: 12

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD	02/18-02/19/10	0049157
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 11-11.5

GC/MS Volatiles

Lot-Sample #...: A0B170444-003    Work Order #...: LVRH51AC    Matrix.....: SO  
 Date Sampled...: 02/15/10 11:57    Date Received...: 02/17/10  
 Prep Date.....: 02/19/10    Analysis Date...: 02/19/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 1  
 % Moisture.....: 7.2    Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
n-Butylbenzene	ND	5.4	ug/kg	0.25
sec-Butylbenzene	ND	5.4	ug/kg	0.19
tert-Butylbenzene	ND	5.4	ug/kg	0.31
p-Isopropyltoluene	ND	5.4	ug/kg	0.23
Naphthalene	ND	5.4	ug/kg	0.20
n-Propylbenzene	ND	5.4	ug/kg	0.43
1,2,4-Trimethylbenzene	ND	5.4	ug/kg	0.70
1,3,5-Trimethylbenzene	ND	5.4	ug/kg	0.27
Acetone	ND	22	ug/kg	6.8
Benzene	ND	5.4	ug/kg	0.25
Bromodichloromethane	ND	5.4	ug/kg	0.30
Bromoform	ND	5.4	ug/kg	0.36
Bromomethane	ND	5.4	ug/kg	0.58
2-Butanone	ND	22	ug/kg	1.5
Carbon disulfide	ND	5.4	ug/kg	0.47
Carbon tetrachloride	ND	5.4	ug/kg	0.40
Chlorobenzene	ND	5.4	ug/kg	0.36
Chloroethane	ND	5.4	ug/kg	0.93
Chloroform	ND	5.4	ug/kg	0.31
Chloromethane	ND	5.4	ug/kg	0.44
<b>Cyclohexane</b>	<b>0.51 J</b>	<b>11</b>	<b>ug/kg</b>	<b>0.36</b>
Dibromochloromethane	ND	5.4	ug/kg	0.59
1,2-Dibromo-3-chloro- propane	ND	11	ug/kg	1.4
1,2-Dibromoethane	ND	5.4	ug/kg	0.54
1,2-Dichlorobenzene	ND	5.4	ug/kg	0.39
1,3-Dichlorobenzene	ND	5.4	ug/kg	0.38
1,4-Dichlorobenzene	ND	5.4	ug/kg	0.71
Dichlorodifluoromethane	ND	5.4	ug/kg	0.54
1,1-Dichloroethane	ND	5.4	ug/kg	0.39
1,2-Dichloroethane	ND	5.4	ug/kg	0.37
1,1-Dichloroethene	ND	5.4	ug/kg	0.56
cis-1,2-Dichloroethene	ND	5.4	ug/kg	0.39
trans-1,2-Dichloroethene	ND	5.4	ug/kg	0.44
1,2-Dichloropropane	ND	5.4	ug/kg	0.74
cis-1,3-Dichloropropene	ND	5.4	ug/kg	0.37
trans-1,3-Dichloropropene	ND	5.4	ug/kg	0.58
Ethylbenzene	ND	5.4	ug/kg	0.28

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 11-11.5

GC/MS Volatiles

Lot-Sample #...: A0B170444-003    Work Order #...: LVRH51AC    Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Hexanone	ND	22	ug/kg	0.68
Isopropylbenzene	ND	5.4	ug/kg	0.17
Methyl acetate	ND	11	ug/kg	1.5
Methylene chloride	ND	5.4	ug/kg	0.72
Methylcyclohexane	ND	11	ug/kg	0.33
4-Methyl-2-pentanone	ND	22	ug/kg	0.58
Methyl tert-butyl ether	ND	22	ug/kg	0.46
Styrene	ND	5.4	ug/kg	0.16
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	0.37
Tetrachloroethene	ND	5.4	ug/kg	0.56
<b>Toluene</b>	<b>0.87 J,B</b>	<b>5.4</b>	<b>ug/kg</b>	<b>0.29</b>
1,2,4-Trichloro-benzene	ND	5.4	ug/kg	0.29
1,1,1-Trichloroethane	ND	5.4	ug/kg	0.60
1,1,2-Trichloroethane	ND	5.4	ug/kg	0.42
Trichloroethene	ND	5.4	ug/kg	0.45
Trichlorofluoromethane	ND	5.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.4	ug/kg	1.4
Vinyl chloride	ND	5.4	ug/kg	0.42
Xylenes (total)	ND	11	ug/kg	0.72

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	85	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	93	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)

**NOTE(S):**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 11-11.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-003    Work Order #...: LVRH51AD    Matrix.....: SO  
 Date Sampled...: 02/15/10 11:57    Date Received...: 02/17/10  
 Prep Date.....: 02/18/10    Analysis Date...: 02/23/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1  
 % Moisture.....: 7.2    Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acenaphthene	ND	7.2	ug/kg	1.4
Acenaphthylene	ND	7.2	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.2	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.2	ug/kg	1.0
Benzo(a)pyrene	ND	7.2	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.2	ug/kg	1.3
Benzo(ghi)perylene	ND	7.2	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.2	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	54	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)- ether	ND	110	ug/kg	2.2
<b>bis(2-Ethylhexyl) phthalate</b>	<b>36 J</b>	<b>54</b>	<b>ug/kg</b>	<b>19</b>
4-Bromophenyl phenyl ether	ND	54	ug/kg	23
Butyl benzyl phthalate	ND	54	ug/kg	20
Caprolactam	ND	360	ug/kg	40
Carbazole	ND	54	ug/kg	20
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	24
2-Chlorophenol	ND	54	ug/kg	28
4-Chlorophenyl phenyl ether	ND	54	ug/kg	26
Chrysene	ND	7.2	ug/kg	0.97
Dibenz(a,h)anthracene	ND	7.2	ug/kg	1.4
Dibenzofuran	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	54	ug/kg	20
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	23
Di-n-butyl phthalate	ND	54	ug/kg	20

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 11-11.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-003    Work Order #...: LVRH51AD    Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
4,6-Dinitro- 2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	89
2,4-Dinitrotoluene	ND	220	ug/kg	19
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	19
Fluoranthene	ND	7.2	ug/kg	1.3
Fluorene	ND	7.2	ug/kg	1.3
Hexachlorobenzene	ND	7.2	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	28
Hexachlorocyclopenta- diene	ND	360	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.2	ug/kg	1.6
Isophorone	ND	54	ug/kg	23
2-Methylnaphthalene	ND	7.2	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	30
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.2	ug/kg	1.7
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	20
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl- amine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
2,2'-oxybis (1-Chloropropane)	ND	110	ug/kg	28
Pentachlorophenol	ND	160	ug/kg	88
Phenanthrene	ND	7.2	ug/kg	2.2
Phenol	ND	54	ug/kg	27
Pyrene	ND	7.2	ug/kg	1.2
2,4,5-Trichloro- phenol	ND	160	ug/kg	27
2,4,6-Trichloro- phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 11-11.5

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-003    Work Order #...: LVRH51AD    Matrix.....: SO

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	62	(34 - 110)
Terphenyl-d14	77	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	67	(10 - 118)

**NOTE(S):**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: UST-16 11-11.5

General Chemistry

Lot-Sample #...: A0B170444-003    Work Order #...: LVRH5    Matrix.....: SO  
Date Sampled...: 02/15/10 11:57    Date Received...: 02/17/10  
% Moisture.....: 7.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	92.8	10.0	%	MCAWW 160.3 MOD	02/18-02/19/10	0049157
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510

GC/MS Volatiles

Lot-Sample #...: A0B170444-004    Work Order #...: LVRH61AC    Matrix.....: SO  
 Date Sampled...: 02/15/10    Date Received..: 02/17/10  
 Prep Date.....: 02/19/10    Analysis Date..: 02/19/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 1  
 % Moisture.....: 14    Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
n-Butylbenzene	ND	5.8	ug/kg	0.27
sec-Butylbenzene	ND	5.8	ug/kg	0.21
tert-Butylbenzene	ND	5.8	ug/kg	0.34
p-Isopropyltoluene	ND	5.8	ug/kg	0.25
Naphthalene	ND	5.8	ug/kg	0.22
n-Propylbenzene	ND	5.8	ug/kg	0.47
<b>1,2,4-Trimethylbenzene</b>	<b>1.4 J</b>	<b>5.8</b>	<b>ug/kg</b>	<b>0.76</b>
1,3,5-Trimethylbenzene	ND	5.8	ug/kg	0.29
<b>Acetone</b>	<b>150</b>	<b>23</b>	<b>ug/kg</b>	<b>7.4</b>
Benzene	ND	5.8	ug/kg	0.27
Bromodichloromethane	ND	5.8	ug/kg	0.33
Bromoform	ND	5.8	ug/kg	0.39
Bromomethane	ND	5.8	ug/kg	0.63
<b>2-Butanone</b>	<b>29</b>	<b>23</b>	<b>ug/kg</b>	<b>1.6</b>
Carbon disulfide	ND	5.8	ug/kg	0.51
Carbon tetrachloride	ND	5.8	ug/kg	0.43
Chlorobenzene	ND	5.8	ug/kg	0.39
Chloroethane	ND	5.8	ug/kg	1.0
Chloroform	ND	5.8	ug/kg	0.34
Chloromethane	ND	5.8	ug/kg	0.48
<b>Cyclohexane</b>	<b>0.40 J</b>	<b>12</b>	<b>ug/kg</b>	<b>0.39</b>
Dibromochloromethane	ND	5.8	ug/kg	0.64
1,2-Dibromo-3-chloro- propane	ND	12	ug/kg	1.5
1,2-Dibromoethane	ND	5.8	ug/kg	0.58
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.42
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.41
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.77
Dichlorodifluoromethane	ND	5.8	ug/kg	0.58
1,1-Dichloroethane	ND	5.8	ug/kg	0.42
1,2-Dichloroethane	ND	5.8	ug/kg	0.40
1,1-Dichloroethene	ND	5.8	ug/kg	0.61
cis-1,2-Dichloroethene	ND	5.8	ug/kg	0.42
trans-1,2-Dichloroethene	ND	5.8	ug/kg	0.48
1,2-Dichloropropane	ND	5.8	ug/kg	0.81
cis-1,3-Dichloropropene	ND	5.8	ug/kg	0.40
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.63
Ethylbenzene	ND	5.8	ug/kg	0.30

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510

GC/MS Volatiles

Lot-Sample #...: A0B170444-004    Work Order #...: LVRH61AC    Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
2-Hexanone	ND	23	ug/kg	0.74
Isopropylbenzene	ND	5.8	ug/kg	0.19
Methyl acetate	ND	12	ug/kg	1.6
Methylene chloride	ND	5.8	ug/kg	0.78
Methylcyclohexane	ND	12	ug/kg	0.36
4-Methyl-2-pentanone	ND	23	ug/kg	0.63
Methyl tert-butyl ether	ND	23	ug/kg	0.50
Styrene	ND	5.8	ug/kg	0.18
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.40
Tetrachloroethene	ND	5.8	ug/kg	0.61
<b>Toluene</b>	<b>1.2 J,B</b>	<b>5.8</b>	<b>ug/kg</b>	<b>0.32</b>
1,2,4-Trichloro- benzene	ND	5.8	ug/kg	0.32
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.65
1,1,2-Trichloroethane	ND	5.8	ug/kg	0.46
Trichloroethene	ND	5.8	ug/kg	0.49
Trichlorofluoromethane	ND	5.8	ug/kg	0.40
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.8	ug/kg	1.5
Vinyl chloride	ND	5.8	ug/kg	0.46
Xylenes (total)	ND	12	ug/kg	0.78

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Dibromofluoromethane	80	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)

**NOTE(S):**

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510

General Chemistry

Lot-Sample #...: A0B170444-004    Work Order #...: LVRH6    Matrix.....: SO  
Date Sampled...: 02/15/10    Date Received...: 02/17/10  
% Moisture.....: 14

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD	02/18-02/19/10	0049157
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510a

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-005    Work Order #...: LVRJC1AC    Matrix.....: SO  
 Date Sampled...: 02/15/10    Date Received...: 02/17/10  
 Prep Date.....: 02/18/10    Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 20  
 % Moisture.....: 12    Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
<b>Acenaphthene</b>	<b>660</b>	<b>150</b>	<b>ug/kg</b>	<b>29</b>
Acenaphthylene	ND	150	ug/kg	27
Acetophenone	ND	2300	ug/kg	590
Anthracene	ND	150	ug/kg	29
Atrazine	ND	4500	ug/kg	480
Benzo(a)anthracene	ND	150	ug/kg	22
Benzo(a)pyrene	ND	150	ug/kg	29
Benzo(b)fluoranthene	ND	150	ug/kg	27
Benzo(ghi)perylene	ND	150	ug/kg	29
Benzo(k)fluoranthene	ND	150	ug/kg	39
Benzaldehyde	ND	2300	ug/kg	480
1,1'-Biphenyl	ND	1100	ug/kg	520
bis(2-Chloroethoxy) methane	ND	2300	ug/kg	500
bis(2-Chloroethyl)- ether	ND	2300	ug/kg	45
bis(2-Ethylhexyl) phthalate	ND	1100	ug/kg	410
4-Bromophenyl phenyl ether	ND	1100	ug/kg	480
Butyl benzyl phthalate	ND	1100	ug/kg	430
Caprolactam	ND	7500	ug/kg	840
Carbazole	ND	1100	ug/kg	430
4-Chloroaniline	ND	3400	ug/kg	390
4-Chloro-3-methylphenol	ND	3400	ug/kg	480
2-Chloronaphthalene	ND	1100	ug/kg	500
2-Chlorophenol	ND	1100	ug/kg	590
4-Chlorophenyl phenyl ether	ND	1100	ug/kg	540
Chrysene	ND	150	ug/kg	20
Dibenz(a,h)anthracene	ND	150	ug/kg	29
Dibenzofuran	ND	1100	ug/kg	450
3,3'-Dichlorobenzidine	ND	2300	ug/kg	410
2,4-Dichlorophenol	ND	3400	ug/kg	450
Diethyl phthalate	ND	1100	ug/kg	430
2,4-Dimethylphenol	ND	3400	ug/kg	450
Dimethyl phthalate	ND	1100	ug/kg	480
Di-n-butyl phthalate	ND	1100	ug/kg	430

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510a

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-005    Work Order #...: LVRJC1AC    Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
4,6-Dinitro- 2-methylphenol	ND	3400	ug/kg	290
2,4-Dinitrophenol	ND	7500	ug/kg	1900
2,4-Dinitrotoluene	ND	4500	ug/kg	410
2,6-Dinitrotoluene	ND	4500	ug/kg	480
Di-n-octyl phthalate	ND	1100	ug/kg	410
Fluoranthene	ND	150	ug/kg	27
<b>Fluorene</b>	<b>660</b>	<b>150</b>	<b>ug/kg</b>	<b>27</b>
Hexachlorobenzene	ND	150	ug/kg	48
Hexachlorobutadiene	ND	1100	ug/kg	590
Hexachlorocyclopenta- diene	ND	7500	ug/kg	360
Hexachloroethane	ND	1100	ug/kg	630
Indeno(1,2,3-cd)pyrene	ND	150	ug/kg	34
Isophorone	ND	1100	ug/kg	480
<b>2-Methylnaphthalene</b>	<b>370</b>	<b>150</b>	<b>ug/kg</b>	<b>34</b>
2-Methylphenol	ND	4500	ug/kg	630
4-Methylphenol	ND	4500	ug/kg	500
Naphthalene	ND	150	ug/kg	36
2-Nitroaniline	ND	4500	ug/kg	500
3-Nitroaniline	ND	4500	ug/kg	360
4-Nitroaniline	ND	4500	ug/kg	590
Nitrobenzene	ND	2300	ug/kg	50
2-Nitrophenol	ND	1100	ug/kg	430
4-Nitrophenol	ND	7500	ug/kg	2500
N-Nitrosodi-n-propyl- amine	ND	1100	ug/kg	520
N-Nitrosodiphenylamine	ND	1100	ug/kg	480
2,2'-oxybis (1-Chloropropane)	ND	2300	ug/kg	590
Pentachlorophenol	ND	3400	ug/kg	1900
<b>Phenanthrene</b>	<b>1300</b>	<b>150</b>	<b>ug/kg</b>	<b>45</b>
Phenol	ND	1100	ug/kg	570
Pyrene	ND	150	ug/kg	25
2,4,5-Trichloro- phenol	ND	3400	ug/kg	570
2,4,6-Trichloro- phenol	ND	3400	ug/kg	480

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510a

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-005    Work Order #...: LVRJC1AC    Matrix.....: SO

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	70 DIL	(24 - 112)
2-Fluorobiphenyl	81 DIL	(34 - 110)
Terphenyl-d14	95 DIL	(41 - 119)
Phenol-d5	75 DIL	(28 - 110)
2-Fluorophenol	74 DIL	(26 - 110)
2,4,6-Tribromophenol	67 DIL	(10 - 118)

**NOTE(S):**

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DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: DUP021510a

General Chemistry

Lot-Sample #...: A0B170444-005    Work Order #...: LVRJC    Matrix.....: SO  
Date Sampled...: 02/15/10    Date Received..: 02/17/10  
% Moisture.....: 12

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD	02/18-02/19/10	0049157
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: RINSEBLANK021510

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-006    Work Order #...: LVRJE1AA    Matrix.....: WQ  
 Date Sampled...: 02/15/10 15:00    Date Received...: 02/17/10  
 Prep Date.....: 02/18/10    Analysis Date...: 02/19/10  
 Prep Batch #...: 0049031  
 Dilution Factor: 1    Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.10
Acenaphthylene	ND	0.20	ug/L	0.10
Acetophenone	ND	1.0	ug/L	0.34
Anthracene	ND	0.20	ug/L	0.10
Atrazine	ND	1.0	ug/L	0.34
Benzo(a)anthracene	ND	0.20	ug/L	0.10
Benzo(a)pyrene	ND	0.20	ug/L	0.10
Benzo(b)fluoranthene	ND	0.20	ug/L	0.10
Benzo(ghi)perylene	ND	0.20	ug/L	0.10
Benzo(k)fluoranthene	ND	0.20	ug/L	0.10
Benzaldehyde	ND	1.0	ug/L	0.39
1,1'-Biphenyl	ND	1.0	ug/L	0.80
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.32
bis(2-Chloroethyl)- ether	ND	1.0	ug/L	0.10
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	0.80
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.80
Butyl benzyl phthalate	ND	1.0	ug/L	0.80
Caprolactam	ND	5.0	ug/L	0.80
Carbazole	ND	1.0	ug/L	0.28
4-Chloroaniline	ND	2.0	ug/L	0.80
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.80
2-Chloronaphthalene	ND	1.0	ug/L	0.10
2-Chlorophenol	ND	1.0	ug/L	0.29
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.30
Chrysene	ND	0.20	ug/L	0.10
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.10
Dibenzofuran	ND	1.0	ug/L	0.10
3,3'-Dichlorobenzidine	ND	5.0	ug/L	0.37
2,4-Dichlorophenol	ND	2.0	ug/L	0.80
Diethyl phthalate	ND	1.0	ug/L	0.60
2,4-Dimethylphenol	ND	2.0	ug/L	0.80
Dimethyl phthalate	ND	1.0	ug/L	0.29
Di-n-butyl phthalate	ND	1.0	ug/L	0.67
4,6-Dinitro- 2-methylphenol	ND	5.0	ug/L	2.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: RINSEBLANK021510

