UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 6 Laboratory
Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Norphlet Chemical

Sample Collection Date(s)-- 08/14/12 - 08/16/12

Contact---------- Brenda Cook (6SF-RA)

Report Date---------- 02/12/13

Project #---------- 12SF152

Work Order(s)---------- 1208009
1208011
1208012
1208013

Analyses included in this report:

ABN 8270 QQQ PAH	ABN CLP Routine List

Report Narrative

Sample Management:

This report contains the semi-volatile analysis by both GC/MS and GC/MS/MS. The VOA, Pest/PCB, and total metals data was previously reported.

Semi-volatile Liquids:

Sample 1208009-03 was re-extracted because four surrogates failed low due to losses during the concentration step. The sample was re-extracted outside holding time. Because the sample was re-extracted outside holding time, both results are reported. Reporting limits (RLs) were raised for the more volatile targets Dichlorobenzenes, 1,2,4-Trichlorobenzene, Hexachloroethane and Hexachlorobutadiene due to low failures in the original extraction. Please note bis(2-Ethylhexyl)phthalate was not confirmed in the re-extraction.

The RLs for sample 1208013-11 are taken from the x10 dilution. The x1 was not usable due to significant chromatography problems.

Five analytes fail low in B2H2208-BS1. None were found in the samples.

Semi-volatile Solids:

9811333

Report Narrative (cont'd)

Sample 1208009-02 was re-extracted because four surrogates failed low. Because the sample was re-extracted within holding time with acceptable QC, only the re-extraction results are reported.

Several samples had either surrogate 2-Fluorobiphenyl or 2,4,6-Tribromophenol failing high. Seven samples had the surrogate 2-Fluorophenol failing low. There were no associated targets in these samples. The surrogate 1,2-Dichlorobenzene-d4 failed low in three samples and the MS/MSD due to volatile losses during the concentration step. RLs were raised for the more volatile targets, as previously done, in the samples due to low recovery.

Pyrene is qualified as estimated with a tentative identification in sample 1208012-09 due to poor chromatography and retention time shifting.

Semi-volatile Non-Aqueous Liquid:

4-Nitrophenol fails high in the MS but was not found in the sample.

Low Level PAHs by GC/MS/MS:

All reported concentrations are qualified as estimated because the samples were extracted past holding time and because of the additional QC failures addressed with each batch below. Concentrations should be considered minimum values.

Benzo(b)fluoranthene and Benzo(k)fluoranthene were not adequately resolved in this analysis and reported as a single analyte.

Some unknown phenomenon affected the chromatography of the blanks and BSs in batches B2K0601 and B2L1304 This caused the peaks to broaden to where some analytes eluted outside the SIM window (window where daughter ion is collected). This caused low recoveries for the BSs especially for the late eluting PAHs (approximately 1/3 to 1/5 of the end of the peak was cut off). This did not happen to the samples and matrix spikes. All of the peaks eluted within the SIM window for the samples and matrix spikes. The cause is unknown.

Liquids (B2K0201):
BS1: One target fails low.
MS1/MSD1: Three targets fail low.
Results are already qualified as estimated.

Non-Aqueous Liquid (B2K0601):
BS1: Ten targets fail low due to the chromatography problem described above.
Phenanthrene/Anthracene and Benzo(a)anthracene/Chrysene are qualified as estimated because the isomers are not adequately resolved.
MS1/MSD1: One target fails low.
Results are already qualified as estimated.

Solids:

Several samples were re-extracted because the incorrect amount of surrogate was added.

Report Narrative (cont'd)

B2K1402 contains samples reported from the original extraction; B2L1304 contains the re-extractions.

B2K1402:

After analyzing all of the samples in the original batch at a 5 ml final volume, many compounds were < reporting limit. In order to report more analytes, the remainder of the 5ml extract was concentrated and reanalyzed (4ml of extract concentrated to 1ml). Most of the surrogates recovered low in the reanalysis of samples and QC at 1ml. This is because of the difficult matrix (oil) and performing multiple concentration and cleanup steps to get to the lower volume of 1ml. Reporting limits were raised for the non-detects for analytes associated with surrogates with <50% recovery. If the surrogate recovered at >50%, the associated reporting limits were not raised.
BS1: Twelve targets fail low.
BS2: Seven targets fail low.
MS1: Seven targets fail low.
MSD1: Four targets fail low.
MS2: Thirteen targets fail low.
MSD2: Seven targets fail low.
Results are already qualified as estimated.

B2L1304:

The re-extractions were done using more sample weight and the final volume kept at 5ml. This minimized the number of surrogates that failed low. For the few that failed low in this batch, reporting limts were raised as discussed previously in batch B2K1402.

The reporting limits for Phenanthrene and Anthracene were raised in samples 1208012-05RE1 and 1208012-06RE1 because the peaks could not be distinguished from the background matrix.

Terphenyl-d14 fails high in BLK1.