GC/MS Semivolatiles

Lot-Sample #...: A0B170444-006    Work Order #...: LVRJE1AA    Matrix.....: WQ

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2,4-Dinitrophenol	ND	5.0	ug/L	2.4
2,4-Dinitrotoluene	ND	5.0	ug/L	0.27
2,6-Dinitrotoluene	ND	5.0	ug/L	0.80
Di-n-octyl phthalate	ND	1.0	ug/L	0.80
Fluoranthene	ND	0.20	ug/L	0.10
Fluorene	ND	0.20	ug/L	0.10
Hexachlorobenzene	ND	0.20	ug/L	0.10
Hexachlorobutadiene	ND	1.0	ug/L	0.27
Hexachlorocyclopenta- diene	ND	10	ug/L	0.80
Hexachloroethane	ND	1.0	ug/L	0.80
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.10
Isophorone	ND	1.0	ug/L	0.27
2-Methylnaphthalene	ND	0.20	ug/L	0.10
2-Methylphenol	ND	1.0	ug/L	0.80
4-Methylphenol	ND	1.0	ug/L	0.80
Naphthalene	ND	0.20	ug/L	0.10
2-Nitroaniline	ND	2.0	ug/L	0.80
3-Nitroaniline	ND	2.0	ug/L	0.28
4-Nitroaniline	ND	2.0	ug/L	0.80
Nitrobenzene	ND	1.0	ug/L	0.040
2-Nitrophenol	ND	2.0	ug/L	0.28
4-Nitrophenol	ND	5.0	ug/L	2.4
N-Nitrosodi-n-propyl- amine	ND	1.0	ug/L	0.80
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.31
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	0.40
Pentachlorophenol	ND	5.0	ug/L	2.4
Phenanthrene	ND	0.20	ug/L	0.10
Phenol	ND	1.0	ug/L	0.60
Pyrene	ND	0.20	ug/L	0.10
2,4,5-Trichloro- phenol	ND	5.0	ug/L	0.30
2,4,6-Trichloro- phenol	ND	5.0	ug/L	0.80

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	23	(10 - 110)
2-Fluorophenol	41	(10 - 110)
2,4,6-Tribromophenol	65	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: RINSEBLANK021510a

GC/MS Volatiles

Lot-Sample #...: A0B170444-007    Work Order #...: LVRJG1AA    Matrix.....: WQ  
 Date Sampled...: 02/15/10 15:00    Date Received...: 02/17/10  
 Prep Date.....: 02/18/10    Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1    Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
n-Butylbenzene	ND	1.0	ug/L	0.12
sec-Butylbenzene	ND	1.0	ug/L	0.13
tert-Butylbenzene	ND	1.0	ug/L	0.13
p-Isopropyltoluene	ND	1.0	ug/L	0.12
Naphthalene	ND	1.0	ug/L	0.24
n-Propylbenzene	ND	1.0	ug/L	0.14
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
<b>Acetone</b>	<b>3.7 J</b>	<b>10</b>	<b>ug/L</b>	<b>1.1</b>
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
<b>2-Butanone</b>	<b>1.4 J</b>	<b>10</b>	<b>ug/L</b>	<b>0.57</b>
Carbon disulfide	ND	1.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	10	ug/L	0.41

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: RINSEBLANK021510a

GC/MS Volatiles

Lot-Sample #...: A0B170444-007    Work Order #...: LVRJG1AA    Matrix.....: WQ

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Isopropylbenzene	ND	1.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	1.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	10	ug/L	0.32
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
Toluene-d8	84	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

**NOTE(S):**

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
 MB Lot-Sample #: A0B190000-383

Work Order #...: LVW3K1AA

Matrix.....: SOLID

Prep Date.....: 02/19/10

Analysis Date..: 02/19/10

Prep Batch #...: 0050383

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
<b>Naphthalene</b>	<b>1.1 J</b>	<b>5.0</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0B170444

Work Order #...: LVW3K1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
<b>Toluene</b>	<b>0.27 J</b>	<b>5.0</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
<b>1,2,4-Trichloro- benzene</b>	<b>0.54 J</b>	<b>5.0</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Dibromofluoromethane	84	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
 MB Lot-Sample #: A0B220000-094

Work Order #...: LVXN41AA

Matrix.....: WATER

Prep Date.....: 02/18/10

Analysis Date..: 02/18/10

Prep Batch #...: 0053094

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	10	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0B170444

Work Order #...: LVXN41AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	10	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro- benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Dibromofluoromethane	92	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
 MB Lot-Sample #: A0B240000-147

Work Order #...: LV1WP1AA

Matrix.....: SOLID

Prep Date.....: 02/23/10

Analysis Date..: 02/23/10

Prep Batch #...: 0055147

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	1000	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	250	ug/kg	SW846 8260B
<b>2-Butanone</b>	<b>200 J</b>	<b>1000</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	500	ug/kg	SW846 8260B
Chloroethane	ND	250	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	250	ug/kg	SW846 8260B
<b>Cyclohexane</b>	<b>11 J</b>	<b>500</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
1,2-Dibromoethane	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
<b>1,4-Dichlorobenzene</b>	<b>9.6 J</b>	<b>250</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
Dichlorodifluoromethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1000	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Methyl acetate	ND	500	ug/kg	SW846 8260B
Methylcyclohexane	ND	500	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1000	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0B170444

Work Order #...: LV1WP1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
<b>Naphthalene</b>	<b>17 J</b>	<b>250</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
Styrene	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
<b>Toluene</b>	<b>16 J</b>	<b>250</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
<b>1,2,4-Trichloro- benzene</b>	<b>16 J</b>	<b>250</b>	<b>ug/kg</b>	<b>SW846 8260B</b>
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	250	ug/kg	SW846 8260B
Xylenes (total)	ND	500	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	1000	ug/kg	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Dibromofluoromethane	80	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
Toluene-d8	87	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444  
 MB Lot-Sample #: A0B180000-030

Work Order #...: LVTFK1AA

Matrix.....: SOLID

Prep Date.....: 02/18/10

Analysis Date...: 02/19/10

Prep Batch #...: 0049030

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)- ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444

Work Order #...: LVTFK1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta- diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl- amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	100	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro- phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro- phenol	ND	150	ug/kg	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	61	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	68	(28 - 110)
2-Fluorophenol	70	(26 - 110)
2,4,6-Tribromophenol	59	(10 - 118)

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**METHOD BLANK REPORT**

**GC/MS Semivolatiles**

**Client Lot #...: A0B170444**

**Work Order #...: LVTFK1AA**

**Matrix.....: SOLID**

**NOTE(S):**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444  
 MB Lot-Sample #: A0B180000-031

Work Order #...: LVTFL1AA

Matrix.....: WATER

Prep Date.....: 02/18/10

Analysis Date...: 02/19/10

Prep Batch #...: 0049031

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)- ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	5.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444

Work Order #...: LVTFL1AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta- diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl- amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis (1-Chloropropane)	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro- phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro- phenol	ND	5.0	ug/L	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Nitrobenzene-d5	46	(27 - 111)
2-Fluorobiphenyl	47	(28 - 110)
Terphenyl-d14	60	(37 - 119)
Phenol-d5	32	(10 - 110)
2-Fluorophenol	45	(10 - 110)
2,4,6-Tribromophenol	51	(22 - 120)

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**METHOD BLANK REPORT**

**GC/MS Semivolatiles**

**Client Lot #...:** A0B170444

**Work Order #...:** LVTFL1AA

**Matrix.....:** WATER

**NOTE(S):**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0B170444

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Percent Solids	ND	Work Order #: LVTQF1AA 10.0	%	MB Lot-Sample #: MCAWW 160.3 MOD	A0B180000-157 02/18-02/19/10	0049157
		Dilution Factor: 1				

**NOTE(S):**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVW3K1AC-LCS      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B190000-383      LVW3K1AD-LCSD  
 Prep Date.....: 02/19/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 1

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	RPD	RPD <u>LIMITS</u>	<u>METHOD</u>
n-Butylbenzene	96	(70 - 130)			SW846 8260B
	92	(70 - 130)	4.1	(0-30)	SW846 8260B
sec-Butylbenzene	103	(70 - 130)			SW846 8260B
	99	(70 - 130)	3.3	(0-30)	SW846 8260B
tert-Butylbenzene	105	(70 - 130)			SW846 8260B
	101	(70 - 130)	3.6	(0-30)	SW846 8260B
p-Isopropyltoluene	100	(70 - 130)			SW846 8260B
	96	(70 - 130)	4.1	(0-30)	SW846 8260B
Naphthalene	102	(70 - 130)			SW846 8260B
	109	(70 - 130)	6.8	(0-30)	SW846 8260B
n-Propylbenzene	106	(70 - 130)			SW846 8260B
	102	(70 - 130)	3.4	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	107	(70 - 130)			SW846 8260B
	103	(70 - 130)	4.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	107	(70 - 130)			SW846 8260B
	102	(70 - 130)	5.0	(0-30)	SW846 8260B
Acetone	107	(58 - 130)			SW846 8260B
	117	(58 - 130)	8.7	(0-30)	SW846 8260B
<b>Benzene</b>	<b>97</b>	<b>(75 - 129)</b>			<b>SW846 8260B</b>
	<b>95</b>	<b>(75 - 129)</b>	<b>1.9</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Bromodichloromethane	105	(72 - 125)			SW846 8260B
	106	(72 - 125)	0.37	(0-30)	SW846 8260B
Bromoform	88	(43 - 149)			SW846 8260B
	92	(43 - 149)	4.3	(0-30)	SW846 8260B
Bromomethane	91	(24 - 152)			SW846 8260B
	93	(24 - 152)	1.5	(0-30)	SW846 8260B
2-Butanone	101	(27 - 200)			SW846 8260B
	113	(27 - 200)	11	(0-46)	SW846 8260B
Carbon disulfide	97	(50 - 137)			SW846 8260B
	97	(50 - 137)	0.45	(0-30)	SW846 8260B
Carbon tetrachloride	106	(57 - 137)			SW846 8260B
	108	(57 - 137)	1.8	(0-30)	SW846 8260B
<b>Chlorobenzene</b>	<b>95</b>	<b>(75 - 127)</b>			<b>SW846 8260B</b>
	<b>94</b>	<b>(75 - 127)</b>	<b>1.3</b>	<b>(0-22)</b>	<b>SW846 8260B</b>
Chloroethane	87	(31 - 144)			SW846 8260B
	89	(31 - 144)	2.0	(0-30)	SW846 8260B
Chloroform	97	(73 - 115)			SW846 8260B
	95	(73 - 115)	1.6	(0-30)	SW846 8260B
Chloromethane	84	(15 - 136)			SW846 8260B
	82	(15 - 136)	2.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVW3K1AC-LCS      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B190000-383      LVW3K1AD-LCSD  
 Prep Date.....: 02/19/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 1

PARAMETER	SPIKE		MEASURED		PERCENT		METHOD
	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD		
n-Butylbenzene	50	48	ug/kg	96		SW846 8260B	
	50	46	ug/kg	92	4.1	SW846 8260B	
sec-Butylbenzene	50	51	ug/kg	103		SW846 8260B	
	50	50	ug/kg	99	3.3	SW846 8260B	
tert-Butylbenzene	50	53	ug/kg	105		SW846 8260B	
	50	51	ug/kg	101	3.6	SW846 8260B	
p-Isopropyltoluene	50	50	ug/kg	100		SW846 8260B	
	50	48	ug/kg	96	4.1	SW846 8260B	
Naphthalene	50	51	ug/kg	102		SW846 8260B	
	50	55	ug/kg	109	6.8	SW846 8260B	
n-Propylbenzene	50	53	ug/kg	106		SW846 8260B	
	50	51	ug/kg	102	3.4	SW846 8260B	
1,2,4-Trimethylbenzene	50	54	ug/kg	107		SW846 8260B	
	50	51	ug/kg	103	4.3	SW846 8260B	
1,3,5-Trimethylbenzene	50	53	ug/kg	107		SW846 8260B	
	50	51	ug/kg	102	5.0	SW846 8260B	
Acetone	50	53	ug/kg	107		SW846 8260B	
	50	58	ug/kg	117	8.7	SW846 8260B	
<b>Benzene</b>	<b>50</b>	<b>48</b>	<b>ug/kg</b>	<b>97</b>		<b>SW846 8260B</b>	
	<b>50</b>	<b>47</b>	<b>ug/kg</b>	<b>95</b>	<b>1.9</b>	<b>SW846 8260B</b>	
Bromodichloromethane	50	53	ug/kg	105		SW846 8260B	
	50	53	ug/kg	106	0.37	SW846 8260B	
Bromoform	50	44	ug/kg	88		SW846 8260B	
	50	46	ug/kg	92	4.3	SW846 8260B	
Bromomethane	50	46	ug/kg	91		SW846 8260B	
	50	46	ug/kg	93	1.5	SW846 8260B	
2-Butanone	50	51	ug/kg	101		SW846 8260B	
	50	56	ug/kg	113	11	SW846 8260B	
Carbon disulfide	50	48	ug/kg	97		SW846 8260B	
	50	49	ug/kg	97	0.45	SW846 8260B	
Carbon tetrachloride	50	53	ug/kg	106		SW846 8260B	
	50	54	ug/kg	108	1.8	SW846 8260B	
<b>Chlorobenzene</b>	<b>50</b>	<b>48</b>	<b>ug/kg</b>	<b>95</b>		<b>SW846 8260B</b>	
	<b>50</b>	<b>47</b>	<b>ug/kg</b>	<b>94</b>	<b>1.3</b>	<b>SW846 8260B</b>	
Chloroethane	50	44	ug/kg	87		SW846 8260B	
	50	45	ug/kg	89	2.0	SW846 8260B	
Chloroform	50	49	ug/kg	97		SW846 8260B	
	50	48	ug/kg	95	1.6	SW846 8260B	
Chloromethane	50	42	ug/kg	84		SW846 8260B	
	50	41	ug/kg	82	2.3	SW846 8260B	

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVW3K1AC-LCS      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B190000-383      LVW3K1AD-LCSD

PARAMETER	SPIKE	MEASURED	UNITS	PERCENT	RPD	METHOD
	AMOUNT	AMOUNT		RECOVERY		
Methylene chloride	50	42	ug/kg	84		SW846 8260B
	50	41	ug/kg	82	2.5	SW846 8260B
Methylcyclohexane	50	49	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	1.2	SW846 8260B
4-Methyl-2-pentanone	50	55	ug/kg	110		SW846 8260B
	50	62	ug/kg	123	12	SW846 8260B
Methyl tert-butyl ether	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	99	1.3	SW846 8260B
Styrene	50	51	ug/kg	101		SW846 8260B
	50	49	ug/kg	99	2.6	SW846 8260B
1,1,2,2-Tetrachloroethane	50	52	ug/kg	104		SW846 8260B
	50	55	ug/kg	109	4.5	SW846 8260B
Tetrachloroethene	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.80	SW846 8260B
<b>Toluene</b>	<b>50</b>	<b>49</b>	<b>ug/kg</b>	<b>98</b>		<b>SW846 8260B</b>
	<b>50</b>	<b>48</b>	<b>ug/kg</b>	<b>97</b>	<b>0.77</b>	<b>SW846 8260B</b>
1,2,4-Trichloro-benzene	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	99	0.81	SW846 8260B
1,1,1-Trichloroethane	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	102	1.8	SW846 8260B
1,1,2-Trichloroethane	50	54	ug/kg	108		SW846 8260B
	50	56	ug/kg	111	2.9	SW846 8260B
<b>Trichloroethene</b>	<b>50</b>	<b>51</b>	<b>ug/kg</b>	<b>101</b>		<b>SW846 8260B</b>
	<b>50</b>	<b>51</b>	<b>ug/kg</b>	<b>103</b>	<b>1.4</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	109	0.57	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	50	56	ug/kg	113		SW846 8260B
	50	58	ug/kg	115	2.4	SW846 8260B
Vinyl chloride	50	43	ug/kg	87		SW846 8260B
	50	43	ug/kg	86	0.45	SW846 8260B
Xylenes (total)	150	150	ug/kg	102		SW846 8260B
	150	150	ug/kg	99	3.0	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Dibromofluoromethane	88	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
	75	(61 - 130)
Toluene-d8	91	(60 - 143)
	96	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	91	(47 - 158)

(Continued on next page)



LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVXN41AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B220000-094      LVXN41AD-LCSD  
 Prep Date.....: 02/18/10      Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
n-Butylbenzene	107	(70 - 130)			SW846 8260B
	109	(70 - 130)	2.6	(0-30)	SW846 8260B
sec-Butylbenzene	101	(70 - 130)			SW846 8260B
	103	(70 - 130)	2.0	(0-30)	SW846 8260B
tert-Butylbenzene	97	(70 - 130)			SW846 8260B
	100	(70 - 130)	3.8	(0-30)	SW846 8260B
p-Isopropyltoluene	106	(70 - 130)			SW846 8260B
	108	(70 - 130)	1.9	(0-30)	SW846 8260B
Naphthalene	111	(70 - 130)			SW846 8260B
	116	(70 - 130)	4.0	(0-30)	SW846 8260B
n-Propylbenzene	102	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.0	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	101	(70 - 130)			SW846 8260B
	104	(70 - 130)	2.5	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	98	(70 - 130)			SW846 8260B
	101	(70 - 130)	3.0	(0-30)	SW846 8260B
Acetone	107	(22 - 200)			SW846 8260B
	108	(22 - 200)	1.0	(0-95)	SW846 8260B
<b>Benzene</b>	<b>107</b>	<b>(80 - 116)</b>			<b>SW846 8260B</b>
	<b>106</b>	<b>(80 - 116)</b>	<b>1.0</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Bromodichloromethane	100	(87 - 130)			SW846 8260B
	100	(87 - 130)	0.56	(0-30)	SW846 8260B
Bromoform	100	(76 - 150)			SW846 8260B
	100	(76 - 150)	0.37	(0-30)	SW846 8260B
Bromomethane	92	(64 - 129)			SW846 8260B
	90	(64 - 129)	2.3	(0-30)	SW846 8260B
2-Butanone	102	(28 - 237)			SW846 8260B
	101	(28 - 237)	1.2	(0-65)	SW846 8260B
Carbon disulfide	112	(73 - 139)			SW846 8260B
	109	(73 - 139)	2.7	(0-30)	SW846 8260B
Carbon tetrachloride	108	(75 - 149)			SW846 8260B
	107	(75 - 149)	1.1	(0-30)	SW846 8260B
<b>Chlorobenzene</b>	<b>100</b>	<b>(76 - 117)</b>			<b>SW846 8260B</b>
	<b>98</b>	<b>(76 - 117)</b>	<b>2.2</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Chloroethane	72	(66 - 126)			SW846 8260B
	71	(66 - 126)	2.3	(0-30)	SW846 8260B
Chloroform	105	(84 - 128)			SW846 8260B
	103	(84 - 128)	2.1	(0-30)	SW846 8260B
Chloromethane	105	(48 - 123)			SW846 8260B
	102	(48 - 123)	2.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVXN41AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B220000-094      LVXN41AD-LCSD  
 Prep Date.....: 02/18/10      Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1

PARAMETER	SPIKE	MEASURED	UNITS	PERCENT	RPD	METHOD
	AMOUNT	AMOUNT		RECOVERY		
n-Butylbenzene	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	109	2.6	SW846 8260B
sec-Butylbenzene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	103	2.0	SW846 8260B
tert-Butylbenzene	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	100	3.8	SW846 8260B
p-Isopropyltoluene	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	108	1.9	SW846 8260B
Naphthalene	10	11	ug/L	111		SW846 8260B
	10	12	ug/L	116	4.0	SW846 8260B
n-Propylbenzene	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	103	1.0	SW846 8260B
1,2,4-Trimethylbenzene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	104	2.5	SW846 8260B
1,3,5-Trimethylbenzene	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	101	3.0	SW846 8260B
Acetone	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	108	1.0	SW846 8260B
<b>Benzene</b>	<b>10</b>	<b>11</b>	<b>ug/L</b>	<b>107</b>		<b>SW846 8260B</b>
	<b>10</b>	<b>11</b>	<b>ug/L</b>	<b>106</b>	<b>1.0</b>	<b>SW846 8260B</b>
Bromodichloromethane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.56	SW846 8260B
Bromoform	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.37	SW846 8260B
Bromomethane	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.3	SW846 8260B
2-Butanone	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	101	1.2	SW846 8260B
Carbon disulfide	10	11	ug/L	112		SW846 8260B
	10	11	ug/L	109	2.7	SW846 8260B
Carbon tetrachloride	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	107	1.1	SW846 8260B
<b>Chlorobenzene</b>	<b>10</b>	<b>10</b>	<b>ug/L</b>	<b>100</b>		<b>SW846 8260B</b>
	<b>10</b>	<b>9.8</b>	<b>ug/L</b>	<b>98</b>	<b>2.2</b>	<b>SW846 8260B</b>
Chloroethane	10	7.2	ug/L	72		SW846 8260B
	10	7.1	ug/L	71	2.3	SW846 8260B
Chloroform	10	11	ug/L	105		SW846 8260B
	10	10	ug/L	103	2.1	SW846 8260B
Chloromethane	10	10	ug/L	105		SW846 8260B
	10	10	ug/L	102	2.3	SW846 8260B

(Continued on next page)

**LABORATORY CONTROL SAMPLE DATA REPORT**

**GC/MS Volatiles**

Client Lot #...: A0B170444      Work Order #...: LVXN41AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B220000-094      LVXN41AD-LCSD

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
Cyclohexane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	103	0.65	SW846 8260B
Dibromochloromethane	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.2	SW846 8260B
1,2-Dibromo-3-chloro- propane	10	9.9	ug/L	99		SW846 8260B
	10	11	ug/L	106	6.6	SW846 8260B
1,2-Dibromoethane	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	2.0	SW846 8260B
1,2-Dichlorobenzene	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	100	2.2	SW846 8260B
1,3-Dichlorobenzene	10	9.4	ug/L	94		SW846 8260B
	10	9.7	ug/L	97	2.5	SW846 8260B
1,4-Dichlorobenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.69	SW846 8260B
Dichlorodifluoromethane	10	8.2	ug/L	82		SW846 8260B
	10	8.6	ug/L	86	4.1	SW846 8260B
1,1-Dichloroethane	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	106	2.5	SW846 8260B
1,2-Dichloroethane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.47	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>10</b>	<b>12</b>	<b>ug/L</b>	<b>119</b>		<b>SW846 8260B</b>
	<b>10</b>	<b>12</b>	<b>ug/L</b>	<b>118</b>	<b>1.4</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	10	11	ug/L	106		SW846 8260B
	10	10	ug/L	104	1.5	SW846 8260B
trans-1,2-Dichloroethene	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	108	1.0	SW846 8260B
1,2-Dichloropropane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	103	0.90	SW846 8260B
cis-1,3-Dichloropropene	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	101	1.6	SW846 8260B
trans-1,3-Dichloropropene	10	9.5	ug/L	95		SW846 8260B
	10	9.7	ug/L	97	2.1	SW846 8260B
Ethylbenzene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	101	0.15	SW846 8260B
2-Hexanone	10	9.3	ug/L	93		SW846 8260B
	10	9.5	ug/L	95	1.8	SW846 8260B
Isopropylbenzene	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	103	0.92	SW846 8260B
Methyl acetate	10	8.8	ug/L	88		SW846 8260B
	10	9.1	ug/L	91	2.9	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LV1WP1AC-LCS      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B240000-147      LV1WP1AD-LCSD  
 Prep Date.....: 02/23/10      Analysis Date...: 02/23/10  
 Prep Batch #...: 0055147  
 Dilution Factor: 1

<u>PARAMETER</u>	PERCENT	RECOVERY	RPD		<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	
Acetone	68	(58 - 130)			SW846 8260B
	65	(58 - 130)	3.9	(0-30)	SW846 8260B
<b>Benzene</b>	<b>90</b>	<b>(75 - 129)</b>			<b>SW846 8260B</b>
	<b>92</b>	<b>(75 - 129)</b>	<b>1.5</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Bromodichloromethane	82	(72 - 125)			SW846 8260B
	86	(72 - 125)	5.5	(0-30)	SW846 8260B
Bromoform	73	(43 - 149)			SW846 8260B
	77	(43 - 149)	4.8	(0-30)	SW846 8260B
Bromomethane	29	(24 - 152)			SW846 8260B
	29	(24 - 152)	1.1	(0-30)	SW846 8260B
2-Butanone	90	(27 - 200)			SW846 8260B
	89	(27 - 200)	1.3	(0-46)	SW846 8260B
n-Butylbenzene	97	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.7	(0-30)	SW846 8260B
sec-Butylbenzene	100	(70 - 130)			SW846 8260B
	100	(70 - 130)	0.020	(0-30)	SW846 8260B
tert-Butylbenzene	100	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.3	(0-30)	SW846 8260B
Carbon disulfide	64	(50 - 137)			SW846 8260B
	66	(50 - 137)	1.7	(0-30)	SW846 8260B
Carbon tetrachloride	98	(57 - 137)			SW846 8260B
	98	(57 - 137)	0.44	(0-30)	SW846 8260B
<b>Chlorobenzene</b>	<b>93</b>	<b>(75 - 127)</b>			<b>SW846 8260B</b>
	<b>94</b>	<b>(75 - 127)</b>	<b>1.4</b>	<b>(0-22)</b>	<b>SW846 8260B</b>
Dibromochloromethane	80	(49 - 135)			SW846 8260B
	81	(49 - 135)	1.6	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro- propane	72	(50 - 150)			SW846 8260B
	77	(50 - 150)	6.8	(0-30)	SW846 8260B
Chloroethane	28 a	(31 - 144)			SW846 8260B
	24 a	(31 - 144)	15	(0-30)	SW846 8260B
Chloroform	86	(73 - 115)			SW846 8260B
	87	(73 - 115)	1.4	(0-30)	SW846 8260B
Chloromethane	74	(15 - 136)			SW846 8260B
	76	(15 - 136)	2.3	(0-30)	SW846 8260B
Cyclohexane	86	(50 - 150)			SW846 8260B
	84	(50 - 150)	2.2	(0-20)	SW846 8260B
1,2-Dibromoethane	89	(50 - 150)			SW846 8260B
	94	(50 - 150)	5.7	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LV1WP1AC-LCS      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B240000-147      LV1WP1AD-LCSD  
 Prep Date.....: 02/23/10      Analysis Date..: 02/23/10  
 Prep Batch #...: 0055147  
 Dilution Factor: 1

PARAMETER	SPIKE	MEASURED		PERCENT		METHOD
	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD	
Acetone	1000	680	ug/kg	68		SW846 8260B
	1000	650	ug/kg	65	3.9	SW846 8260B
<b>Benzene</b>	<b>1000</b>	<b>900</b>	<b>ug/kg</b>	<b>90</b>		<b>SW846 8260B</b>
	<b>1000</b>	<b>920</b>	<b>ug/kg</b>	<b>92</b>	<b>1.5</b>	<b>SW846 8260B</b>
Bromodichloromethane	1000	820	ug/kg	82		SW846 8260B
	1000	860	ug/kg	86	5.5	SW846 8260B
Bromoform	1000	730	ug/kg	73		SW846 8260B
	1000	770	ug/kg	77	4.8	SW846 8260B
Bromomethane	1000	290	ug/kg	29		SW846 8260B
	1000	290	ug/kg	29	1.1	SW846 8260B
2-Butanone	1000	900	ug/kg	90		SW846 8260B
	1000	890	ug/kg	89	1.3	SW846 8260B
n-Butylbenzene	1000	970	ug/kg	97		SW846 8260B
	1000	950	ug/kg	95	1.7	SW846 8260B
sec-Butylbenzene	1000	1000	ug/kg	100		SW846 8260B
	1000	1000	ug/kg	100	0.020	SW846 8260B
tert-Butylbenzene	1000	1000	ug/kg	100		SW846 8260B
	1000	1000	ug/kg	102	2.3	SW846 8260B
Carbon disulfide	1000	640	ug/kg	64		SW846 8260B
	1000	660	ug/kg	66	1.7	SW846 8260B
Carbon tetrachloride	1000	980	ug/kg	98		SW846 8260B
	1000	980	ug/kg	98	0.44	SW846 8260B
<b>Chlorobenzene</b>	<b>1000</b>	<b>930</b>	<b>ug/kg</b>	<b>93</b>		<b>SW846 8260B</b>
	<b>1000</b>	<b>940</b>	<b>ug/kg</b>	<b>94</b>	<b>1.4</b>	<b>SW846 8260B</b>
Dibromochloromethane	1000	800	ug/kg	80		SW846 8260B
	1000	810	ug/kg	81	1.6	SW846 8260B
1,2-Dibromo-3-chloro- propane	1000	720	ug/kg	72		SW846 8260B
	1000	770	ug/kg	77	6.8	SW846 8260B
Chloroethane	1000	280 a	ug/kg	28		SW846 8260B
	1000	240 a	ug/kg	24	15	SW846 8260B
Chloroform	1000	860	ug/kg	86		SW846 8260B
	1000	870	ug/kg	87	1.4	SW846 8260B
Chloromethane	1000	740	ug/kg	74		SW846 8260B
	1000	760	ug/kg	76	2.3	SW846 8260B
Cyclohexane	1000	860	ug/kg	86		SW846 8260B
	1000	840	ug/kg	84	2.2	SW846 8260B
1,2-Dibromoethane	1000	890	ug/kg	89		SW846 8260B
	1000	940	ug/kg	94	5.7	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFK1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B180000-030  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
<b>Acenaphthene</b>	<b>71</b>	<b>(46 - 110)</b>	<b>SW846 8270C</b>
Acenaphthylene	72	(47 - 110)	SW846 8270C
Acetophenone	69	(50 - 130)	SW846 8270C
Anthracene	77	(56 - 111)	SW846 8270C
Atrazine	133 a	(50 - 130)	SW846 8270C
Benzo(a)anthracene	74	(58 - 111)	SW846 8270C
Benzo(a)pyrene	70	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	72	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	84	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	85	(38 - 122)	SW846 8270C
Benzaldehyde	77	(10 - 130)	SW846 8270C
1,1'-Biphenyl	74	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	71	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	69	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	85	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	79	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	84	(57 - 121)	SW846 8270C
Caprolactam	87	(50 - 130)	SW846 8270C
Carbazole	80	(56 - 115)	SW846 8270C
4-Chloroaniline	40	(25 - 110)	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>79</b>	<b>(42 - 110)</b>	<b>SW846 8270C</b>
2-Chloronaphthalene	69	(46 - 110)	SW846 8270C
<b>2-Chlorophenol</b>	<b>71</b>	<b>(39 - 110)</b>	<b>SW846 8270C</b>
4-Chlorophenyl phenyl ether	77	(53 - 110)	SW846 8270C
Chrysene	79	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	83	(45 - 122)	SW846 8270C
Dibenzofuran	72	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	49	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	73	(40 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFK1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B180000-030

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
Diethyl phthalate	80	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	69	(28 - 110)	SW846 8270C
Dimethyl phthalate	78	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	82	(57 - 119)	SW846 8270C
4,6-Dinitro- 2-methylphenol	65	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	24	(10 - 110)	SW846 8270C
<b>2,4-Dinitrotoluene</b>	<b>82</b>	<b>(55 - 116)</b>	<b>SW846 8270C</b>
2,6-Dinitrotoluene	81	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	84	(45 - 123)	SW846 8270C
Fluoranthene	82	(55 - 118)	SW846 8270C
Fluorene	72	(51 - 110)	SW846 8270C
Hexachlorobenzene	76	(51 - 110)	SW846 8270C
Hexachlorobutadiene	66	(39 - 110)	SW846 8270C
Hexachlorocyclopenta- diene	64	(10 - 110)	SW846 8270C
Hexachloroethane	64	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	(45 - 121)	SW846 8270C
Isophorone	70	(46 - 117)	SW846 8270C
2-Methylnaphthalene	82	(46 - 110)	SW846 8270C
2-Methylphenol	71	(36 - 110)	SW846 8270C
4-Methylphenol	72	(40 - 110)	SW846 8270C
Naphthalene	68	(42 - 110)	SW846 8270C
2-Nitroaniline	80	(47 - 124)	SW846 8270C
3-Nitroaniline	68	(44 - 110)	SW846 8270C
4-Nitroaniline	81	(50 - 110)	SW846 8270C
Nitrobenzene	71	(40 - 110)	SW846 8270C
2-Nitrophenol	72	(35 - 110)	SW846 8270C
<b>4-Nitrophenol</b>	<b>70</b>	<b>(24 - 117)</b>	<b>SW846 8270C</b>
<b>N-Nitrosodi-n-propyl- amine</b>	<b>74</b>	<b>(40 - 114)</b>	<b>SW846 8270C</b>
N-Nitrosodiphenylamine	79	(54 - 112)	SW846 8270C
bis(2-Chloroisopropyl) ether	72	(36 - 116)	SW846 8270C
<b>Pentachlorophenol</b>	<b>45</b>	<b>(10 - 110)</b>	<b>SW846 8270C</b>
Phenanthrene	76	(54 - 110)	SW846 8270C
<b>Phenol</b>	<b>74</b>	<b>(39 - 110)</b>	<b>SW846 8270C</b>

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFK1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B180000-030

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
<b>Pyrene</b>	<b>78</b>	<b>(58 - 113)</b>	<b>SW846 8270C</b>
2,4,5-Trichloro-phenol	79	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	72	(37 - 110)	SW846 8270C

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFK1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B180000-030  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
<b>Acenaphthene</b>	<b>670</b>	<b>470</b>	<b>ug/kg</b>	<b>71</b>	<b>SW846 8270C</b>
Acenaphthylene	670	480	ug/kg	72	SW846 8270C
Acetophenone	670	460	ug/kg	69	SW846 8270C
Anthracene	670	510	ug/kg	77	SW846 8270C
Atrazine	670	890 a	ug/kg	133	SW846 8270C
Benzo(a)anthracene	670	500	ug/kg	74	SW846 8270C
Benzo(a)pyrene	670	470	ug/kg	70	SW846 8270C
Benzo(b)fluoranthene	670	480	ug/kg	72	SW846 8270C
Benzo(ghi)perylene	670	560	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	670	560	ug/kg	85	SW846 8270C
Benzaldehyde	670	510	ug/kg	77	SW846 8270C
1,1'-Biphenyl	670	490	ug/kg	74	SW846 8270C
bis(2-Chloroethoxy) methane	670	470	ug/kg	71	SW846 8270C
bis(2-Chloroethyl)- ether	670	460	ug/kg	69	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	570	ug/kg	85	SW846 8270C
4-Bromophenyl phenyl ether	670	530	ug/kg	79	SW846 8270C
Butyl benzyl phthalate	670	560	ug/kg	84	SW846 8270C
Caprolactam	670	580	ug/kg	87	SW846 8270C
Carbazole	670	530	ug/kg	80	SW846 8270C
4-Chloroaniline	670	270	ug/kg	40	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>670</b>	<b>530</b>	<b>ug/kg</b>	<b>79</b>	<b>SW846 8270C</b>
2-Chloronaphthalene	670	460	ug/kg	69	SW846 8270C
<b>2-Chlorophenol</b>	<b>670</b>	<b>470</b>	<b>ug/kg</b>	<b>71</b>	<b>SW846 8270C</b>
4-Chlorophenyl phenyl ether	670	510	ug/kg	77	SW846 8270C
Chrysene	670	530	ug/kg	79	SW846 8270C
Dibenz(a,h)anthracene	670	550	ug/kg	83	SW846 8270C
Dibenzofuran	670	480	ug/kg	72	SW846 8270C
3,3'-Dichlorobenzidine	670	330	ug/kg	49	SW846 8270C
2,4-Dichlorophenol	670	490	ug/kg	73	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444  
 LCS Lot-Sample#: A0B180000-030

Work Order #...: LVTFK1AC

Matrix.....: SOLID

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Diethyl phthalate	670	530	ug/kg	80	SW846 8270C
2,4-Dimethylphenol	670	460	ug/kg	69	SW846 8270C
Dimethyl phthalate	670	520	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	670	550	ug/kg	82	SW846 8270C
4,6-Dinitro- 2-methylphenol	670	430	ug/kg	65	SW846 8270C
2,4-Dinitrophenol	670	160	ug/kg	24	SW846 8270C
<b>2,4-Dinitrotoluene</b>	<b>670</b>	<b>550</b>	<b>ug/kg</b>	<b>82</b>	<b>SW846 8270C</b>
2,6-Dinitrotoluene	670	540	ug/kg	81	SW846 8270C
Di-n-octyl phthalate	670	560	ug/kg	84	SW846 8270C
Fluoranthene	670	550	ug/kg	82	SW846 8270C
Fluorene	670	480	ug/kg	72	SW846 8270C
Hexachlorobenzene	670	510	ug/kg	76	SW846 8270C
Hexachlorobutadiene	670	440	ug/kg	66	SW846 8270C
Hexachlorocyclopenta- diene	670	430	ug/kg	64	SW846 8270C
Hexachloroethane	670	430	ug/kg	64	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	540	ug/kg	81	SW846 8270C
Isophorone	670	470	ug/kg	70	SW846 8270C
2-Methylnaphthalene	670	550	ug/kg	82	SW846 8270C
2-Methylphenol	670	470	ug/kg	71	SW846 8270C
4-Methylphenol	1300	960	ug/kg	72	SW846 8270C
Naphthalene	670	450	ug/kg	68	SW846 8270C
2-Nitroaniline	670	530	ug/kg	80	SW846 8270C
3-Nitroaniline	670	450	ug/kg	68	SW846 8270C
4-Nitroaniline	670	540	ug/kg	81	SW846 8270C
Nitrobenzene	670	470	ug/kg	71	SW846 8270C
2-Nitrophenol	670	480	ug/kg	72	SW846 8270C
<b>4-Nitrophenol</b>	<b>670</b>	<b>470</b>	<b>ug/kg</b>	<b>70</b>	<b>SW846 8270C</b>
<b>N-Nitrosodi-n-propyl- amine</b>	<b>670</b>	<b>490</b>	<b>ug/kg</b>	<b>74</b>	<b>SW846 8270C</b>
N-Nitrosodiphenylamine	670	530	ug/kg	79	SW846 8270C
bis(2-Chloroisopropyl) ether	670	480	ug/kg	72	SW846 8270C
<b>Pentachlorophenol</b>	<b>670</b>	<b>300</b>	<b>ug/kg</b>	<b>45</b>	<b>SW846 8270C</b>
Phenanthrene	670	510	ug/kg	76	SW846 8270C
<b>Phenol</b>	<b>670</b>	<b>490</b>	<b>ug/kg</b>	<b>74</b>	<b>SW846 8270C</b>