BS1: Four targets fail low.
Phenanthrene/Anthracene and Benzo(a)anthracene/Chrysene are qualified as estimated because the isomers are not adequately resolved.
Results are already qualified as estimated.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin Region 6 Laboratory Manager	David Neleigh Region 6 Laboratory Branch Chief

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Norphlet Chemical Project Number: 12SF152

Data Management Coordinator: Christy Warren

/ /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency
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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
DD-01-00-11-120814	1208009-01	Liquid	8/14/12 8:20	08/15/12 16:05
DD01-03-51	1208009-02	Solid	8/14/12 8:30	08/15/12 16:05
DD-04-00-12-120814	1208009-03	Liquid	8/14/12 10:20	08/15/12 16:05
DD-04-03-52	1208009-04	Solid	8/14/12 10:35	08/15/12 16:05
SED-01-03-51	1208009-05	Solid	8/14/12 10:50	08/15/12 16:05
SW-01-00-11-120814	1208009-06	Liquid	8/14/12 10:40	08/15/12 16:05
DD-02-00-11-120814	1208009-07	Liquid	8/14/12 8:50	08/15/12 16:05
DD-02-03-51	1208009-08	Solid	8/14/12 9:00	08/15/12 16:05
DD-03-00-11-120814	1208009-09	Liquid	8/14/12 9:10	08/15/12 16:05
DD-03-03-51	1208009-10	Solid	8/14/12 9:20	08/15/12 16:05
DD-04-00-11-120814	1208009-11	Liquid	8/14/12 10:15	08/15/12 16:05
DD-04-03-51	1208009-12	Solid	8/14/12 10:30	08/15/12 16:05
PPE-01-00-11-120814	1208009-13	Liquid	8/14/12 13:05	08/15/12 16:05
PPE-01-03-51	1208009-14	Solid	8/14/12 13:10	08/15/12 16:05
SED-02-03-51	1208009-15	Solid	8/14/12 13:40	08/15/12 16:05
SW-02-00-11-120814	1208009-16	Liquid	8/14/12 13:33	08/15/12 16:05
SED-03-03-51	1208009-17	Solid	8/14/12 14:02	08/15/12 16:05
SW-03-00-11-120814	1208009-18	Liquid	8/14/12 13:56	08/15/12 16:05
SW-01-00-11-120814	1208011-02	Liquid	8/14/12 10:40	08/15/12 14:20
PPE-02-00-11-120814	1208012-01	Liquid	8/14/12 13:15	08/16/12 09:20
PPE-02-03-51	1208012-02	Solid	8/14/12 13:20	08/16/12 09:20
OP-01-03-51	1208012-03	Solid	8/15/12 8:55	08/16/12 09:20
RD-01-03-51	1208012-04	Solid	8/15/12 9:45	08/16/12 09:20
RD-02-03-51	1208012-05	Solid	8/15/12 9:05	08/16/12 09:20
RD-02-03-52	1208012-06	Solid	8/15/12 9:15	08/16/12 09:20
TS-01-03-51	1208012-07	Solid	8/15/12 8:20	08/16/12 09:20
TS-02-03-51	1208012-08	Solid	8/15/12 8:40	08/16/12 09:20
OP-02-03-51	1208012-09	Solid	8/15/12 12:30	08/16/12 09:20
PPE-03-03-51	1208012-10	Solid	8/15/12 12:45	08/16/12 09:20
PS-01-03-51	1208012-11	Solid	8/15/12 11:20	08/16/12 09:20
PS-02-03-51	1208012-12	Solid	8/15/12 11:30	08/16/12 09:20
PS-03-03-51	1208012-13	Solid	8/15/12 11:40	08/16/12 09:20
WA-01-03-51	1208012-14	Solid	8/15/12 12:55	08/16/12 09:20
NCI-1-120815-21	1208012-15	Liquid	8/15/12 11:34	08/16/12 09:20
BG-01-00-11-120816	1208013-01	Liquid	8/16/12 7:00	08/17/12 09:10
BG-01-03-51	1208013-02	Solid	8/16/12 7:10	08/17/12 09:10

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
SED-04-03-51	1208013-03	Solid	8/16/12 8:20	08/17/12 09:10
SW-04-00-11-120816	1208013-04	Liquid	8/16/12 7:35	08/17/12 09:10
SED-05-03-51	1208013-05	Solid	8/16/12 8:35	08/17/12 09:10
SW-05-00-11-120816	1208013-06	Liquid	8/16/12 7:50	08/17/12 09:10
DD-05-03-51	1208013-07	Solid	8/16/12 9:20	08/17/12 09:10
OP-02-00-11-120816	1208013-08	Liquid	8/16/12 8:50	08/17/12 09:10
DD-05-03-52	1208013-09	Solid	8/16/12 9:25	08/17/12 09:10
OP-02-00-12-120816	1208013-10	Liquid	8/16/12 8:55	08/17/12 09:10
IDW-01-00-21	1208013-11	Liquid	8/16/12 12:05	08/17/12 09:10
NCI-3-120816-21	1208013-12	Liquid	8/16/12 7:23	08/17/12 09:10
MW-1-120816-21	1208013-13	Non-Aqueous Liquid	8/16/12 10:15	08/17/12 09:10