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFK1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: A0B180000-030

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
<b>Pyrene</b>	<b>670</b>	<b>520</b>	<b>ug/kg</b>	<b>78</b>	<b>SW846 8270C</b>
2,4,5-Trichloro-phenol	670	530	ug/kg	79	SW846 8270C
2,4,6-Trichloro-phenol	670	480	ug/kg	72	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFL1AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B180000-031      LVTFL1AD-LCSD  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049031  
 Dilution Factor: 1

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	RPD	RPD <u>LIMITS</u>	<u>METHOD</u>
<b>Acenaphthene</b>	<b>67</b>	<b>(40 - 110)</b>			<b>SW846 8270C</b>
	<b>76</b>	<b>(40 - 110)</b>	<b>13</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
Acenaphthylene	67	(43 - 110)			SW846 8270C
	76	(43 - 110)	13	(0-30)	SW846 8270C
Acetophenone	68	(50 - 130)			SW846 8270C
	76	(50 - 130)	10	(0-30)	SW846 8270C
Anthracene	65	(54 - 114)			SW846 8270C
	75	(54 - 114)	13	(0-30)	SW846 8270C
Atrazine	110	(50 - 130)			SW846 8270C
	119	(50 - 130)	8.4	(0-30)	SW846 8270C
Benzo(a)anthracene	64	(55 - 115)			SW846 8270C
	69	(55 - 115)	7.2	(0-30)	SW846 8270C
Benzo(a)pyrene	59	(43 - 116)			SW846 8270C
	67	(43 - 116)	12	(0-30)	SW846 8270C
Benzo(b)fluoranthene	63	(43 - 122)			SW846 8270C
	71	(43 - 122)	13	(0-30)	SW846 8270C
Benzo(ghi)perylene	67	(45 - 120)			SW846 8270C
	76	(45 - 120)	12	(0-30)	SW846 8270C
Benzo(k)fluoranthene	68	(43 - 124)			SW846 8270C
	75	(43 - 124)	9.5	(0-30)	SW846 8270C
Benzaldehyde	70	(10 - 130)			SW846 8270C
	77	(10 - 130)	8.9	(0-30)	SW846 8270C
1,1'-Biphenyl	68	(50 - 130)			SW846 8270C
	75	(50 - 130)	9.2	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	68	(39 - 110)			SW846 8270C
	76	(39 - 110)	12	(0-30)	SW846 8270C
bis(2-Chloroethyl)- ether	66	(34 - 113)			SW846 8270C
	74	(34 - 113)	11	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	61	(36 - 163)			SW846 8270C
	67	(36 - 163)	9.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	69	(51 - 114)			SW846 8270C
	77	(51 - 114)	11	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFL1AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B180000-031      LVTFL1AD-LCSD

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
2,4-Dinitrotoluene	68	(52 - 123)			SW846 8270C
	77	(52 - 123)	12	(0-30)	SW846 8270C
2,6-Dinitrotoluene	69	(52 - 119)			SW846 8270C
	78	(52 - 119)	12	(0-30)	SW846 8270C
Di-n-octyl phthalate	60	(44 - 128)			SW846 8270C
	67	(44 - 128)	11	(0-30)	SW846 8270C
Fluoranthene	69	(54 - 122)			SW846 8270C
	78	(54 - 122)	13	(0-30)	SW846 8270C
Fluorene	67	(47 - 112)			SW846 8270C
	75	(47 - 112)	12	(0-30)	SW846 8270C
Hexachlorobenzene	68	(51 - 112)			SW846 8270C
	76	(51 - 112)	11	(0-30)	SW846 8270C
Hexachlorobutadiene	50	(13 - 110)			SW846 8270C
	57	(13 - 110)	14	(0-30)	SW846 8270C
Hexachlorocyclopenta- diene	50	(10 - 110)			SW846 8270C
	55	(10 - 110)	9.0	(0-30)	SW846 8270C
Hexachloroethane	45	(12 - 110)			SW846 8270C
	52	(12 - 110)	13	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	68	(46 - 121)			SW846 8270C
	76	(46 - 121)	11	(0-30)	SW846 8270C
Isophorone	66	(44 - 128)			SW846 8270C
	75	(44 - 128)	13	(0-30)	SW846 8270C
2-Methylnaphthalene	74	(35 - 110)			SW846 8270C
	86	(35 - 110)	14	(0-30)	SW846 8270C
2-Methylphenol	64	(30 - 110)			SW846 8270C
	72	(30 - 110)	11	(0-30)	SW846 8270C
4-Methylphenol	63	(32 - 110)			SW846 8270C
	70	(32 - 110)	9.2	(0-30)	SW846 8270C
Naphthalene	61	(31 - 110)			SW846 8270C
	69	(31 - 110)	12	(0-30)	SW846 8270C
2-Nitroaniline	67	(43 - 130)			SW846 8270C
	76	(43 - 130)	14	(0-30)	SW846 8270C
3-Nitroaniline	69	(45 - 116)			SW846 8270C
	78	(45 - 116)	12	(0-30)	SW846 8270C
4-Nitroaniline	70	(45 - 120)			SW846 8270C
	78	(45 - 120)	12	(0-30)	SW846 8270C
Nitrobenzene	66	(37 - 115)			SW846 8270C
	74	(37 - 115)	12	(0-30)	SW846 8270C
2-Nitrophenol	68	(29 - 110)			SW846 8270C
	77	(29 - 110)	13	(0-30)	SW846 8270C

(Continued on next page)





LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFL1AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B180000-031      LVTFL1AD-LCSD  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049031  
 Dilution Factor: 1

PARAMETER	SPIKE		MEASURED		PERCENT		METHOD
	AMOUNT	AMOUNT	UNITS	RECOVERY	RPD		
<b>Acenaphthene</b>	<b>20</b>	<b>13</b>	<b>ug/L</b>	<b>67</b>			<b>SW846 8270C</b>
	<b>20</b>	<b>15</b>	<b>ug/L</b>	<b>76</b>	<b>13</b>		<b>SW846 8270C</b>
Acenaphthylene	20	13	ug/L	67			SW846 8270C
	20	15	ug/L	76	13		SW846 8270C
Acetophenone	20	14	ug/L	68			SW846 8270C
	20	15	ug/L	76	10		SW846 8270C
Anthracene	20	13	ug/L	65			SW846 8270C
	20	15	ug/L	75	13		SW846 8270C
Atrazine	20	22	ug/L	110			SW846 8270C
	20	24	ug/L	119	8.4		SW846 8270C
Benzo(a)anthracene	20	13	ug/L	64			SW846 8270C
	20	14	ug/L	69	7.2		SW846 8270C
Benzo(a)pyrene	20	12	ug/L	59			SW846 8270C
	20	13	ug/L	67	12		SW846 8270C
Benzo(b)fluoranthene	20	13	ug/L	63			SW846 8270C
	20	14	ug/L	71	13		SW846 8270C
Benzo(ghi)perylene	20	13	ug/L	67			SW846 8270C
	20	15	ug/L	76	12		SW846 8270C
Benzo(k)fluoranthene	20	14	ug/L	68			SW846 8270C
	20	15	ug/L	75	9.5		SW846 8270C
Benzaldehyde	20	14	ug/L	70			SW846 8270C
	20	15	ug/L	77	8.9		SW846 8270C
1,1'-Biphenyl	20	14	ug/L	68			SW846 8270C
	20	15	ug/L	75	9.2		SW846 8270C
bis(2-Chloroethoxy) methane	20	14	ug/L	68			SW846 8270C
	20	15	ug/L	76	12		SW846 8270C
bis(2-Chloroethyl)- ether	20	13	ug/L	66			SW846 8270C
	20	15	ug/L	74	11		SW846 8270C
bis(2-Ethylhexyl) phthalate	20	12	ug/L	61			SW846 8270C
	20	13	ug/L	67	9.0		SW846 8270C
4-Bromophenyl phenyl ether	20	14	ug/L	69			SW846 8270C
	20	15	ug/L	77	11		SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVTFL1AC-LCS      Matrix.....: WATER  
 LCS Lot-Sample#: A0B180000-031      LVTFL1AD-LCSD

PARAMETER	SPIKE	MEASURED	UNITS	PERCENT	RPD	METHOD
	AMOUNT	AMOUNT		RECOVERY		
Butyl benzyl phthalate	20	12	ug/L	62		SW846 8270C
	20	14	ug/L	70	11	SW846 8270C
Caprolactam	20	4.0 a	ug/L	20		SW846 8270C
	20	4.2 a	ug/L	21	5.4	SW846 8270C
Carbazole	20	13	ug/L	66		SW846 8270C
	20	15	ug/L	76	14	SW846 8270C
4-Chloroaniline	20	12	ug/L	61		SW846 8270C
	20	13	ug/L	67	9.7	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>20</b>	<b>13</b>	<b>ug/L</b>	<b>64</b>		<b>SW846 8270C</b>
	<b>20</b>	<b>15</b>	<b>ug/L</b>	<b>74</b>	<b>14</b>	<b>SW846 8270C</b>
	20	13	ug/L	64		SW846 8270C
2-Chloronaphthalene	20	13	ug/L	64		SW846 8270C
	20	15	ug/L	74	14	SW846 8270C
<b>2-Chlorophenol</b>	<b>20</b>	<b>13</b>	<b>ug/L</b>	<b>66</b>		<b>SW846 8270C</b>
	<b>20</b>	<b>15</b>	<b>ug/L</b>	<b>75</b>	<b>13</b>	<b>SW846 8270C</b>
4-Chlorophenyl phenyl ether	20	13	ug/L	67		SW846 8270C
	20	15	ug/L	75	12	SW846 8270C
Chrysene	20	12	ug/L	62		SW846 8270C
	20	14	ug/L	71	14	SW846 8270C
Dibenz(a,h)anthracene	20	14	ug/L	68		SW846 8270C
	20	15	ug/L	77	12	SW846 8270C
Dibenzofuran	20	13	ug/L	66		SW846 8270C
	20	15	ug/L	76	14	SW846 8270C
3,3'-Dichlorobenzidine	20	12	ug/L	59		SW846 8270C
	20	13	ug/L	64	8.4	SW846 8270C
2,4-Dichlorophenol	20	14	ug/L	68		SW846 8270C
	20	15	ug/L	77	12	SW846 8270C
Diethyl phthalate	20	13	ug/L	65		SW846 8270C
	20	15	ug/L	73	13	SW846 8270C
2,4-Dimethylphenol	20	13	ug/L	63		SW846 8270C
	20	14	ug/L	69	8.9	SW846 8270C
Dimethyl phthalate	20	13	ug/L	67		SW846 8270C
	20	15	ug/L	76	13	SW846 8270C
Di-n-butyl phthalate	20	13	ug/L	64		SW846 8270C
	20	15	ug/L	73	13	SW846 8270C
4,6-Dinitro-2-methylphenol	20	13	ug/L	64		SW846 8270C
	20	14	ug/L	69	8.1	SW846 8270C
2,4-Dinitrophenol	20	8.4	ug/L	42		SW846 8270C
	20	9.4	ug/L	47	11	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD  
 Date Sampled...: 02/16/10 14:00      Date Received...: 02/17/10  
 Prep Date.....: 02/20/10      Analysis Date...: 02/20/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 0.8      % Moisture.....: 13

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
n-Butylbenzene	95	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.6	(0-30)	SW846 8260B
sec-Butylbenzene	108	(70 - 130)			SW846 8260B
	94	(70 - 130)	8.0	(0-30)	SW846 8260B
tert-Butylbenzene	116	(70 - 130)			SW846 8260B
	96	(70 - 130)	12	(0-30)	SW846 8260B
p-Isopropyltoluene	105	(70 - 130)			SW846 8260B
	92	(70 - 130)	6.5	(0-30)	SW846 8260B
Naphthalene	80	(70 - 130)			SW846 8260B
	87	(70 - 130)	15	(0-30)	SW846 8260B
n-Propylbenzene	122	(70 - 130)			SW846 8260B
	100	(70 - 130)	13	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	117	(70 - 130)			SW846 8260B
	98	(70 - 130)	11	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	117	(70 - 130)			SW846 8260B
	97	(70 - 130)	12	(0-30)	SW846 8260B
Acetone	97	(10 - 200)			SW846 8260B
	93	(10 - 200)	2.0	(0-66)	SW846 8260B
<b>Benzene</b>	<b>96</b>	<b>(55 - 138)</b>			<b>SW846 8260B</b>
	<b>87</b>	<b>(55 - 138)</b>	<b>3.0</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Bromodichloromethane	102	(47 - 131)			SW846 8260B
	94	(47 - 131)	0.91	(0-51)	SW846 8260B
Bromoform	83	(26 - 141)			SW846 8260B
	80	(26 - 141)	2.5	(0-64)	SW846 8260B
Bromomethane	90	(15 - 152)			SW846 8260B
	75	(15 - 152)	12	(0-72)	SW846 8260B
2-Butanone	111	(21 - 195)			SW846 8260B
	107	(21 - 195)	3.1	(0-60)	SW846 8260B
Carbon disulfide	96	(27 - 149)			SW846 8260B
	84	(27 - 149)	7.1	(0-73)	SW846 8260B
Carbon tetrachloride	108	(32 - 143)			SW846 8260B
	95	(32 - 143)	6.1	(0-68)	SW846 8260B
<b>Chlorobenzene</b>	<b>95</b>	<b>(49 - 139)</b>			<b>SW846 8260B</b>
	<b>85</b>	<b>(49 - 139)</b>	<b>4.4</b>	<b>(0-22)</b>	<b>SW846 8260B</b>
Chloroethane	89	(32 - 140)			SW846 8260B
	74	(32 - 140)	13	(0-66)	SW846 8260B
Chloroform	94	(59 - 128)			SW846 8260B
	86	(59 - 128)	1.4	(0-46)	SW846 8260B
Chloromethane	83	(28 - 130)			SW846 8260B
	70	(28 - 130)	11	(0-81)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Cyclohexane	90	(50 - 150)			SW846 8260B
	81	(50 - 150)	3.8	(0-20)	SW846 8260B
Dibromochloromethane	102	(44 - 135)			SW846 8260B
	94	(44 - 135)	1.4	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro- propane	97	(50 - 150)			SW846 8260B
	89	(50 - 150)	1.4	(0-20)	SW846 8260B
1,2-Dibromoethane	108	(50 - 150)			SW846 8260B
	101	(50 - 150)	0.57	(0-20)	SW846 8260B
1,2-Dichlorobenzene	93	(50 - 150)			SW846 8260B
	84	(50 - 150)	3.9	(0-20)	SW846 8260B
1,3-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	86	(50 - 150)	6.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	86	(50 - 150)	6.9	(0-20)	SW846 8260B
Dichlorodifluoromethane	73	(50 - 150)			SW846 8260B
	61	(50 - 150)	12	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(56 - 130)			SW846 8260B
	89	(56 - 130)	4.2	(0-54)	SW846 8260B
1,2-Dichloroethane	99	(56 - 126)			SW846 8260B
	94	(56 - 126)	1.6	(0-38)	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>106</b>	<b>(43 - 147)</b>			<b>SW846 8260B</b>
	<b>92</b>	<b>(43 - 147)</b>	<b>7.4</b>	<b>(0-27)</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	95	(48 - 127)			SW846 8260B
	87	(48 - 127)	2.6	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	98	(47 - 127)			SW846 8260B
	88	(47 - 127)	4.4	(0-58)	SW846 8260B
1,2-Dichloropropane	102	(54 - 125)			SW846 8260B
	96	(54 - 125)	0.52	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	101	(30 - 138)			SW846 8260B
	97	(30 - 138)	3.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	107	(34 - 134)			SW846 8260B
	98	(34 - 134)	2.8	(0-57)	SW846 8260B
Ethylbenzene	104	(36 - 133)			SW846 8260B
	93	(36 - 133)	3.8	(0-72)	SW846 8260B
2-Hexanone	132	(20 - 190)			SW846 8260B
	124	(20 - 190)	0.04	(0-70)	SW846 8260B
Isopropylbenzene	98	(50 - 150)			SW846 8260B
	90	(50 - 150)	2.0	(0-20)	SW846 8260B
Methyl acetate	101	(50 - 150)			SW846 8260B
	98	(50 - 150)	3.2	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Methylene chloride	84	(45 - 129)			SW846 8260B
	74	(45 - 129)	5.5	(0-49)	SW846 8260B
Methylcyclohexane	94	(50 - 150)			SW846 8260B
	88	(50 - 150)	0.14	(0-20)	SW846 8260B
4-Methyl-2-pentanone	116	(42 - 143)			SW846 8260B
	118	(42 - 143)	8.0	(0-60)	SW846 8260B
Methyl tert-butyl ether	94	(70 - 130)			SW846 8260B
	89	(70 - 130)	1.5	(0-30)	SW846 8260B
Styrene	96	(23 - 136)			SW846 8260B
	87	(23 - 136)	2.8	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	117	(33 - 162)			SW846 8260B
	99	(33 - 162)	11	(0-90)	SW846 8260B
Tetrachloroethene	113	(31 - 137)			SW846 8260B
	100	(31 - 137)	5.0	(0-81)	SW846 8260B
<b>Toluene</b>	<b>102</b>	<b>(46 - 147)</b>			<b>SW846 8260B</b>
	<b>90</b>	<b>(46 - 147)</b>	<b>6.3</b>	<b>(0-24)</b>	<b>SW846 8260B</b>
1,2,4-Trichloro- benzene	71	(50 - 150)			SW846 8260B
	81	(50 - 150)	19	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(48 - 132)			SW846 8260B
	88	(48 - 132)	5.2	(0-57)	SW846 8260B
1,1,2-Trichloroethane	110	(58 - 128)			SW846 8260B
	101	(58 - 128)	1.7	(0-52)	SW846 8260B
<b>Trichloroethene</b>	<b>105</b>	<b>(46 - 143)</b>			<b>SW846 8260B</b>
	<b>97</b>	<b>(46 - 143)</b>	<b>1.1</b>	<b>(0-23)</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	109	(50 - 150)			SW846 8260B
	94	(50 - 150)	8.7	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	117	(50 - 150)			SW846 8260B
	100	(50 - 150)	9.6	(0-20)	SW846 8260B
Vinyl chloride	86	(30 - 136)			SW846 8260B
	74	(30 - 136)	7.5	(0-80)	SW846 8260B
Xylenes (total)	102	(33 - 135)			SW846 8260B
	92	(33 - 135)	3.0	(0-78)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	81	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	75	(61 - 130)
	79	(61 - 130)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
MS Lot-Sample #: A0B170435-002

Work Order #...: LVREQ1AD-MS  
LVREQ1AE-MSD

Matrix.....: SOLID

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	90	(60 - 143)
	93	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)
	89	(47 - 158)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD  
 Date Sampled...: 02/16/10 14:00      Date Received...: 02/17/10  
 Prep Date.....: 02/20/10      Analysis Date...: 02/20/10  
 Prep Batch #...: 0050383  
 Dilution Factor: 0.8      % Moisture.....: 13

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
n-Butylbenzene	ND	46	43	ug/kg	95		SW846 8260B
	ND	49	43	ug/kg	87	1.6	SW846 8260B
sec-Butylbenzene	ND	46	50	ug/kg	108		SW846 8260B
	ND	49	46	ug/kg	94	8.0	SW846 8260B
tert-Butylbenzene	ND	46	53	ug/kg	116		SW846 8260B
	ND	49	47	ug/kg	96	12	SW846 8260B
p-Isopropyltoluene	ND	46	48	ug/kg	105		SW846 8260B
	ND	49	45	ug/kg	92	6.5	SW846 8260B
Naphthalene	ND	46	37	ug/kg	80		SW846 8260B
	ND	49	43	ug/kg	87	15	SW846 8260B
n-Propylbenzene	ND	46	56	ug/kg	122		SW846 8260B
	ND	49	49	ug/kg	100	13	SW846 8260B
1,2,4-Trimethylbenzene	ND	46	54	ug/kg	117		SW846 8260B
	ND	49	48	ug/kg	98	11	SW846 8260B
1,3,5-Trimethylbenzene	ND	46	53	ug/kg	117		SW846 8260B
	ND	49	48	ug/kg	97	12	SW846 8260B
Acetone	ND	46	44	ug/kg	97		SW846 8260B
	ND	49	45	ug/kg	93	2.0	SW846 8260B
<b>Benzene</b>	<b>ND</b>	<b>46</b>	<b>44</b>	<b>ug/kg</b>	<b>96</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>49</b>	<b>42</b>	<b>ug/kg</b>	<b>87</b>	<b>3.0</b>	<b>SW846 8260B</b>
Bromodichloromethane	ND	46	46	ug/kg	102		SW846 8260B
	ND	49	46	ug/kg	94	0.91	SW846 8260B
Bromoform	ND	46	38	ug/kg	83		SW846 8260B
	ND	49	39	ug/kg	80	2.5	SW846 8260B
Bromomethane	ND	46	41	ug/kg	90		SW846 8260B
	ND	49	36	ug/kg	75	12	SW846 8260B
2-Butanone	ND	46	51	ug/kg	111		SW846 8260B
	ND	49	52	ug/kg	107	3.1	SW846 8260B
Carbon disulfide	ND	46	44	ug/kg	96		SW846 8260B
	ND	49	41	ug/kg	84	7.1	SW846 8260B
Carbon tetrachloride	ND	46	49	ug/kg	108		SW846 8260B
	ND	49	46	ug/kg	95	6.1	SW846 8260B
<b>Chlorobenzene</b>	<b>ND</b>	<b>46</b>	<b>44</b>	<b>ug/kg</b>	<b>95</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>49</b>	<b>42</b>	<b>ug/kg</b>	<b>85</b>	<b>4.4</b>	<b>SW846 8260B</b>
Chloroethane	ND	46	41	ug/kg	89		SW846 8260B
	ND	49	36	ug/kg	74	13	SW846 8260B
Chloroform	ND	46	43	ug/kg	94		SW846 8260B
	ND	49	42	ug/kg	86	1.4	SW846 8260B
Chloromethane	ND	46	38	ug/kg	83		SW846 8260B
	ND	49	34	ug/kg	70	11	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Cyclohexane	ND	46	41	ug/kg	90		SW846 8260B
	ND	49	40	ug/kg	81	3.8	SW846 8260B
Dibromochloromethane	ND	46	47	ug/kg	102		SW846 8260B
	ND	49	46	ug/kg	94	1.4	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	46	44	ug/kg	97		SW846 8260B
	ND	49	44	ug/kg	89	1.4	SW846 8260B
1,2-Dibromoethane	ND	46	49	ug/kg	108		SW846 8260B
	ND	49	49	ug/kg	101	0.57	SW846 8260B
1,2-Dichlorobenzene	ND	46	43	ug/kg	93		SW846 8260B
	ND	49	41	ug/kg	84	3.9	SW846 8260B
1,3-Dichlorobenzene	ND	46	45	ug/kg	98		SW846 8260B
	ND	49	42	ug/kg	86	6.1	SW846 8260B
1,4-Dichlorobenzene	ND	46	45	ug/kg	98		SW846 8260B
	ND	49	42	ug/kg	86	6.9	SW846 8260B
Dichlorodifluoromethane	ND	46	33	ug/kg	73		SW846 8260B
	ND	49	30	ug/kg	61	12	SW846 8260B
1,1-Dichloroethane	ND	46	45	ug/kg	99		SW846 8260B
	ND	49	43	ug/kg	89	4.2	SW846 8260B
1,2-Dichloroethane	ND	46	45	ug/kg	99		SW846 8260B
	ND	49	46	ug/kg	94	1.6	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>ND</b>	<b>46</b>	<b>49</b>	<b>ug/kg</b>	<b>106</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>49</b>	<b>45</b>	<b>ug/kg</b>	<b>92</b>	<b>7.4</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	ND	46	44	ug/kg	95		SW846 8260B
	ND	49	42	ug/kg	87	2.6	SW846 8260B
trans-1,2-Dichloroethene	ND	46	45	ug/kg	98		SW846 8260B
	ND	49	43	ug/kg	88	4.4	SW846 8260B
1,2-Dichloropropane	ND	46	46	ug/kg	102		SW846 8260B
	ND	49	47	ug/kg	96	0.52	SW846 8260B
cis-1,3-Dichloropropene	ND	46	46	ug/kg	101		SW846 8260B
	ND	49	47	ug/kg	97	3.0	SW846 8260B
trans-1,3-Dichloropropene	ND	46	49	ug/kg	107		SW846 8260B
	ND	49	48	ug/kg	98	2.8	SW846 8260B
Ethylbenzene	ND	46	47	ug/kg	104		SW846 8260B
	ND	49	46	ug/kg	93	3.8	SW846 8260B
2-Hexanone	ND	46	60	ug/kg	132		SW846 8260B
	ND	49	60	ug/kg	124	0.04	SW846 8260B
Isopropylbenzene	ND	46	45	ug/kg	98		SW846 8260B
	ND	49	44	ug/kg	90	2.0	SW846 8260B
Methyl acetate	ND	46	46	ug/kg	101		SW846 8260B
	ND	49	48	ug/kg	98	3.2	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Methylene chloride	ND	46	38	ug/kg	84		SW846 8260B
	ND	49	36	ug/kg	74	5.5	SW846 8260B
Methylcyclohexane	0.29	46	43	ug/kg	94		SW846 8260B
	0.29	49	43	ug/kg	88	0.14	SW846 8260B
4-Methyl-2-pentanone	ND	46	53	ug/kg	116		SW846 8260B
	ND	49	58	ug/kg	118	8.0	SW846 8260B
Methyl tert-butyl ether	ND	46	43	ug/kg	94		SW846 8260B
	ND	49	43	ug/kg	89	1.5	SW846 8260B
Styrene	ND	46	44	ug/kg	96		SW846 8260B
	ND	49	43	ug/kg	87	2.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	46	54	ug/kg	117		SW846 8260B
	ND	49	48	ug/kg	99	11	SW846 8260B
Tetrachloroethene	ND	46	52	ug/kg	113		SW846 8260B
	ND	49	49	ug/kg	100	5.0	SW846 8260B
<b>Toluene</b>	<b>0.31</b>	<b>46</b>	<b>47</b>	<b>ug/kg</b>	<b>102</b>		<b>SW846 8260B</b>
	<b>0.31</b>	<b>49</b>	<b>44</b>	<b>ug/kg</b>	<b>90</b>	<b>6.3</b>	<b>SW846 8260B</b>
1,2,4-Trichloro-benzene	ND	46	33	ug/kg	71		SW846 8260B
	ND	49	40	ug/kg	81	19	SW846 8260B
1,1,1-Trichloroethane	ND	46	45	ug/kg	99		SW846 8260B
	ND	49	43	ug/kg	88	5.2	SW846 8260B
1,1,2-Trichloroethane	ND	46	50	ug/kg	110		SW846 8260B
	ND	49	49	ug/kg	101	1.7	SW846 8260B
<b>Trichloroethene</b>	<b>ND</b>	<b>46</b>	<b>48</b>	<b>ug/kg</b>	<b>105</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>49</b>	<b>47</b>	<b>ug/kg</b>	<b>97</b>	<b>1.1</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	ND	46	50	ug/kg	109		SW846 8260B
	ND	49	46	ug/kg	94	8.7	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	ND	46	54	ug/kg	117		SW846 8260B
	ND	49	49	ug/kg	100	9.6	SW846 8260B
Vinyl chloride	ND	46	39	ug/kg	86		SW846 8260B
	ND	49	36	ug/kg	74	7.5	SW846 8260B
Xylenes (total)	ND	140	140	ug/kg	102		SW846 8260B
	ND	150	140	ug/kg	92	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	75	(61 - 130)
	79	(61 - 130)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVREQ1AD-MS      Matrix.....: SOLID  
MS Lot-Sample #: A0B170435-002      LVREQ1AE-MSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
Toluene-d8	90	(60 - 143)
	93	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)
	89	(47 - 158)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVHLW1AQ-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B100472-001      LVHLW1AR-MSD  
 Date Sampled...: 02/09/10 11:02      Date Received...: 02/10/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1.43

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
n-Butylbenzene	103	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.9	(0-30)	SW846 8260B
sec-Butylbenzene	99	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.14	(0-30)	SW846 8260B
tert-Butylbenzene	99	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.2	(0-30)	SW846 8260B
p-Isopropyltoluene	100	(70 - 130)			SW846 8260B
	100	(70 - 130)	0.59	(0-30)	SW846 8260B
Naphthalene	107	(70 - 130)			SW846 8260B
	122	(70 - 130)	13	(0-30)	SW846 8260B
n-Propylbenzene	98	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.71	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	87	(70 - 130)			SW846 8260B
	81	(70 - 130)	7.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	37 a	(70 - 130)			SW846 8260B
	23 a,p	(70 - 130)	46	(0-30)	SW846 8260B
Acetone	97	(45 - 128)			SW846 8260B
	106	(45 - 128)	7.5	(0-30)	SW846 8260B
<b>Benzene</b>	<b>105</b>	<b>(78 - 118)</b>			<b>SW846 8260B</b>
	<b>108</b>	<b>(78 - 118)</b>	<b>2.9</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Bromodichloromethane	101	(80 - 146)			SW846 8260B
	101	(80 - 146)	0.76	(0-30)	SW846 8260B
Bromoform	100	(58 - 176)			SW846 8260B
	102	(58 - 176)	1.8	(0-30)	SW846 8260B
Bromomethane	84	(55 - 145)			SW846 8260B
	97	(55 - 145)	15	(0-30)	SW846 8260B
2-Butanone	104	(71 - 123)			SW846 8260B
	111	(71 - 123)	6.1	(0-30)	SW846 8260B
Carbon disulfide	109	(69 - 138)			SW846 8260B
	110	(69 - 138)	1.3	(0-41)	SW846 8260B
Carbon tetrachloride	106	(63 - 176)			SW846 8260B
	109	(63 - 176)	2.7	(0-30)	SW846 8260B
<b>Chlorobenzene</b>	<b>98</b>	<b>(76 - 117)</b>			<b>SW846 8260B</b>
	<b>99</b>	<b>(76 - 117)</b>	<b>1.2</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Chloroethane	66	(59 - 142)			SW846 8260B
	72	(59 - 142)	8.8	(0-30)	SW846 8260B
Chloroform	106	(83 - 141)			SW846 8260B
	112	(83 - 141)	2.1	(0-30)	SW846 8260B
Chloromethane	120	(40 - 137)			SW846 8260B
	126	(40 - 137)	4.4	(0-39)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVHLW1AQ-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B100472-001      LVHLW1AR-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Cyclohexane	105	(70 - 130)			SW846 8260B
	109	(70 - 130)	3.7	(0-30)	SW846 8260B
Dibromochloromethane	96	(71 - 158)			SW846 8260B
	97	(71 - 158)	0.72	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro- propane	101	(70 - 130)			SW846 8260B
	106	(70 - 130)	4.9	(0-30)	SW846 8260B
1,2-Dibromoethane	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.47	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.3	(0-30)	SW846 8260B
1,3-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.4	(0-30)	SW846 8260B
1,4-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	96	(70 - 130)	2.4	(0-30)	SW846 8260B
Dichlorodifluoromethane	88	(70 - 130)			SW846 8260B
	91	(70 - 130)	3.2	(0-30)	SW846 8260B
1,1-Dichloroethane	105	(88 - 127)			SW846 8260B
	109	(88 - 127)	4.1	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(71 - 160)			SW846 8260B
	102	(71 - 160)	4.2	(0-30)	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>117</b>	<b>(62 - 130)</b>			<b>SW846 8260B</b>
	<b>119</b>	<b>(62 - 130)</b>	<b>1.4</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	108	(87 - 114)			SW846 8260B
	118 a	(87 - 114)	2.9	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	108	(85 - 116)			SW846 8260B
	111	(85 - 116)	2.5	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(87 - 114)			SW846 8260B
	103	(87 - 114)	3.6	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(82 - 130)			SW846 8260B
	93	(82 - 130)	0.55	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	92	(73 - 147)			SW846 8260B
	94	(73 - 147)	2.3	(0-30)	SW846 8260B
Ethylbenzene	97	(86 - 132)			SW846 8260B
	96	(86 - 132)	0.16	(0-30)	SW846 8260B
2-Hexanone	93	(81 - 128)			SW846 8260B
	99	(81 - 128)	6.2	(0-30)	SW846 8260B
Isopropylbenzene	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	1.5	(0-30)	SW846 8260B
Methyl acetate	88	(70 - 130)			SW846 8260B
	91	(70 - 130)	3.0	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVHLW1AQ-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B100472-001      LVHLW1AR-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Methylene chloride	107	(82 - 115)			SW846 8260B
	109	(82 - 115)	2.1	(0-30)	SW846 8260B
Methylcyclohexane	110	(70 - 130)			SW846 8260B
	112	(70 - 130)	2.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone	92	(82 - 135)			SW846 8260B
	96	(82 - 135)	3.8	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	96	(70 - 130)			SW846 8260B
	100	(70 - 130)	4.0	(0-30)	SW846 8260B
Styrene	2.6 a	(83 - 120)			SW846 8260B
	2.5 a	(83 - 120)	2.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(88 - 116)			SW846 8260B
	87 a	(88 - 116)	0.38	(0-30)	SW846 8260B
Tetrachloroethene	109	(85 - 121)			SW846 8260B
	112	(85 - 121)	1.4	(0-30)	SW846 8260B
<b>Toluene</b>	<b>96</b>	<b>(70 - 119)</b>			<b>SW846 8260B</b>
	<b>95</b>	<b>(70 - 119)</b>	<b>0.84</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
1,2,4-Trichloro- benzene	114	(70 - 130)			SW846 8260B
	126	(70 - 130)	9.2	(0-30)	SW846 8260B
1,1,1-Trichloroethane	104	(71 - 162)			SW846 8260B
	107	(71 - 162)	3.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	97	(86 - 129)			SW846 8260B
	98	(86 - 129)	1.2	(0-30)	SW846 8260B
<b>Trichloroethene</b>	<b>103</b>	<b>(62 - 130)</b>			<b>SW846 8260B</b>
	<b>109</b>	<b>(62 - 130)</b>	<b>1.6</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	88	(70 - 130)			SW846 8260B
	100	(70 - 130)	12	(0-30)	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	145 a	(70 - 130)			SW846 8260B
	145 a	(70 - 130)	0.31	(0-30)	SW846 8260B
Vinyl chloride	95	(88 - 126)			SW846 8260B
	97	(88 - 126)	2.0	(0-30)	SW846 8260B
Xylenes (total)	93	(89 - 121)			SW846 8260B
	90	(89 - 121)	3.5	(0-30)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	94	(73 - 122)
	94	(73 - 122)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
MS Lot-Sample #: A0B100472-001

Work Order #...: LVHLW1AQ-MS  
LVHLW1AR-MSD

Matrix.....: WATER

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	89	(61 - 128)
	87	(61 - 128)
Toluene-d8	90	(76 - 110)
	91	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)
	97	(74 - 116)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVHLW1AQ-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B100472-001      LVHLW1AR-MSD  
 Date Sampled...: 02/09/10 11:02      Date Received...: 02/10/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1.43