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-01 **Station ID: DD-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1020ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	54.7		74.4	39-109	08/17/12	08/22/12
Phenol-d5	55.1		74.9	41-107	"	"
2-Chlorophenol-d4	55.4		75.3	45-104	"	"
1,2-Dichlorobenzene-d4	31.4		64.1	34-100	"	"
Nitrobenzene-d5	37.1		75.7	41-128	"	"
2-Fluorobiphenyl	35.7		72.9	46-108	"	"
2,4,6-Tribromophenol	78.7		107	51-143	"	"
Terphenyl-d14	44.1		89.9	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		2.0	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		2.0	"	"	"
Acetophenone (98-86-2)	U		4.9	"	"	"
Anthracene (120-12-7)	U		2.0	"	"	"
Atrazine (1912-24-9)	U		4.9	"	"	"
Benzaldehyde (100-52-7)	U		4.9	"	"	"
Benzoic acid (65-85-0)	U		9.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.9	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.9	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.9	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.9	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.9	"	"	"
Benzyl alcohol (100-51-6)	U		4.9	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.9	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.9	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.9	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.9	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.9	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.9	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.9	"	"	"
Carbazole (86-74-8)	U		4.9	"	"	"
Caprolactam (105-60-2)	U		4.9	"	"	"
4-Chloroaniline (106-47-8)	U		4.9	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.9	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-01 **Station ID: DD-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1020ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.9	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.9	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.9	"	"	"
Chrysene (218-01-9)	U		4.9	"	"	"
Dibenzofuran (132-64-9)	U		4.9	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.9	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.9	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.9	"	"	"
Diethyl phthalate (84-66-2)	U		4.9	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.9	"	"	"
Dimethyl phthalate (131-11-3)	U		4.9	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.6	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.9	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.9	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.6	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.9	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.9	"	"	"
Fluoranthene (206-44-0)	U		2.0	"	"	"
Fluorene (86-73-7)	U		2.0	"	"	"
Hexachlorobenzene (118-74-1)	U		4.9	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.9	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.9	"	"	"
Hexachloroethane (67-72-1)	U		4.9	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.9	"	"	"
Isophorone (78-59-1)	U		4.9	"	"	"
2-Methylnaphthalene (91-57-6)	U		2.0	"	"	"
2-Methylphenol (95-48-7)	U		4.9	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.9	"	"	"
Naphthalene (91-20-3)	U		2.0	"	"	"
2-Nitroaniline (88-74-4)	U		7.8	"	"	"
3-Nitroaniline (99-09-2)	U		7.8	"	"	"
4-Nitroaniline (100-01-6)	U		7.8	"	"	"
Nitrobenzene (98-95-3)	U		4.9	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-01 **Station ID: DD-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1020ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.9	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.7	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.9	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.9	"	"	"
Pentachlorophenol (87-86-5)	U		4.9	"	"	"
Phenanthrene (85-01-8)	U		2.0	"	"	"
Phenol (108-95-2)	U		4.9	"	"	"
Pyrene (129-00-0)	U		2.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.9	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.9	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.9	"	"	"

DS

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-02 **Station ID: DD01-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 4.109g
%Solids: 62.86

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	29.3		30.3 #	42-108	11/15/12	12/19/12
2-Fluorobiphenyl	41.1		42.4 #	51-103	"	"
Terphenyl-d14	51.4		53.1 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	19.4	1.25	11/15/12	12/19/12
Acenaphthylene (208-96-8)	U	RL	19.4	"	"	"
Anthracene (120-12-7)	U		9.7	"	"	"
Benzo (a) anthracene (56-55-3)	**11.6**	**J**	9.7	"	"	"
Benzo (a) pyrene (50-32-8)	**11.4**	**J**	9.7	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**19.3**	**J**	9.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**14.6**	**J**	9.7	"	"	"
Chrysene (218-01-9)	**41.4**	**J**	9.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		9.7	"	"	"
Fluoranthene (206-44-0)	U		9.7	"	"	"
Fluorene (86-73-7)	U	RL	19.4	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		9.7	"	"	"
2-Methylnaphthalene (91-57-6)	U	RL	29.0	"	"	"
Naphthalene (91-20-3)	U	RL	29.0	"	"	"
Phenanthrene (85-01-8)	U		9.7	"	"	"
Pyrene (129-00-0)	**29.7**	**J**	9.7	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-02RE1 **Station ID: DD01-03-51**

Batch: B2H2803
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.363g
%Solids: 62.86

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	7,360		63.9	38-101	08/28/12	08/29/12
Phenol-d5	10,700		93.0	42-105	"	"
2-Chlorophenol-d4	9,530		82.8	40-100	"	"
1,2-Dichlorobenzene-d4	5,460		71.2	37-100	"	"
Nitrobenzene-d5	6,060		79.0	42-108	"	"
2-Fluorobiphenyl	8,320		108 #	51-103	"	"
2,4,6-Tribromophenol	13,000		113	55-115	"	"
Terphenyl-d14	5,670		73.8	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		307	1	08/28/12	08/29/12
Acenaphthylene (208-96-8)	U		307	"	"	"
Acetophenone (98-86-2)	U		768	"	"	"
Anthracene (120-12-7)	U		307	"	"	"
Atrazine (1912-24-9)	U		768	"	"	"
Benzaldehyde (100-52-7)	U		768	"	"	"
Benzoic acid (65-85-0)	U		1,540	"	"	"
Benzo (a) anthracene (56-55-3)	U		768	"	"	"
Benzo (a) pyrene (50-32-8)	U		768	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		768	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		768	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		768	"	"	"
Benzyl alcohol (100-51-6)	U		768	"	"	"
1,1'-Biphenyl (92-52-4)	U		768	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		768	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		768	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		768	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		768	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		768	"	"	"
Butyl benzyl phthalate (85-68-7)	U		768	"	"	"
Carbazole (86-74-8)	U		768	"	"	"
Caprolactam (105-60-2)	U		768	"	"	"
4-Chloroaniline (106-47-8)	U		768	"	"	"
2-Chloronaphthalene (91-58-7)	U		768	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-02RE1 **Station ID: DD01-03-51**