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
n-Butylbenzene	ND	14	15	ug/L	103		SW846 8260B
	ND	14	15	ug/L	105	1.9	SW846 8260B
sec-Butylbenzene	ND	14	14	ug/L	99		SW846 8260B
	ND	14	14	ug/L	99	0.14	SW846 8260B
tert-Butylbenzene	ND	14	14	ug/L	99		SW846 8260B
	ND	14	14	ug/L	101	2.2	SW846 8260B
p-Isopropyltoluene	ND	14	14	ug/L	100		SW846 8260B
	ND	14	14	ug/L	100	0.59	SW846 8260B
Naphthalene	ND	14	15	ug/L	107		SW846 8260B
	ND	14	17	ug/L	122	13	SW846 8260B
n-Propylbenzene	ND	14	14	ug/L	98		SW846 8260B
	ND	14	14	ug/L	97	0.71	SW846 8260B
1,2,4-Trimethylbenzene	ND	14	12	ug/L	87		SW846 8260B
	ND	14	12	ug/L	81	7.2	SW846 8260B
1,3,5-Trimethylbenzene	ND	14	5.3	ug/L	37 a		SW846 8260B
	ND	14	3.3	ug/L	23 a,p	46	SW846 8260B
Acetone	1.6	14	16	ug/L	97		SW846 8260B
	1.6	14	17	ug/L	106	7.5	SW846 8260B
<b>Benzene</b>	<b>ND</b>	<b>14</b>	<b>15</b>	<b>ug/L</b>	<b>105</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>14</b>	<b>15</b>	<b>ug/L</b>	<b>108</b>	<b>2.9</b>	<b>SW846 8260B</b>
Bromodichloromethane	1.3	14	16	ug/L	101		SW846 8260B
	1.3	14	16	ug/L	101	0.76	SW846 8260B
Bromoform	ND	14	15	ug/L	100		SW846 8260B
	ND	14	15	ug/L	102	1.8	SW846 8260B
Bromomethane	ND	14	12	ug/L	84		SW846 8260B
	ND	14	14	ug/L	97	15	SW846 8260B
2-Butanone	ND	14	15	ug/L	104		SW846 8260B
	ND	14	16	ug/L	111	6.1	SW846 8260B
Carbon disulfide	ND	14	16	ug/L	109		SW846 8260B
	ND	14	16	ug/L	110	1.3	SW846 8260B
Carbon tetrachloride	0.52	14	16	ug/L	106		SW846 8260B
	0.52	14	16	ug/L	109	2.7	SW846 8260B
<b>Chlorobenzene</b>	<b>ND</b>	<b>14</b>	<b>14</b>	<b>ug/L</b>	<b>98</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>14</b>	<b>14</b>	<b>ug/L</b>	<b>99</b>	<b>1.2</b>	<b>SW846 8260B</b>
Chloroethane	ND	14	9.5	ug/L	66		SW846 8260B
	ND	14	10	ug/L	72	8.8	SW846 8260B
Chloroform	31	14	46	ug/L	106		SW846 8260B
	31	14	47	ug/L	112	2.1	SW846 8260B
Chloromethane	ND	14	17	ug/L	120		SW846 8260B
	ND	14	18	ug/L	126	4.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVHLW1AQ-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B100472-001      LVHLW1AR-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Cyclohexane	ND	14	15	ug/L	105		SW846 8260B
	ND	14	16	ug/L	109	3.7	SW846 8260B
Dibromochloromethane	0.64	14	14	ug/L	96		SW846 8260B
	0.64	14	14	ug/L	97	0.72	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	14	14	ug/L	101		SW846 8260B
	ND	14	15	ug/L	106	4.9	SW846 8260B
1,2-Dibromoethane	ND	14	14	ug/L	97		SW846 8260B
	ND	14	14	ug/L	97	0.47	SW846 8260B
1,2-Dichlorobenzene	ND	14	14	ug/L	97		SW846 8260B
	ND	14	14	ug/L	99	2.3	SW846 8260B
1,3-Dichlorobenzene	ND	14	13	ug/L	94		SW846 8260B
	ND	14	14	ug/L	95	1.4	SW846 8260B
1,4-Dichlorobenzene	ND	14	13	ug/L	94		SW846 8260B
	ND	14	14	ug/L	96	2.4	SW846 8260B
Dichlorodifluoromethane	ND	14	13	ug/L	88		SW846 8260B
	ND	14	13	ug/L	91	3.2	SW846 8260B
1,1-Dichloroethane	ND	14	15	ug/L	105		SW846 8260B
	ND	14	16	ug/L	109	4.1	SW846 8260B
1,2-Dichloroethane	ND	14	14	ug/L	98		SW846 8260B
	ND	14	15	ug/L	102	4.2	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>ND</b>	<b>14</b>	<b>17</b>	<b>ug/L</b>	<b>117</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>14</b>	<b>17</b>	<b>ug/L</b>	<b>119</b>	<b>1.4</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	34	14	50	ug/L	108		SW846 8260B
	34	14	51	ug/L	118	a 2.9	SW846 8260B
trans-1,2-Dichloroethene	0.83	14	16	ug/L	108		SW846 8260B
	0.83	14	17	ug/L	111	2.5	SW846 8260B
1,2-Dichloropropane	ND	14	14	ug/L	99		SW846 8260B
	ND	14	15	ug/L	103	3.6	SW846 8260B
cis-1,3-Dichloropropene	ND	14	13	ug/L	93		SW846 8260B
	ND	14	13	ug/L	93	0.55	SW846 8260B
trans-1,3-Dichloropropene	ND	14	13	ug/L	92		SW846 8260B
	ND	14	13	ug/L	94	2.3	SW846 8260B
Ethylbenzene	ND	14	14	ug/L	97		SW846 8260B
	ND	14	14	ug/L	96	0.16	SW846 8260B
2-Hexanone	ND	14	13	ug/L	93		SW846 8260B
	ND	14	14	ug/L	99	6.2	SW846 8260B
Isopropylbenzene	ND	14	14	ug/L	97		SW846 8260B
	ND	14	14	ug/L	99	1.5	SW846 8260B
Methyl acetate	ND	14	13	ug/L	88		SW846 8260B
	ND	14	13	ug/L	91	3.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVHLW1AQ-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B100472-001      LVHLW1AR-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Methylene chloride	0.81	14	16	ug/L	107		SW846 8260B
	0.81	14	16	ug/L	109	2.1	SW846 8260B
Methylcyclohexane	ND	14	16	ug/L	110		SW846 8260B
	ND	14	16	ug/L	112	2.5	SW846 8260B
4-Methyl-2-pentanone	ND	14	13	ug/L	92		SW846 8260B
	ND	14	14	ug/L	96	3.8	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	14	14	ug/L	96		SW846 8260B
	ND	14	14	ug/L	100	4.0	SW846 8260B
Styrene	ND	14	0.37	ug/L	2.6 a		SW846 8260B
	ND	14	0.36	ug/L	2.5 a	2.9	SW846 8260B
1,1,2,2-Tetrachloroethane	14	14	26	ug/L	88		SW846 8260B
	14	14	26	ug/L	87 a	0.38	SW846 8260B
Tetrachloroethene	22	14	38	ug/L	109		SW846 8260B
	22	14	38	ug/L	112	1.4	SW846 8260B
<b>Toluene</b>	<b>ND</b>	<b>14</b>	<b>14</b>	<b>ug/L</b>	<b>96</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>14</b>	<b>14</b>	<b>ug/L</b>	<b>95</b>	<b>0.84</b>	<b>SW846 8260B</b>
1,2,4-Trichloro-benzene	ND	14	16	ug/L	114		SW846 8260B
	ND	14	18	ug/L	126	9.2	SW846 8260B
1,1,1-Trichloroethane	ND	14	15	ug/L	104		SW846 8260B
	ND	14	15	ug/L	107	3.1	SW846 8260B
1,1,2-Trichloroethane	ND	14	14	ug/L	97		SW846 8260B
	ND	14	14	ug/L	98	1.2	SW846 8260B
<b>Trichloroethene</b>	<b>37</b>	<b>14</b>	<b>52</b>	<b>ug/L</b>	<b>103</b>		<b>SW846 8260B</b>
	<b>37</b>	<b>14</b>	<b>53</b>	<b>ug/L</b>	<b>109</b>	<b>1.6</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	ND	14	13	ug/L	88		SW846 8260B
	ND	14	14	ug/L	100	12	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	14	21	ug/L	145 a		SW846 8260B
	ND	14	21	ug/L	145 a	0.31	SW846 8260B
Vinyl chloride	1.0	14	15	ug/L	95		SW846 8260B
	1.0	14	15	ug/L	97	2.0	SW846 8260B
Xylenes (total)	ND	43	40	ug/L	93		SW846 8260B
	ND	43	38	ug/L	90	3.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	94	(73 - 122)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
MS Lot-Sample #: A0B100472-001

Work Order #...: LVHLW1AQ-MS  
LVHLW1AR-MSD

Matrix.....: WATER

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	89	(61 - 128)
	87	(61 - 128)
Toluene-d8	90	(76 - 110)
	91	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)
	97	(74 - 116)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD  
 Date Sampled...: 02/10/10 11:47      Date Received...: 02/11/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
n-Butylbenzene	106	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.16	(0-30)	SW846 8260B
sec-Butylbenzene	100	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.54	(0-30)	SW846 8260B
tert-Butylbenzene	102	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.76	(0-30)	SW846 8260B
p-Isopropyltoluene	104	(70 - 130)			SW846 8260B
	103	(70 - 130)	0.63	(0-30)	SW846 8260B
Naphthalene	120	(70 - 130)			SW846 8260B
	122	(70 - 130)	1.6	(0-30)	SW846 8260B
n-Propylbenzene	99	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.44	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	102	(70 - 130)			SW846 8260B
	100	(70 - 130)	1.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	99	(70 - 130)			SW846 8260B
	97	(70 - 130)	1.4	(0-30)	SW846 8260B
Acetone	92	(45 - 128)			SW846 8260B
	97	(45 - 128)	5.1	(0-30)	SW846 8260B
<b>Benzene</b>	<b>104</b>	<b>(78 - 118)</b>			<b>SW846 8260B</b>
	<b>105</b>	<b>(78 - 118)</b>	<b>0.85</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Bromodichloromethane	96	(80 - 146)			SW846 8260B
	97	(80 - 146)	1.2	(0-30)	SW846 8260B
Bromoform	96	(58 - 176)			SW846 8260B
	97	(58 - 176)	1.1	(0-30)	SW846 8260B
Bromomethane	84	(55 - 145)			SW846 8260B
	85	(55 - 145)	1.1	(0-30)	SW846 8260B
2-Butanone	97	(71 - 123)			SW846 8260B
	96	(71 - 123)	1.3	(0-30)	SW846 8260B
Carbon disulfide	107	(69 - 138)			SW846 8260B
	109	(69 - 138)	1.9	(0-41)	SW846 8260B
Carbon tetrachloride	105	(63 - 176)			SW846 8260B
	106	(63 - 176)	0.96	(0-30)	SW846 8260B
<b>Chlorobenzene</b>	<b>96</b>	<b>(76 - 117)</b>			<b>SW846 8260B</b>
	<b>97</b>	<b>(76 - 117)</b>	<b>1.6</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Chloroethane	62	(59 - 142)			SW846 8260B
	61	(59 - 142)	0.99	(0-30)	SW846 8260B
Chloroform	101	(83 - 141)			SW846 8260B
	103	(83 - 141)	1.3	(0-30)	SW846 8260B
Chloromethane	101	(40 - 137)			SW846 8260B
	104	(40 - 137)	3.4	(0-39)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Cyclohexane	98	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.71	(0-30)	SW846 8260B
Dibromochloromethane	94	(71 - 158)			SW846 8260B
	94	(71 - 158)	0.48	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro- propane	106	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.6	(0-30)	SW846 8260B
1,2-Dibromoethane	96	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.2	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.88	(0-30)	SW846 8260B
1,3-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	93	(70 - 130)	1.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	93	(70 - 130)	1.8	(0-30)	SW846 8260B
Dichlorodifluoromethane	83	(70 - 130)			SW846 8260B
	84	(70 - 130)	1.1	(0-30)	SW846 8260B
1,1-Dichloroethane	104	(88 - 127)			SW846 8260B
	107	(88 - 127)	3.4	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(71 - 160)			SW846 8260B
	96	(71 - 160)	1.4	(0-30)	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>115</b>	<b>(62 - 130)</b>			<b>SW846 8260B</b>
	<b>112</b>	<b>(62 - 130)</b>	<b>2.7</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	105	(87 - 114)			SW846 8260B
	106	(87 - 114)	1.6	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	106	(85 - 116)			SW846 8260B
	109	(85 - 116)	2.8	(0-30)	SW846 8260B
1,2-Dichloropropane	98	(87 - 114)			SW846 8260B
	97	(87 - 114)	1.0	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	94	(82 - 130)			SW846 8260B
	93	(82 - 130)	1.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	94	(73 - 147)			SW846 8260B
	92	(73 - 147)	2.2	(0-30)	SW846 8260B
Ethylbenzene	97	(86 - 132)			SW846 8260B
	96	(86 - 132)	0.79	(0-30)	SW846 8260B
2-Hexanone	97	(81 - 128)			SW846 8260B
	102	(81 - 128)	4.9	(0-30)	SW846 8260B
Isopropylbenzene	100	(70 - 130)			SW846 8260B
	101	(70 - 130)	1.4	(0-30)	SW846 8260B
Methyl acetate	88	(70 - 130)			SW846 8260B
	89	(70 - 130)	1.3	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Methylene chloride	99	(82 - 115)			SW846 8260B
	104	(82 - 115)	5.2	(0-30)	SW846 8260B
Methylcyclohexane	101	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	96	(82 - 135)			SW846 8260B
	96	(82 - 135)	0.58	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.6	(0-30)	SW846 8260B
Styrene	92	(83 - 120)			SW846 8260B
	94	(83 - 120)	1.8	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	91	(88 - 116)			SW846 8260B
	92	(88 - 116)	1.1	(0-30)	SW846 8260B
Tetrachloroethene	98	(85 - 121)			SW846 8260B
	99	(85 - 121)	0.96	(0-30)	SW846 8260B
<b>Toluene</b>	<b>97</b>	<b>(70 - 119)</b>			<b>SW846 8260B</b>
	<b>96</b>	<b>(70 - 119)</b>	<b>0.45</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
1,2,4-Trichloro- benzene	116	(70 - 130)			SW846 8260B
	116	(70 - 130)	0.36	(0-30)	SW846 8260B
1,1,1-Trichloroethane	102	(71 - 162)			SW846 8260B
	103	(71 - 162)	1.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	94	(86 - 129)			SW846 8260B
	94	(86 - 129)	0.74	(0-30)	SW846 8260B
<b>Trichloroethene</b>	<b>99</b>	<b>(62 - 130)</b>			<b>SW846 8260B</b>
	<b>101</b>	<b>(62 - 130)</b>	<b>1.6</b>	<b>(0-20)</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	83	(70 - 130)			SW846 8260B
	84	(70 - 130)	1.0	(0-30)	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	136 a	(70 - 130)			SW846 8260B
	131 a	(70 - 130)	3.4	(0-30)	SW846 8260B
Vinyl chloride	90	(88 - 126)			SW846 8260B
	94	(88 - 126)	3.8	(0-30)	SW846 8260B
Xylenes (total)	100	(89 - 121)			SW846 8260B
	100	(89 - 121)	0.91	(0-30)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Dibromofluoromethane	92	(73 - 122)
	94	(73 - 122)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0B170444  
MS Lot-Sample #: A0B110403-004

Work Order #...: LVJNK1AC-MS  
LVJNK1AD-MSD

Matrix.....: WATER

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
1,2-Dichloroethane-d4	87	(61 - 128)
	87	(61 - 128)
Toluene-d8	91	(76 - 110)
	89	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	98	(74 - 116)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD  
 Date Sampled...: 02/10/10 11:47      Date Received...: 02/11/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/18/10  
 Prep Batch #...: 0053094  
 Dilution Factor: 1

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
n-Butylbenzene	ND	10	11	ug/L	106		SW846 8260B
	ND	10	11	ug/L	106	0.16	SW846 8260B
sec-Butylbenzene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	101	0.54	SW846 8260B
tert-Butylbenzene	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	101	0.76	SW846 8260B
p-Isopropyltoluene	ND	10	10	ug/L	104		SW846 8260B
	ND	10	10	ug/L	103	0.63	SW846 8260B
Naphthalene	ND	10	12	ug/L	120		SW846 8260B
	ND	10	12	ug/L	122	1.6	SW846 8260B
n-Propylbenzene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.9	ug/L	99	0.44	SW846 8260B
1,2,4-Trimethylbenzene	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	100	1.6	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.7	ug/L	97	1.4	SW846 8260B
Acetone	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.7	ug/L	97	5.1	SW846 8260B
<b>Benzene</b>	<b>ND</b>	<b>10</b>	<b>10</b>	<b>ug/L</b>	<b>104</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>10</b>	<b>10</b>	<b>ug/L</b>	<b>105</b>	<b>0.85</b>	<b>SW846 8260B</b>
Bromodichloromethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.7	ug/L	97	1.2	SW846 8260B
Bromoform	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.7	ug/L	97	1.1	SW846 8260B
Bromomethane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.5	ug/L	85	1.1	SW846 8260B
2-Butanone	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.6	ug/L	96	1.3	SW846 8260B
Carbon disulfide	ND	10	11	ug/L	107		SW846 8260B
	ND	10	11	ug/L	109	1.9	SW846 8260B
Carbon tetrachloride	ND	10	11	ug/L	105		SW846 8260B
	ND	10	11	ug/L	106	0.96	SW846 8260B
<b>Chlorobenzene</b>	<b>ND</b>	<b>10</b>	<b>9.6</b>	<b>ug/L</b>	<b>96</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>10</b>	<b>9.7</b>	<b>ug/L</b>	<b>97</b>	<b>1.6</b>	<b>SW846 8260B</b>
Chloroethane	ND	10	6.2	ug/L	62		SW846 8260B
	ND	10	6.1	ug/L	61	0.99	SW846 8260B
Chloroform	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	103	1.3	SW846 8260B
Chloromethane	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	104	3.4	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Cyclohexane	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.9	ug/L	99	0.71	SW846 8260B
Dibromochloromethane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.48	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	11	ug/L	106		SW846 8260B
	ND	10	10	ug/L	105	1.6	SW846 8260B
1,2-Dibromoethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.5	ug/L	95	1.2	SW846 8260B
1,2-Dichlorobenzene	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.6	ug/L	96	0.88	SW846 8260B
1,3-Dichlorobenzene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.3	ug/L	93	1.2	SW846 8260B
1,4-Dichlorobenzene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.3	ug/L	93	1.8	SW846 8260B
Dichlorodifluoromethane	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.4	ug/L	84	1.1	SW846 8260B
1,1-Dichloroethane	ND	10	10	ug/L	104		SW846 8260B
	ND	10	11	ug/L	107	3.4	SW846 8260B
1,2-Dichloroethane	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.6	ug/L	96	1.4	SW846 8260B
<b>1,1-Dichloroethene</b>	<b>ND</b>	<b>10</b>	<b>12</b>	<b>ug/L</b>	<b>115</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>10</b>	<b>11</b>	<b>ug/L</b>	<b>112</b>	<b>2.7</b>	<b>SW846 8260B</b>
cis-1,2-Dichloroethene	ND	10	10	ug/L	105		SW846 8260B
	ND	10	11	ug/L	106	1.6	SW846 8260B
trans-1,2-Dichloroethene	ND	10	11	ug/L	106		SW846 8260B
	ND	10	11	ug/L	109	2.8	SW846 8260B
1,2-Dichloropropane	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.7	ug/L	97	1.0	SW846 8260B
cis-1,3-Dichloropropene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.3	ug/L	93	1.5	SW846 8260B
trans-1,3-Dichloropropene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.2	ug/L	92	2.2	SW846 8260B
Ethylbenzene	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.6	ug/L	96	0.79	SW846 8260B
2-Hexanone	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	10	ug/L	102	4.9	SW846 8260B
Isopropylbenzene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	101	1.4	SW846 8260B
Methyl acetate	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.9	ug/L	89	1.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
 MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Methylene chloride	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	104	5.2	SW846 8260B
Methylcyclohexane	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	103	1.4	SW846 8260B
4-Methyl-2-pentanone	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.6	ug/L	96	0.58	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.9	ug/L	99	2.6	SW846 8260B
Styrene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.4	ug/L	94	1.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.2	ug/L	92	1.1	SW846 8260B
Tetrachloroethene	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.9	ug/L	99	0.96	SW846 8260B
<b>Toluene</b>	<b>ND</b>	<b>10</b>	<b>9.7</b>	<b>ug/L</b>	<b>97</b>		<b>SW846 8260B</b>
	<b>ND</b>	<b>10</b>	<b>9.6</b>	<b>ug/L</b>	<b>96</b>	<b>0.45</b>	<b>SW846 8260B</b>
1,2,4-Trichloro- benzene	ND	10	12	ug/L	116		SW846 8260B
	ND	10	12	ug/L	116	0.36	SW846 8260B
1,1,1-Trichloroethane	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	103	1.3	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.74	SW846 8260B
<b>Trichloroethene</b>	<b>0.30</b>	<b>10</b>	<b>10</b>	<b>ug/L</b>	<b>99</b>		<b>SW846 8260B</b>
	<b>0.30</b>	<b>10</b>	<b>10</b>	<b>ug/L</b>	<b>101</b>	<b>1.6</b>	<b>SW846 8260B</b>
Trichlorofluoromethane	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.4	ug/L	84	1.0	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	10	14	ug/L	136 a		SW846 8260B
	ND	10	13	ug/L	131 a	3.4	SW846 8260B
Vinyl chloride	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.4	ug/L	94	3.8	SW846 8260B
Xylenes (total)	ND	30	30	ug/L	100		SW846 8260B
	ND	30	30	ug/L	100	0.91	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
	94	(73 - 122)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0B170444      Work Order #...: LVJNK1AC-MS      Matrix.....: WATER  
MS Lot-Sample #: A0B110403-004      LVJNK1AD-MSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
1,2-Dichloroethane-d4	87	(61 - 128)
	87	(61 - 128)
Toluene-d8	91	(76 - 110)
	89	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	98	(74 - 116)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVR51AF-MSD  
 Date Sampled...: 02/15/10 13:51      Date Received...: 02/17/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1      % Moisture.....: 14