Batch: B2H2803
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.363g
%Solids: 62.86

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		768	1	08/28/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		768	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		768	"	"	"
Chrysene (218-01-9)	U		768	"	"	"
Dibenzofuran (132-64-9)	U		768	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		768	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		768	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		768	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		768	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		768	"	"	"
2,4-Dichlorophenol (120-83-2)	U		768	"	"	"
Diethyl phthalate (84-66-2)	U		768	"	"	"
2,4-Dimethylphenol (105-67-9)	U		768	"	"	"
Dimethyl phthalate (131-11-3)	U		768	"	"	"
2,4-Dinitrophenol (51-28-5)	U		3,070	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		768	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		768	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		3,070	"	"	"
Di-n-butyl phthalate (84-74-2)	U		768	"	"	"
Di-n-octyl phthalate (117-84-0)	U		768	"	"	"
Fluoranthene (206-44-0)	U		307	"	"	"
Fluorene (86-73-7)	U		307	"	"	"
Hexachlorobenzene (118-74-1)	U		768	"	"	"
Hexachlorobutadiene (87-68-3)	U		768	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		768	"	"	"
Hexachloroethane (67-72-1)	U		768	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		768	"	"	"
Isophorone (78-59-1)	U		768	"	"	"
2-Methylnaphthalene (91-57-6)	U		307	"	"	"
2-Methylphenol (95-48-7)	U		768	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		768	"	"	"
Naphthalene (91-20-3)	U		307	"	"	"
2-Nitroaniline (88-74-4)	U		1,230	"	"	"
3-Nitroaniline (99-09-2)	U		1,230	"	"	"
4-Nitroaniline (100-01-6)	U		1,230	"	"	"
Nitrobenzene (98-95-3)	U		768	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-02RE1 **Station ID: DD01-03-51**

Batch: B2H2803
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.363g
%Solids: 62.86

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		768	1	08/28/12	08/29/12
4-Nitrophenol (100-02-7)	U		2,000	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		768	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		768	"	"	"
Pentachlorophenol (87-86-5)	U		768	"	"	"
Phenanthrene (85-01-8)	U		307	"	"	"
Phenol (108-95-2)	U		768	"	"	"
Pyrene (129-00-0)	U		307	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		768	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		768	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		768	"	"	"

WD

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-03 **Station ID: DD-04-00-12-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1032ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	22.6		31.1 #	39-109	08/17/12	08/22/12
Phenol-d5	20.4		28.1 #	41-107	"	"
2-Chlorophenol-d4	26.4		36.4 #	45-104	"	"
1,2-Dichlorobenzene-d4	16.2		33.3 #	34-100	"	"
Nitrobenzene-d5	20.7		42.7	41-128	"	"
2-Fluorobiphenyl	26.9		55.6	46-108	"	"
2,4,6-Tribromophenol	50.5		69.5	51-143	"	"
Terphenyl-d14	50.5		104	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.8	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.8	"	"	"
Benzaldehyde (100-52-7)	U		4.8	"	"	"
Benzoic acid (65-85-0)	U		9.7	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.8	"	"	"
Benzyl alcohol (100-51-6)	U		4.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.8	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	**63.1**	**J**	4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		4.8	"	"	"
Caprolactam (105-60-2)	U		4.8	"	"	"
4-Chloroaniline (106-47-8)	U		4.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-03 **Station ID: DD-04-00-12-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1032ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.8	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.8	"	"	"
Chrysene (218-01-9)	U		4.8	"	"	"
Dibenzofuran (132-64-9)	U		4.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	RL	14.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	RL	14.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	RL	14.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.8	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.8	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.4	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.8	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.8	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.4	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.8	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.8	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.8	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	14.5	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U	RL	14.5	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.8	"	"	"
Isophorone (78-59-1)	U		4.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.8	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.8	"	"	"
3-Nitroaniline (99-09-2)	U		7.8	"	"	"
4-Nitroaniline (100-01-6)	U		7.8	"	"	"
Nitrobenzene (98-95-3)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-03 **Station ID: DD-04-00-12-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1032ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.8	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.6	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.8	"	"	"
Pentachlorophenol (87-86-5)	U		4.8	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.8	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	RL	14.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-03RE2 **Station ID: DD-04-00-12-120814**