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	72	(10 - 200)			SW846 8270C
	70	(10 - 200)	2.5	(0-30)	SW846 8270C
Acenaphthylene	75	(10 - 200)			SW846 8270C
	72	(10 - 200)	4.4	(0-30)	SW846 8270C
Acetophenone	75	(50 - 130)			SW846 8270C
	69	(50 - 130)	8.9	(0-30)	SW846 8270C
Anthracene	76	(10 - 200)			SW846 8270C
	74	(10 - 200)	3.5	(0-30)	SW846 8270C
Atrazine	131 a	(50 - 130)			SW846 8270C
	129	(50 - 130)	1.5	(0-30)	SW846 8270C
Benzo(a)anthracene	73	(10 - 200)			SW846 8270C
	71	(10 - 200)	3.6	(0-30)	SW846 8270C
Benzo(a)pyrene	68	(10 - 200)			SW846 8270C
	65	(10 - 200)	3.4	(0-30)	SW846 8270C
Benzo(b)fluoranthene	74	(10 - 200)			SW846 8270C
	70	(10 - 200)	4.4	(0-30)	SW846 8270C
Benzo(ghi)perylene	81	(10 - 200)			SW846 8270C
	79	(10 - 200)	3.6	(0-30)	SW846 8270C
Benzo(k)fluoranthene	78	(10 - 200)			SW846 8270C
	75	(10 - 200)	3.2	(0-30)	SW846 8270C
Benzaldehyde	86	(10 - 130)			SW846 8270C
	78	(10 - 130)	10	(0-30)	SW846 8270C
1,1'-Biphenyl	78	(50 - 130)			SW846 8270C
	74	(50 - 130)	4.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	75	(36 - 110)			SW846 8270C
	71	(36 - 110)	5.1	(0-30)	SW846 8270C
bis(2-Chloroethyl)- ether	76	(32 - 118)			SW846 8270C
	68	(32 - 118)	11	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	83	(10 - 200)			SW846 8270C
	81	(10 - 200)	2.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	79	(44 - 120)			SW846 8270C
	76	(44 - 120)	5.0	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVRF51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVRF51AF-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Butyl benzyl phthalate	81	(43 - 138)			SW846 8270C
	79	(43 - 138)	2.7	(0-30)	SW846 8270C
Caprolactam	77	(50 - 130)			SW846 8270C
	84	(50 - 130)	8.8	(0-30)	SW846 8270C
Carbazole	78	(10 - 162)			SW846 8270C
	76	(10 - 162)	3.3	(0-30)	SW846 8270C
4-Chloroaniline	50	(11 - 110)			SW846 8270C
	49	(11 - 110)	0.70	(0-30)	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>81</b>	<b>(32 - 117)</b>			<b>SW846 8270C</b>
	<b>77</b>	<b>(32 - 117)</b>	<b>6.0</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
2-Chloronaphthalene	73	(40 - 110)			SW846 8270C
	71	(40 - 110)	3.2	(0-30)	SW846 8270C
<b>2-Chlorophenol</b>	<b>76</b>	<b>(32 - 110)</b>			<b>SW846 8270C</b>
	<b>71</b>	<b>(32 - 110)</b>	<b>6.3</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
4-Chlorophenyl phenyl ether	78	(47 - 116)			SW846 8270C
	76	(47 - 116)	2.7	(0-30)	SW846 8270C
Chrysene	77	(10 - 200)			SW846 8270C
	74	(10 - 200)	4.6	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	79	(10 - 200)			SW846 8270C
	78	(10 - 200)	1.6	(0-30)	SW846 8270C
Dibenzofuran	75	(10 - 200)			SW846 8270C
	73	(10 - 200)	2.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	46	(10 - 110)			SW846 8270C
	47	(10 - 110)	1.4	(0-30)	SW846 8270C
2,4-Dichlorophenol	77	(33 - 110)			SW846 8270C
	74	(33 - 110)	4.8	(0-30)	SW846 8270C
Diethyl phthalate	80	(48 - 118)			SW846 8270C
	77	(48 - 118)	3.8	(0-30)	SW846 8270C
2,4-Dimethylphenol	77	(19 - 114)			SW846 8270C
	73	(19 - 114)	5.5	(0-30)	SW846 8270C
Dimethyl phthalate	79	(47 - 116)			SW846 8270C
	76	(47 - 116)	4.4	(0-30)	SW846 8270C
Di-n-butyl phthalate	81	(31 - 145)			SW846 8270C
	79	(31 - 145)	2.8	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	75	(10 - 110)			SW846 8270C
	70	(10 - 110)	7.2	(0-30)	SW846 8270C
2,4-Dinitrophenol	54	(10 - 110)			SW846 8270C
	44	(10 - 110)	20	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVR51AF-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
<b>4-Nitrophenol</b>	73	(10 - 125)			<b>SW846 8270C</b>
	69	(10 - 125)	5.4	(0-30)	<b>SW846 8270C</b>
<b>N-Nitrosodi-n-propyl-amine</b>	79	(30 - 121)			<b>SW846 8270C</b>
	74	(30 - 121)	5.9	(0-30)	<b>SW846 8270C</b>
N-Nitrosodiphenylamine	79	(10 - 169)			SW846 8270C
	76	(10 - 169)	3.7	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	75	(25 - 124)			SW846 8270C
	72	(25 - 124)	4.6	(0-30)	SW846 8270C
<b>Pentachlorophenol</b>	57	(10 - 182)			<b>SW846 8270C</b>
	53	(10 - 182)	7.4	(0-30)	<b>SW846 8270C</b>
Phenanthrene	74	(10 - 200)			SW846 8270C
	71	(10 - 200)	3.9	(0-30)	SW846 8270C
<b>Phenol</b>	79	(10 - 144)			<b>SW846 8270C</b>
	74	(10 - 144)	6.8	(0-30)	<b>SW846 8270C</b>
<b>Pyrene</b>	76	(10 - 200)			<b>SW846 8270C</b>
	74	(10 - 200)	2.7	(0-30)	<b>SW846 8270C</b>
2,4,5-Trichloro-phenol	80	(32 - 112)			SW846 8270C
	78	(32 - 112)	2.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	76	(22 - 110)			SW846 8270C
	72	(22 - 110)	5.6	(0-30)	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	73	(24 - 112)
	67	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
	68	(34 - 110)
Terphenyl-d14	86	(41 - 119)
	83	(41 - 119)
Phenol-d5	73	(28 - 110)
	69	(28 - 110)
2-Fluorophenol	76	(26 - 110)
	74	(26 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVRF51AE-MS      Matrix.....: SOLID  
MS Lot-Sample #: A0B170438-001      LVRF51AF-MSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
2,4,6-Tribromophenol	77	(10 - 118)
	75	(10 - 118)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVR51AF-MSD  
 Date Sampled...: 02/15/10 13:51      Date Received...: 02/17/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1      % Moisture.....: 14

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Acenaphthene	9.9	770	570	ug/kg	72		SW846 8270C
	9.9	770	550	ug/kg	70	2.5	SW846 8270C
Acenaphthylene	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	560	ug/kg	72	4.4	SW846 8270C
Acetophenone	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	530	ug/kg	69	8.9	SW846 8270C
Anthracene	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	570	ug/kg	74	3.5	SW846 8270C
Atrazine	ND	770	1000	ug/kg	131	a	SW846 8270C
	ND	770	1000	ug/kg	129	1.5	SW846 8270C
Benzo(a)anthracene	ND	770	570	ug/kg	73		SW846 8270C
	ND	770	550	ug/kg	71	3.6	SW846 8270C
Benzo(a)pyrene	ND	770	520	ug/kg	68		SW846 8270C
	ND	770	510	ug/kg	65	3.4	SW846 8270C
Benzo(b)fluoranthene	ND	770	570	ug/kg	74		SW846 8270C
	ND	770	550	ug/kg	70	4.4	SW846 8270C
Benzo(ghi)perylene	ND	770	630	ug/kg	81		SW846 8270C
	ND	770	610	ug/kg	79	3.6	SW846 8270C
Benzo(k)fluoranthene	ND	770	600	ug/kg	78		SW846 8270C
	ND	770	580	ug/kg	75	3.2	SW846 8270C
Benzaldehyde	ND	770	660	ug/kg	86		SW846 8270C
	ND	770	600	ug/kg	78	10	SW846 8270C
1,1'-Biphenyl	ND	770	600	ug/kg	78		SW846 8270C
	ND	770	580	ug/kg	74	4.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	550	ug/kg	71	5.1	SW846 8270C
bis(2-Chloroethyl)- ether	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	530	ug/kg	68	11	SW846 8270C
bis(2-Ethylhexyl) phthalate	47	770	690	ug/kg	83		SW846 8270C
	47	770	670	ug/kg	81	2.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	770	620	ug/kg	79		SW846 8270C
	ND	770	590	ug/kg	76	5.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVRF51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVRF51AF-MSD

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Butyl benzyl phthalate	ND	770	630	ug/kg	81		SW846 8270C
	ND	770	610	ug/kg	79	2.7	SW846 8270C
Caprolactam	ND	770	600	ug/kg	77		SW846 8270C
	ND	770	650	ug/kg	84	8.8	SW846 8270C
Carbazole	ND	770	610	ug/kg	78		SW846 8270C
	ND	770	590	ug/kg	76	3.3	SW846 8270C
4-Chloroaniline	ND	770	380	ug/kg	50		SW846 8270C
	ND	770	380	ug/kg	49	0.70	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>ND</b>	<b>770</b>	<b>630</b>	<b>ug/kg</b>	<b>81</b>		<b>SW846 8270C</b>
	<b>ND</b>	<b>770</b>	<b>590</b>	<b>ug/kg</b>	<b>77</b>	<b>6.0</b>	<b>SW846 8270C</b>
	ND	770	570	ug/kg	73		SW846 8270C
2-Chloronaphthalene	ND	770	570	ug/kg	73		SW846 8270C
	ND	770	550	ug/kg	71	3.2	SW846 8270C
<b>2-Chlorophenol</b>	<b>ND</b>	<b>770</b>	<b>590</b>	<b>ug/kg</b>	<b>76</b>		<b>SW846 8270C</b>
	<b>ND</b>	<b>770</b>	<b>550</b>	<b>ug/kg</b>	<b>71</b>	<b>6.3</b>	<b>SW846 8270C</b>
	ND	770	610	ug/kg	78		SW846 8270C
4-Chlorophenyl phenyl ether	ND	770	610	ug/kg	78		SW846 8270C
	ND	770	590	ug/kg	76	2.7	SW846 8270C
Chrysene	ND	770	600	ug/kg	77		SW846 8270C
	ND	770	570	ug/kg	74	4.6	SW846 8270C
Dibenz(a,h)anthracene	ND	770	610	ug/kg	79		SW846 8270C
	ND	770	600	ug/kg	78	1.6	SW846 8270C
Dibenzofuran	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	560	ug/kg	73	2.8	SW846 8270C
3,3'-Dichlorobenzidine	ND	770	360	ug/kg	46		SW846 8270C
	ND	770	360	ug/kg	47	1.4	SW846 8270C
2,4-Dichlorophenol	ND	770	600	ug/kg	77		SW846 8270C
	ND	770	570	ug/kg	74	4.8	SW846 8270C
	ND	770	620	ug/kg	80		SW846 8270C
Diethyl phthalate	ND	770	620	ug/kg	80		SW846 8270C
	ND	770	600	ug/kg	77	3.8	SW846 8270C
2,4-Dimethylphenol	ND	770	600	ug/kg	77		SW846 8270C
	ND	770	570	ug/kg	73	5.5	SW846 8270C
	ND	770	610	ug/kg	79		SW846 8270C
Dimethyl phthalate	ND	770	610	ug/kg	79		SW846 8270C
	ND	770	590	ug/kg	76	4.4	SW846 8270C
Di-n-butyl phthalate	ND	770	630	ug/kg	81		SW846 8270C
	ND	770	610	ug/kg	79	2.8	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	540	ug/kg	70	7.2	SW846 8270C
2,4-Dinitrophenol	ND	770	420	ug/kg	54		SW846 8270C
	ND	770	340	ug/kg	44	20	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVR51AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrotoluene	ND	770	640	ug/kg	82		SW846 8270C
	ND	770	620	ug/kg	80	3.0	SW846 8270C
2,6-Dinitrotoluene	ND	770	630	ug/kg	82		SW846 8270C
	ND	770	600	ug/kg	77	6.2	SW846 8270C
Di-n-octyl phthalate	ND	770	640	ug/kg	83		SW846 8270C
	ND	770	620	ug/kg	80	3.7	SW846 8270C
Fluoranthene	ND	770	630	ug/kg	81		SW846 8270C
	ND	770	610	ug/kg	79	2.6	SW846 8270C
Fluorene	12	770	570	ug/kg	73		SW846 8270C
	12	770	570	ug/kg	72	1.3	SW846 8270C
Hexachlorobenzene	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	560	ug/kg	72	3.4	SW846 8270C
Hexachlorobutadiene	ND	770	540	ug/kg	70		SW846 8270C
	ND	770	520	ug/kg	67	4.2	SW846 8270C
Hexachlorocyclopenta- diene	ND	770	420	ug/kg	55		SW846 8270C
	ND	770	350	ug/kg	46	18	SW846 8270C
Hexachloroethane	ND	770	520	ug/kg	68		SW846 8270C
	ND	770	500	ug/kg	65	3.9	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	770	590	ug/kg	77		SW846 8270C
	ND	770	590	ug/kg	76	0.33	SW846 8270C
Isophorone	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	550	ug/kg	71	5.6	SW846 8270C
2-Methylnaphthalene	ND	770	660	ug/kg	86		SW846 8270C
	ND	770	640	ug/kg	83	3.4	SW846 8270C
2-Methylphenol	ND	770	620	ug/kg	79		SW846 8270C
	ND	770	590	ug/kg	76	4.6	SW846 8270C
4-Methylphenol	ND	1500	1200	ug/kg	74		SW846 8270C
	ND	1500	1100	ug/kg	71	4.0	SW846 8270C
Naphthalene	ND	770	560	ug/kg	72		SW846 8270C
	ND	770	540	ug/kg	69	4.2	SW846 8270C
2-Nitroaniline	ND	770	630	ug/kg	82		SW846 8270C
	ND	770	610	ug/kg	79	3.6	SW846 8270C
3-Nitroaniline	ND	770	550	ug/kg	71		SW846 8270C
	ND	770	530	ug/kg	68	4.6	SW846 8270C
4-Nitroaniline	ND	770	620	ug/kg	80		SW846 8270C
	ND	770	620	ug/kg	80	0.86	SW846 8270C
Nitrobenzene	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	560	ug/kg	73	4.6	SW846 8270C
2-Nitrophenol	ND	770	590	ug/kg	77		SW846 8270C
	ND	770	570	ug/kg	74	4.4	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR51AE-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170438-001      LVR51AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitrophenol	ND	770	560	ug/kg	73		SW846 8270C
	ND	770	530	ug/kg	69	5.4	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	770	610	ug/kg	79		SW846 8270C
	ND	770	570	ug/kg	74	5.9	SW846 8270C
N-Nitrosodiphenylamine	ND	770	610	ug/kg	79		SW846 8270C
	ND	770	590	ug/kg	76	3.7	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	550	ug/kg	72	4.6	SW846 8270C
Pentachlorophenol	ND	770	440	ug/kg	57		SW846 8270C
	ND	770	410	ug/kg	53	7.4	SW846 8270C
Phenanthrene	19	770	590	ug/kg	74		SW846 8270C
	19	770	570	ug/kg	71	3.9	SW846 8270C
Phenol	ND	770	610	ug/kg	79		SW846 8270C
	ND	770	570	ug/kg	74	6.8	SW846 8270C
Pyrene	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	570	ug/kg	74	2.7	SW846 8270C
2,4,5-Trichloro-phenol	ND	770	620	ug/kg	80		SW846 8270C
	ND	770	600	ug/kg	78	2.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	560	ug/kg	72	5.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
	67	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
	68	(34 - 110)
Terphenyl-d14	86	(41 - 119)
	83	(41 - 119)
Phenol-d5	73	(28 - 110)
	69	(28 - 110)
2-Fluorophenol	76	(26 - 110)
	74	(26 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVRF51AE-MS      Matrix.....: SOLID  
MS Lot-Sample #: A0B170438-001      LVRF51AF-MSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
2,4,6-Tribromophenol	77	(10 - 118)
	75	(10 - 118)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD  
 Date Sampled...: 02/16/10 13:24      Date Received...: 02/17/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1      % Moisture.....: 17

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	83	(10 - 200)			SW846 8270C
	78	(10 - 200)	3.9	(0-30)	SW846 8270C
Acenaphthylene	68	(10 - 200)			SW846 8270C
	70	(10 - 200)	2.4	(0-30)	SW846 8270C
Acetophenone	61	(50 - 130)			SW846 8270C
	72	(50 - 130)	16	(0-30)	SW846 8270C
Anthracene	75	(10 - 200)			SW846 8270C
	77	(10 - 200)	2.7	(0-30)	SW846 8270C
Atrazine	110	(50 - 130)			SW846 8270C
	120	(50 - 130)	8.2	(0-30)	SW846 8270C
Benzo(a)anthracene	67	(10 - 200)			SW846 8270C
	67	(10 - 200)	0.32	(0-30)	SW846 8270C
Benzo(a)pyrene	63	(10 - 200)			SW846 8270C
	64	(10 - 200)	2.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	66	(10 - 200)			SW846 8270C
	68	(10 - 200)	2.0	(0-30)	SW846 8270C
Benzo(ghi)perylene	72	(10 - 200)			SW846 8270C
	72	(10 - 200)	0.86	(0-30)	SW846 8270C
Benzo(k)fluoranthene	74	(10 - 200)			SW846 8270C
	75	(10 - 200)	0.98	(0-30)	SW846 8270C
Benzaldehyde	62	(10 - 130)			SW846 8270C
	76	(10 - 130)	20	(0-30)	SW846 8270C
1,1'-Biphenyl	65	(50 - 130)			SW846 8270C
	75	(50 - 130)	14	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	63	(36 - 110)			SW846 8270C
	68	(36 - 110)	7.4	(0-30)	SW846 8270C
bis(2-Chloroethyl)- ether	61	(32 - 118)			SW846 8270C
	61	(32 - 118)	0.35	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	77	(10 - 200)			SW846 8270C
	108 p	(10 - 200)	32	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	72	(44 - 120)			SW846 8270C
	73	(44 - 120)	1.0	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Butyl benzyl phthalate	75	(43 - 138)			SW846 8270C
	75	(43 - 138)	0.56	(0-30)	SW846 8270C
Caprolactam	68	(50 - 130)			SW846 8270C
	74	(50 - 130)	8.2	(0-30)	SW846 8270C
Carbazole	72	(10 - 162)			SW846 8270C
	74	(10 - 162)	3.2	(0-30)	SW846 8270C
4-Chloroaniline	51	(11 - 110)			SW846 8270C
	50	(11 - 110)	3.7	(0-30)	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>76</b>	<b>(32 - 117)</b>			<b>SW846 8270C</b>
	<b>75</b>	<b>(32 - 117)</b>	<b>1.7</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
2-Chloronaphthalene	65	(40 - 110)			SW846 8270C
	68	(40 - 110)	4.1	(0-30)	SW846 8270C
<b>2-Chlorophenol</b>	<b>64</b>	<b>(32 - 110)</b>			<b>SW846 8270C</b>
	<b>68</b>	<b>(32 - 110)</b>	<b>5.3</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
4-Chlorophenyl phenyl ether	72	(47 - 116)			SW846 8270C
	73	(47 - 116)	0.83	(0-30)	SW846 8270C
Chrysene	69	(10 - 200)			SW846 8270C
	70	(10 - 200)	1.6	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	71	(10 - 200)			SW846 8270C
	73	(10 - 200)	1.3	(0-30)	SW846 8270C
Dibenzofuran	69	(10 - 200)			SW846 8270C
	71	(10 - 200)	2.4	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	31	(10 - 110)			SW846 8270C
	36	(10 - 110)	15	(0-30)	SW846 8270C
2,4-Dichlorophenol	69	(33 - 110)			SW846 8270C
	72	(33 - 110)	4.9	(0-30)	SW846 8270C
Diethyl phthalate	73	(48 - 118)			SW846 8270C
	74	(48 - 118)	0.77	(0-30)	SW846 8270C
2,4-Dimethylphenol	69	(19 - 114)			SW846 8270C
	73	(19 - 114)	5.2	(0-30)	SW846 8270C
Dimethyl phthalate	74	(47 - 116)			SW846 8270C
	74	(47 - 116)	0.17	(0-30)	SW846 8270C
Di-n-butyl phthalate	72	(31 - 145)			SW846 8270C
	72	(31 - 145)	0.15	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	60	(10 - 110)			SW846 8270C
	57	(10 - 110)	5.7	(0-30)	SW846 8270C
2,4-Dinitrophenol	31	(10 - 110)			SW846 8270C
	21 p	(10 - 110)	36	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrotoluene	78	(42 - 118)			SW846 8270C
	78	(42 - 118)	0.19	(0-30)	SW846 8270C
2,6-Dinitrotoluene	73	(28 - 137)			SW846 8270C
	74	(28 - 137)	1.1	(0-30)	SW846 8270C
Di-n-octyl phthalate	76	(10 - 182)			SW846 8270C
	76	(10 - 182)	0.23	(0-30)	SW846 8270C
Fluoranthene	82	(10 - 200)			SW846 8270C
	94	(10 - 200)	12	(0-30)	SW846 8270C
Fluorene	100	(10 - 187)			SW846 8270C
	90	(10 - 187)	7.9	(0-30)	SW846 8270C
Hexachlorobenzene	69	(37 - 122)			SW846 8270C
	69	(37 - 122)	0.61	(0-30)	SW846 8270C
Hexachlorobutadiene	56	(30 - 110)			SW846 8270C
	58	(30 - 110)	3.9	(0-30)	SW846 8270C
Hexachlorocyclopentadiene	17	(10 - 110)			SW846 8270C
	12 p	(10 - 110)	32	(0-30)	SW846 8270C
Hexachloroethane	50	(13 - 110)			SW846 8270C
	54	(13 - 110)	7.9	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	70	(10 - 200)			SW846 8270C
	72	(10 - 200)	1.5	(0-30)	SW846 8270C
Isophorone	62	(32 - 129)			SW846 8270C
	67	(32 - 129)	6.4	(0-30)	SW846 8270C
2-Methylnaphthalene	74	(10 - 200)			SW846 8270C
	80	(10 - 200)	7.5	(0-30)	SW846 8270C
2-Methylphenol	70	(19 - 124)			SW846 8270C
	75	(19 - 124)	6.4	(0-30)	SW846 8270C
4-Methylphenol	67	(27 - 116)			SW846 8270C
	72	(27 - 116)	6.7	(0-30)	SW846 8270C
Naphthalene	59	(10 - 200)			SW846 8270C
	63	(10 - 200)	7.2	(0-30)	SW846 8270C
2-Nitroaniline	77	(31 - 141)			SW846 8270C
	78	(31 - 141)	0.62	(0-30)	SW846 8270C
3-Nitroaniline	66	(24 - 110)			SW846 8270C
	67	(24 - 110)	0.30	(0-30)	SW846 8270C
4-Nitroaniline	72	(23 - 124)			SW846 8270C
	70	(23 - 124)	3.0	(0-30)	SW846 8270C
Nitrobenzene	63	(33 - 111)			SW846 8270C
	67	(33 - 111)	6.0	(0-30)	SW846 8270C
2-Nitrophenol	64	(17 - 110)			SW846 8270C
	67	(17 - 110)	5.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
<b>4-Nitrophenol</b>	<b>63</b>	<b>(10 - 125)</b>			<b>SW846 8270C</b>
	<b>66</b>	<b>(10 - 125)</b>	<b>5.0</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
<b>N-Nitrosodi-n-propyl-amine</b>	<b>65</b>	<b>(30 - 121)</b>			<b>SW846 8270C</b>
	<b>70</b>	<b>(30 - 121)</b>	<b>5.9</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
N-Nitrosodiphenylamine	78	(10 - 169)			SW846 8270C
	79	(10 - 169)	1.3	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	61	(25 - 124)			SW846 8270C
	64	(25 - 124)	5.2	(0-30)	SW846 8270C
<b>Pentachlorophenol</b>	<b>47</b>	<b>(10 - 182)</b>			<b>SW846 8270C</b>
	<b>43</b>	<b>(10 - 182)</b>	<b>10</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
Phenanthrene	67	(10 - 200)			SW846 8270C
	69	(10 - 200)	2.5	(0-30)	SW846 8270C
<b>Phenol</b>	<b>68</b>	<b>(10 - 144)</b>			<b>SW846 8270C</b>
	<b>74</b>	<b>(10 - 144)</b>	<b>8.1</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
<b>Pyrene</b>	<b>79</b>	<b>(10 - 200)</b>			<b>SW846 8270C</b>
	<b>96</b>	<b>(10 - 200)</b>	<b>18</b>	<b>(0-30)</b>	<b>SW846 8270C</b>
2,4,5-Trichloro-phenol	73	(32 - 112)			SW846 8270C
	69	(32 - 112)	4.8	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	68	(22 - 110)			SW846 8270C
	67	(22 - 110)	1.6	(0-30)	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	60	(24 - 112)
	66	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
	68	(34 - 110)
Terphenyl-d14	86	(41 - 119)
	88	(41 - 119)
Phenol-d5	65	(28 - 110)
	71	(28 - 110)
2-Fluorophenol	67	(26 - 110)
	71	(26 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	74	(10 - 118)
	73	(10 - 118)

**NOTE(S):**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD  
 Date Sampled...: 02/16/10 13:24      Date Received...: 02/17/10  
 Prep Date.....: 02/18/10      Analysis Date...: 02/19/10  
 Prep Batch #...: 0049030  
 Dilution Factor: 1      % Moisture.....: 17

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Acenaphthene	380	810	1100	ug/kg	83		SW846 8270C
	380	800	1000	ug/kg	78	3.9	SW846 8270C
Acenaphthylene	ND	810	550	ug/kg	68		SW846 8270C
	ND	800	560	ug/kg	70	2.4	SW846 8270C
Acetophenone	ND	810	490	ug/kg	61		SW846 8270C
	ND	800	580	ug/kg	72	16	SW846 8270C
Anthracene	40	810	640	ug/kg	75		SW846 8270C
	40	800	660	ug/kg	77	2.7	SW846 8270C
Atrazine	ND	810	890	ug/kg	110		SW846 8270C
	ND	800	970	ug/kg	120	8.2	SW846 8270C
Benzo(a)anthracene	13	810	550	ug/kg	67		SW846 8270C
	13	800	550	ug/kg	67	0.32	SW846 8270C
Benzo(a)pyrene	ND	810	510	ug/kg	63		SW846 8270C
	ND	800	520	ug/kg	64	2.0	SW846 8270C
Benzo(b)fluoranthene	ND	810	540	ug/kg	66		SW846 8270C
	ND	800	550	ug/kg	68	2.0	SW846 8270C
Benzo(ghi)perylene	ND	810	580	ug/kg	72		SW846 8270C
	ND	800	580	ug/kg	72	0.86	SW846 8270C
Benzo(k)fluoranthene	ND	810	590	ug/kg	74		SW846 8270C
	ND	800	600	ug/kg	75	0.98	SW846 8270C
Benzaldehyde	ND	810	500	ug/kg	62		SW846 8270C
	ND	800	610	ug/kg	76	20	SW846 8270C
1,1'-Biphenyl	ND	810	520	ug/kg	65		SW846 8270C
	ND	800	600	ug/kg	75	14	SW846 8270C
bis(2-Chloroethoxy) methane	ND	810	510	ug/kg	63		SW846 8270C
	ND	800	550	ug/kg	68	7.4	SW846 8270C
bis(2-Chloroethyl)- ether	ND	810	490	ug/kg	61		SW846 8270C
	ND	800	490	ug/kg	61	0.35	SW846 8270C
bis(2-Ethylhexyl) phthalate	33	810	660	ug/kg	77		SW846 8270C
	33	800	900	ug/kg	108 p	32	SW846 8270C
4-Bromophenyl phenyl ether	ND	810	580	ug/kg	72		SW846 8270C
	ND	800	590	ug/kg	73	1.0	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Butyl benzyl phthalate	ND	810	610	ug/kg	75		SW846 8270C
	ND	800	610	ug/kg	75	0.56	SW846 8270C
Caprolactam	ND	810	550	ug/kg	68		SW846 8270C
	ND	800	600	ug/kg	74	8.2	SW846 8270C
Carbazole	ND	810	580	ug/kg	72		SW846 8270C
	ND	800	600	ug/kg	74	3.2	SW846 8270C
4-Chloroaniline	ND	810	410	ug/kg	51		SW846 8270C
	ND	800	400	ug/kg	50	3.7	SW846 8270C
<b>4-Chloro-3-methylphenol</b>	<b>ND</b>	<b>810</b>	<b>610</b>	<b>ug/kg</b>	<b>76</b>		<b>SW846 8270C</b>
	<b>ND</b>	<b>800</b>	<b>600</b>	<b>ug/kg</b>	<b>75</b>	<b>1.7</b>	<b>SW846 8270C</b>
	ND	810	520	ug/kg	65		SW846 8270C
2-Chloronaphthalene	ND	810	520	ug/kg	65		SW846 8270C
	ND	800	540	ug/kg	68	4.1	SW846 8270C
<b>2-Chlorophenol</b>	<b>ND</b>	<b>810</b>	<b>520</b>	<b>ug/kg</b>	<b>64</b>		<b>SW846 8270C</b>
	<b>ND</b>	<b>800</b>	<b>540</b>	<b>ug/kg</b>	<b>68</b>	<b>5.3</b>	<b>SW846 8270C</b>
	ND	810	580	ug/kg	72		SW846 8270C
4-Chlorophenyl phenyl ether	ND	810	580	ug/kg	72		SW846 8270C
	ND	800	590	ug/kg	73	0.83	SW846 8270C
Chrysene	12	810	570	ug/kg	69		SW846 8270C
	12	800	580	ug/kg	70	1.6	SW846 8270C
Dibenz(a,h)anthracene	ND	810	580	ug/kg	71		SW846 8270C
	ND	800	580	ug/kg	73	1.3	SW846 8270C
Dibenzofuran	ND	810	560	ug/kg	69		SW846 8270C
	ND	800	570	ug/kg	71	2.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	810	250	ug/kg	31		SW846 8270C
	ND	800	290	ug/kg	36	15	SW846 8270C
2,4-Dichlorophenol	ND	810	550	ug/kg	69		SW846 8270C
	ND	800	580	ug/kg	72	4.9	SW846 8270C
Diethyl phthalate	ND	810	590	ug/kg	73		SW846 8270C
	ND	800	600	ug/kg	74	0.77	SW846 8270C
2,4-Dimethylphenol	ND	810	560	ug/kg	69		SW846 8270C
	ND	800	590	ug/kg	73	5.2	SW846 8270C
Dimethyl phthalate	ND	810	600	ug/kg	74		SW846 8270C
	ND	800	600	ug/kg	74	0.17	SW846 8270C
Di-n-butyl phthalate	ND	810	580	ug/kg	72		SW846 8270C
	ND	800	580	ug/kg	72	0.15	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	810	480	ug/kg	60		SW846 8270C
	ND	800	460	ug/kg	57	5.7	SW846 8270C
2,4-Dinitrophenol	ND	810	250	ug/kg	31		SW846 8270C
	ND	800	170	ug/kg	21	p 36	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrotoluene	ND	810	630	ug/kg	78		SW846 8270C
	ND	800	630	ug/kg	78	0.19	SW846 8270C
2,6-Dinitrotoluene	ND	810	590	ug/kg	73		SW846 8270C
	ND	800	600	ug/kg	74	1.1	SW846 8270C
Di-n-octyl phthalate	ND	810	620	ug/kg	76		SW846 8270C
	ND	800	610	ug/kg	76	0.23	SW846 8270C
Fluoranthene	30	810	700	ug/kg	82		SW846 8270C
	30	800	790	ug/kg	94	12	SW846 8270C
Fluorene	250	810	1100	ug/kg	100		SW846 8270C
	250	800	980	ug/kg	90	7.9	SW846 8270C
Hexachlorobenzene	ND	810	560	ug/kg	69		SW846 8270C
	ND	800	560	ug/kg	69	0.61	SW846 8270C
Hexachlorobutadiene	ND	810	450	ug/kg	56		SW846 8270C
	ND	800	470	ug/kg	58	3.9	SW846 8270C
Hexachlorocyclopentadiene	ND	810	140	ug/kg	17		SW846 8270C
	ND	800	98	ug/kg	12 p	32	SW846 8270C
Hexachloroethane	ND	810	410	ug/kg	50		SW846 8270C
	ND	800	440	ug/kg	54	7.9	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	810	570	ug/kg	70		SW846 8270C
	ND	800	580	ug/kg	72	1.5	SW846 8270C
Isophorone	ND	810	500	ug/kg	62		SW846 8270C
	ND	800	540	ug/kg	67	6.4	SW846 8270C
2-Methylnaphthalene	ND	810	600	ug/kg	74		SW846 8270C
	ND	800	640	ug/kg	80	7.5	SW846 8270C
2-Methylphenol	ND	810	570	ug/kg	70		SW846 8270C
	ND	800	610	ug/kg	75	6.4	SW846 8270C
4-Methylphenol	ND	1600	1100	ug/kg	67		SW846 8270C
	ND	1600	1200	ug/kg	72	6.7	SW846 8270C
Naphthalene	9.5	810	480	ug/kg	59		SW846 8270C
	9.5	800	520	ug/kg	63	7.2	SW846 8270C
2-Nitroaniline	ND	810	620	ug/kg	77		SW846 8270C
	ND	800	630	ug/kg	78	0.62	SW846 8270C
3-Nitroaniline	ND	810	530	ug/kg	66		SW846 8270C
	ND	800	540	ug/kg	67	0.30	SW846 8270C
4-Nitroaniline	ND	810	580	ug/kg	72		SW846 8270C
	ND	800	560	ug/kg	70	3.0	SW846 8270C
Nitrobenzene	ND	810	510	ug/kg	63		SW846 8270C
	ND	800	540	ug/kg	67	6.0	SW846 8270C
2-Nitrophenol	ND	810	510	ug/kg	64		SW846 8270C
	ND	800	540	ug/kg	67	5.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
 MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

<u>PARAMETER</u>	<u>SAMPLE AMOUNT</u>	<u>SPIKE AMT</u>	<u>MEASRD AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>RPD</u>	<u>METHOD</u>
4-Nitrophenol	ND	810	510	ug/kg	63		SW846 8270C
	ND	800	530	ug/kg	66	5.0	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	810	530	ug/kg	65		SW846 8270C
	ND	800	560	ug/kg	70	5.9	SW846 8270C
N-Nitrosodiphenylamine	ND	810	630	ug/kg	78		SW846 8270C
	ND	800	640	ug/kg	79	1.3	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	810	490	ug/kg	61		SW846 8270C
	ND	800	510	ug/kg	64	5.2	SW846 8270C
Pentachlorophenol	ND	810	380	ug/kg	47		SW846 8270C
	ND	800	350	ug/kg	43	10	SW846 8270C
Phenanthrene	44	810	590	ug/kg	67		SW846 8270C
	44	800	600	ug/kg	69	2.5	SW846 8270C
Phenol	ND	810	550	ug/kg	68		SW846 8270C
	ND	800	600	ug/kg	74	8.1	SW846 8270C
Pyrene	47	810	690	ug/kg	79		SW846 8270C
	47	800	820	ug/kg	96	18	SW846 8270C
2,4,5-Trichloro-phenol	ND	810	590	ug/kg	73		SW846 8270C
	ND	800	560	ug/kg	69	4.8	SW846 8270C
2,4,6-Trichloro-phenol	ND	810	550	ug/kg	68		SW846 8270C
	ND	800	540	ug/kg	67	1.6	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Nitrobenzene-d5	60	(24 - 112)
	66	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
	68	(34 - 110)
Terphenyl-d14	86	(41 - 119)
	88	(41 - 119)
Phenol-d5	65	(28 - 110)
	71	(28 - 110)
2-Fluorophenol	67	(26 - 110)
	71	(26 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A0B170444      Work Order #...: LVR2L1AD-MS      Matrix.....: SOLID  
MS Lot-Sample #: A0B170490-005      LVR2L1AE-MSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
2,4,6-Tribromophenol	74	(10 - 118)
	73	(10 - 118)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0B170444

Work Order #...: LVR5T-SMP  
LVR5T-DUP

Matrix.....: SOLID

Date Sampled...: 02/15/10 15:48 Date Received...: 02/17/10

% Moisture.....: 33

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>					<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Percent Solids	66.8	68.6	%	2.6	(0-20)	MCAWW 160.3 MOD	02/18-02/19/10	0049157

SD Lot-Sample #: A0B170501-005  
Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0B170444

Work Order #...: LVR5V-SMP  
LVR5V-DUP

Matrix.....: SOLID

Date Sampled...: 02/15/10 15:49 Date Received...: 02/17/10

% Moisture.....: 33

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>					<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Percent Solids	67.2	65.4	%	2.9	(0-20)	SD Lot-Sample #: A0B170501-006 MCAWW 160.3 MOD	02/18-02/19/10	0049157

Dilution Factor: 1