Batch: B2H2701 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A HTS**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	175		70.2	39-109	08/28/12	08/29/12
Phenol-d5	185		73.9	41-107	"	"
2-Chlorophenol-d4	181		72.3	45-104	"	"
1,2-Dichlorobenzene-d4	120		72.1	34-100	"	"
Nitrobenzene-d5	125		75.1	41-128	"	"
2-Fluorobiphenyl	140		83.9	46-108	"	"
2,4,6-Tribromophenol	279		112	51-143	"	"
Terphenyl-d14	148		88.7	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/28/12	08/29/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-03RE2 **Station ID: DD-04-00-12-120814**

Batch: B2H2701 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A HTS**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/28/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-03RE2 **Station ID: DD-04-00-12-120814**

Batch: B2H2701 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A HTS**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/28/12	08/29/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-04 **Station ID: DD-04-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.086g
%Solids: 72.15

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	8,730		84.7	38-101	08/23/12	08/25/12
Phenol-d5	9,390		91.2	42-105	"	"
2-Chlorophenol-d4	8,670		84.1	40-100	"	"
1,2-Dichlorobenzene-d4	4,780		69.5	37-100	"	"
Nitrobenzene-d5	5,550		80.8	42-108	"	"
2-Fluorobiphenyl	6,570		95.6	51-103	"	"
2,4,6-Tribromophenol	13,000		126 #	55-115	"	"
Terphenyl-d14	6,110		89.0	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		275	1	08/23/12	08/25/12
Acenaphthylene (208-96-8)	U		275	"	"	"
Acetophenone (98-86-2)	U		687	"	"	"
Anthracene (120-12-7)	U		275	"	"	"
Atrazine (1912-24-9)	U		687	"	"	"
Benzaldehyde (100-52-7)	U		687	"	"	"
Benzoic acid (65-85-0)	U		1,370	"	"	"
Benzo (a) anthracene (56-55-3)	U		687	"	"	"
Benzo (a) pyrene (50-32-8)	U		687	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		687	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		687	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		687	"	"	"
Benzyl alcohol (100-51-6)	U		687	"	"	"
1,1'-Biphenyl (92-52-4)	U		687	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		687	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		687	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		687	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		687	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		687	"	"	"
Butyl benzyl phthalate (85-68-7)	U		687	"	"	"
Carbazole (86-74-8)	U		687	"	"	"
Caprolactam (105-60-2)	U		687	"	"	"
4-Chloroaniline (106-47-8)	U		687	"	"	"
2-Chloronaphthalene (91-58-7)	U		687	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-04 **Station ID: DD-04-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.086g
%Solids: 72.15

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		687	1	08/23/12	08/25/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		687	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		687	"	"	"
Chrysene (218-01-9)	U		687	"	"	"
Dibenzofuran (132-64-9)	U		687	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		687	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		687	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		687	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		687	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		687	"	"	"
2,4-Dichlorophenol (120-83-2)	U		687	"	"	"
Diethyl phthalate (84-66-2)	U		687	"	"	"
2,4-Dimethylphenol (105-67-9)	U		687	"	"	"
Dimethyl phthalate (131-11-3)	U		687	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,750	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		687	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		687	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,750	"	"	"
Di-n-butyl phthalate (84-74-2)	U		687	"	"	"
Di-n-octyl phthalate (117-84-0)	U		687	"	"	"
Fluoranthene (206-44-0)	U		275	"	"	"
Fluorene (86-73-7)	U		275	"	"	"
Hexachlorobenzene (118-74-1)	U		687	"	"	"
Hexachlorobutadiene (87-68-3)	U		687	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		687	"	"	"
Hexachloroethane (67-72-1)	U		687	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		687	"	"	"
Isophorone (78-59-1)	U		687	"	"	"
2-Methylnaphthalene (91-57-6)	U		275	"	"	"
2-Methylphenol (95-48-7)	U		687	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		687	"	"	"
Naphthalene (91-20-3)	U		275	"	"	"
2-Nitroaniline (88-74-4)	U		1,100	"	"	"
3-Nitroaniline (99-09-2)	U		1,100	"	"	"
4-Nitroaniline (100-01-6)	U		1,100	"	"	"
Nitrobenzene (98-95-3)	U		687	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-04 **Station ID: DD-04-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.086g
%Solids: 72.15

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		687	1	08/23/12	08/25/12
4-Nitrophenol (100-02-7)	U		1,790	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		687	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		687	"	"	"
Pentachlorophenol (87-86-5)	U		687	"	"	"
Phenanthrene (85-01-8)	U		275	"	"	"
Phenol (108-95-2)	U		687	"	"	"
Pyrene (129-00-0)	U		275	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		687	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		687	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		687	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-04 **Station ID: DD-04-03-52**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 6.133g
%Solids: 72.15

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	25.3		44.8	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	34.0		60.1	51-103	"	"
Terphenyl-d14	35.5		62.8	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		5.6	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U		5.6	"	"	"
Anthracene (120-12-7)	U		5.6	"	"	"
Benzo (a) anthracene (56-55-3)	**19.8**	**J**	5.6	"	"	"
Benzo (a) pyrene (50-32-8)	**28.4**	**J**	5.6	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**25.3**	**J**	5.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**34.3**	**J**	5.6	"	"	"
Chrysene (218-01-9)	**109**	**J**	5.6	"	"	"
Dibenz (a,h) anthracene (53-70-3)	**6.3**	**J**	5.6	"	"	"
Fluoranthene (206-44-0)	**12.4**	**J**	5.6	"	"	"
Fluorene (86-73-7)	U		5.6	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**9.5**	**J**	5.6	"	"	"
2-Methylnaphthalene (91-57-6)	**11.7**	**J**	5.6	"	"	"
Naphthalene (91-20-3)	**8.5**	**J**	5.6	"	"	"
Phenanthrene (85-01-8)	**14.3**	**J**	5.6	"	"	"
Pyrene (129-00-0)	**36.0**	**J**	5.6	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-05 **Station ID: SED-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.073g
%Solids: 77.05

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	4,380		45.3	38-101	08/23/12	08/24/12
Phenol-d5	5,390		55.8	42-105	"	"
2-Chlorophenol-d4	4,490		46.4	40-100	"	"
1,2-Dichlorobenzene-d4	2,400		37.2	37-100	"	"
Nitrobenzene-d5	2,970		46.1	42-108	"	"
2-Fluorobiphenyl	3,800		59.0	51-103	"	"
2,4,6-Tribromophenol	7,080		73.2	55-115	"	"
Terphenyl-d14	4,520		70.1	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		258	1	08/23/12	08/24/12
Acenaphthylene (208-96-8)	U		258	"	"	"
Acetophenone (98-86-2)	U		644	"	"	"
Anthracene (120-12-7)	U		258	"	"	"
Atrazine (1912-24-9)	U		644	"	"	"
Benzaldehyde (100-52-7)	U		644	"	"	"
Benzoic acid (65-85-0)	U		1,290	"	"	"
Benzo (a) anthracene (56-55-3)	U		644	"	"	"
Benzo (a) pyrene (50-32-8)	U		644	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		644	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		644	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		644	"	"	"
Benzyl alcohol (100-51-6)	U		644	"	"	"
1,1'-Biphenyl (92-52-4)	U		644	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		644	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		644	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		644	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		644	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		644	"	"	"
Butyl benzyl phthalate (85-68-7)	U		644	"	"	"
Carbazole (86-74-8)	U		644	"	"	"
Caprolactam (105-60-2)	U		644	"	"	"
4-Chloroaniline (106-47-8)	U		644	"	"	"
2-Chloronaphthalene (91-58-7)	U		644	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-05 **Station ID: SED-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.073g
%Solids: 77.05

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		644	1	08/23/12	08/24/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		644	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		644	"	"	"
Chrysene (218-01-9)	U		644	"	"	"
Dibenzofuran (132-64-9)	U		644	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		644	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		644	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		644	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		644	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		644	"	"	"
2,4-Dichlorophenol (120-83-2)	U		644	"	"	"
Diethyl phthalate (84-66-2)	U		644	"	"	"
2,4-Dimethylphenol (105-67-9)	U		644	"	"	"
Dimethyl phthalate (131-11-3)	U		644	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,580	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		644	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		644	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,580	"	"	"
Di-n-butyl phthalate (84-74-2)	U		644	"	"	"
Di-n-octyl phthalate (117-84-0)	U		644	"	"	"
Fluoranthene (206-44-0)	U		258	"	"	"
Fluorene (86-73-7)	U		258	"	"	"
Hexachlorobenzene (118-74-1)	U		644	"	"	"
Hexachlorobutadiene (87-68-3)	U		644	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		644	"	"	"
Hexachloroethane (67-72-1)	U		644	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		644	"	"	"
Isophorone (78-59-1)	U		644	"	"	"
2-Methylnaphthalene (91-57-6)	U		258	"	"	"
2-Methylphenol (95-48-7)	U		644	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		644	"	"	"
Naphthalene (91-20-3)	U		258	"	"	"
2-Nitroaniline (88-74-4)	U		1,030	"	"	"
3-Nitroaniline (99-09-2)	U		1,030	"	"	"
4-Nitroaniline (100-01-6)	U		1,030	"	"	"
Nitrobenzene (98-95-3)	U		644	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-05 **Station ID: SED-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.073g
%Solids: 77.05

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		644	1	08/23/12	08/24/12
4-Nitrophenol (100-02-7)	U		1,680	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		644	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		644	"	"	"
Pentachlorophenol (87-86-5)	U		644	"	"	"
Phenanthrene (85-01-8)	U		258	"	"	"
Phenol (108-95-2)	U		644	"	"	"
Pyrene (129-00-0)	U		258	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		644	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		644	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		644	"	"	"

WD

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-06 **Station ID: SW-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1065ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	53.5		76.0	39-109	08/17/12	08/22/12
Phenol-d5	51.9		73.7	41-107	"	"
2-Chlorophenol-d4	52.3		74.3	45-104	"	"
1,2-Dichlorobenzene-d4	28.4		60.5	34-100	"	"
Nitrobenzene-d5	35.3		75.1	41-128	"	"
2-Fluorobiphenyl	34.3		73.1	46-108	"	"
2,4,6-Tribromophenol	73.9		105	51-143	"	"
Terphenyl-d14	42.8		91.1	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.7	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.7	"	"	"
Benzaldehyde (100-52-7)	U		4.7	"	"	"
Benzoic acid (65-85-0)	U		9.4	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.7	"	"	"
Benzyl alcohol (100-51-6)	U		4.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.7	"	"	"
Carbazole (86-74-8)	U		4.7	"	"	"
Caprolactam (105-60-2)	U		4.7	"	"	"
4-Chloroaniline (106-47-8)	U		4.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-06 **Station ID: SW-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1065ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.7	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.7	"	"	"
Chrysene (218-01-9)	U		4.7	"	"	"
Dibenzofuran (132-64-9)	U		4.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.7	"	"	"
Diethyl phthalate (84-66-2)	U		4.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.7	"	"	"
Dimethyl phthalate (131-11-3)	U		4.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		18.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		18.8	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.7	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.7	"	"	"
Hexachloroethane (67-72-1)	U		4.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.7	"	"	"
Isophorone (78-59-1)	U		4.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.7	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.5	"	"	"
3-Nitroaniline (99-09-2)	U		7.5	"	"	"
4-Nitroaniline (100-01-6)	U		7.5	"	"	"
Nitrobenzene (98-95-3)	U		4.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-06 **Station ID: SW-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1065ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.7	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.2	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.7	"	"	"
Pentachlorophenol (87-86-5)	U		4.7	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.7	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-07 **Station ID: DD-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1004ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	41.1		55.0	39-109	08/17/12	08/22/12
Phenol-d5	42.9		57.4	41-107	"	"
2-Chlorophenol-d4	45.2		60.6	45-104	"	"
1,2-Dichlorobenzene-d4	31.0		62.3	34-100	"	"
Nitrobenzene-d5	37.7		75.8	41-128	"	"
2-Fluorobiphenyl	40.1		80.4	46-108	"	"
2,4,6-Tribromophenol	54.3		72.7	51-143	"	"
Terphenyl-d14	57.4		115	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		2.0	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		2.0	"	"	"
Acetophenone (98-86-2)	U		5.0	"	"	"
Anthracene (120-12-7)	U		2.0	"	"	"
Atrazine (1912-24-9)	U		5.0	"	"	"
Benzaldehyde (100-52-7)	U		5.0	"	"	"
Benzoic acid (65-85-0)	U		10.0	"	"	"
Benzo (a) anthracene (56-55-3)	U		5.0	"	"	"
Benzo (a) pyrene (50-32-8)	U		5.0	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		5.0	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		5.0	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		5.0	"	"	"
Benzyl alcohol (100-51-6)	U		5.0	"	"	"
1,1'-Biphenyl (92-52-4)	U		5.0	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		5.0	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		5.0	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		5.0	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		5.0	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		5.0	"	"	"
Butyl benzyl phthalate (85-68-7)	U		5.0	"	"	"
Carbazole (86-74-8)	U		5.0	"	"	"
Caprolactam (105-60-2)	U		5.0	"	"	"
4-Chloroaniline (106-47-8)	U		5.0	"	"	"
2-Chloronaphthalene (91-58-7)	U		5.0	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-07 **Station ID: DD-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1004ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		5.0	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		5.0	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		5.0	"	"	"
Chrysene (218-01-9)	U		5.0	"	"	"
Dibenzofuran (132-64-9)	U		5.0	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		5.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		5.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		5.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		5.0	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		5.0	"	"	"
2,4-Dichlorophenol (120-83-2)	U		5.0	"	"	"
Diethyl phthalate (84-66-2)	U		5.0	"	"	"
2,4-Dimethylphenol (105-67-9)	U		5.0	"	"	"
Dimethyl phthalate (131-11-3)	U		5.0	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.9	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		5.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		5.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.9	"	"	"
Di-n-butyl phthalate (84-74-2)	U		5.0	"	"	"
Di-n-octyl phthalate (117-84-0)	U		5.0	"	"	"
Fluoranthene (206-44-0)	U		2.0	"	"	"
Fluorene (86-73-7)	U		2.0	"	"	"
Hexachlorobenzene (118-74-1)	U		5.0	"	"	"
Hexachlorobutadiene (87-68-3)	U		5.0	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		5.0	"	"	"
Hexachloroethane (67-72-1)	U		5.0	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		5.0	"	"	"
Isophorone (78-59-1)	U		5.0	"	"	"
2-Methylnaphthalene (91-57-6)	U		2.0	"	"	"
2-Methylphenol (95-48-7)	U		5.0	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		5.0	"	"	"
Naphthalene (91-20-3)	U		2.0	"	"	"
2-Nitroaniline (88-74-4)	U		8.0	"	"	"
3-Nitroaniline (99-09-2)	U		8.0	"	"	"
4-Nitroaniline (100-01-6)	U		8.0	"	"	"
Nitrobenzene (98-95-3)	U		5.0	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-07 **Station ID: DD-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1004ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		5.0	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.9	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		5.0	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		5.0	"	"	"
Pentachlorophenol (87-86-5)	U		5.0	"	"	"
Phenanthrene (85-01-8)	U		2.0	"	"	"
Phenol (108-95-2)	U		5.0	"	"	"
Pyrene (129-00-0)	U		2.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		5.0	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		5.0	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-08 **Station ID: DD-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.182g
%Solids: 45.23

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	9,220		56.6	38-101	08/23/12	08/28/12
Phenol-d5	11,100		68.0	42-105	"	"
2-Chlorophenol-d4	9,800		60.2	40-100	"	"
1,2-Dichlorobenzene-d4	5,160		47.5	37-100	"	"
Nitrobenzene-d5	6,410		59.0	42-108	"	"
2-Fluorobiphenyl	10,300		94.5	51-103	"	"
2,4,6-Tribromophenol	16,800		103	55-115	"	"
Terphenyl-d14	8,820		81.2	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		434	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		434	"	"	"
Acetophenone (98-86-2)	U		1,090	"	"	"
Anthracene (120-12-7)	U		434	"	"	"
Atrazine (1912-24-9)	U		1,090	"	"	"
Benzaldehyde (100-52-7)	U		1,090	"	"	"
Benzoic acid (65-85-0)	U		2,170	"	"	"
Benzo (a) anthracene (56-55-3)	U		1,090	"	"	"
Benzo (a) pyrene (50-32-8)	U		1,090	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		1,090	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		1,090	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		1,090	"	"	"
Benzyl alcohol (100-51-6)	U		1,090	"	"	"
1,1'-Biphenyl (92-52-4)	U		1,090	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		1,090	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		1,090	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		1,090	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		1,090	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		1,090	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1,090	"	"	"
Carbazole (86-74-8)	U		1,090	"	"	"
Caprolactam (105-60-2)	U		1,090	"	"	"
4-Chloroaniline (106-47-8)	U		1,090	"	"	"
2-Chloronaphthalene (91-58-7)	U		1,090	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-08 **Station ID: DD-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.182g
%Solids: 45.23

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		1,090	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		1,090	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		1,090	"	"	"
Chrysene (218-01-9)	U		1,090	"	"	"
Dibenzofuran (132-64-9)	U		1,090	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		1,090	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		1,090	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		1,090	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		1,090	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		1,090	"	"	"
2,4-Dichlorophenol (120-83-2)	U		1,090	"	"	"
Diethyl phthalate (84-66-2)	U		1,090	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1,090	"	"	"
Dimethyl phthalate (131-11-3)	U		1,090	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4,340	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1,090	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1,090	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4,340	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1,090	"	"	"
Di-n-octyl phthalate (117-84-0)	U		1,090	"	"	"
Fluoranthene (206-44-0)	U		434	"	"	"
Fluorene (86-73-7)	U		434	"	"	"
Hexachlorobenzene (118-74-1)	U		1,090	"	"	"
Hexachlorobutadiene (87-68-3)	U		1,090	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		1,090	"	"	"
Hexachloroethane (67-72-1)	U		1,090	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		1,090	"	"	"
Isophorone (78-59-1)	U		1,090	"	"	"
2-Methylnaphthalene (91-57-6)	U		434	"	"	"
2-Methylphenol (95-48-7)	U		1,090	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		1,090	"	"	"
Naphthalene (91-20-3)	U		434	"	"	"
2-Nitroaniline (88-74-4)	U		1,740	"	"	"
3-Nitroaniline (99-09-2)	U		1,740	"	"	"
4-Nitroaniline (100-01-6)	U		1,740	"	"	"
Nitrobenzene (98-95-3)	U		1,090	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-08 **Station ID: DD-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.182g
%Solids: 45.23

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		1,090	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		2,820	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		1,090	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		1,090	"	"	"
Pentachlorophenol (87-86-5)	U		1,090	"	"	"
Phenanthrene (85-01-8)	U		434	"	"	"
Phenol (108-95-2)	U		1,090	"	"	"
Pyrene (129-00-0)	U		434	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		1,090	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		1,090	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		1,090	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-08 **Station ID: DD-02-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 4.101g
%Solids: 45.23

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	35.5		26.3 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	53.3		39.5 #	51-103	"	"
Terphenyl-d14	68.3		50.7 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	40.4	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	40.4	"	"	"
Anthracene (120-12-7)	U		13.5	"	"	"
Benzo (a) anthracene (56-55-3)	**31.2**	**J**	13.5	"	"	"
Benzo (a) pyrene (50-32-8)	**35.7**	**J**	13.5	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**94.9**	**J**	13.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**23.2**	**J**	13.5	"	"	"
Chrysene (218-01-9)	**259**	**J**	13.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		13.5	"	"	"
Fluoranthene (206-44-0)	**21.5**	**J**	13.5	"	"	"
Fluorene (86-73-7)	U	RL	40.4	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**14.1**	**J**	13.5	"	"	"
2-Methylnaphthalene (91-57-6)	**14.0**	**J**	13.5	"	"	"
Naphthalene (91-20-3)	U	RL	53.9	"	"	"
Phenanthrene (85-01-8)	**16.2**	**J**	13.5	"	"	"
Pyrene (129-00-0)	**92.6**	**J**	13.5	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-09 **Station ID: DD-03-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1040ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	43.4		60.2	39-109	08/17/12	08/22/12
Phenol-d5	47.9		66.4	41-107	"	"
2-Chlorophenol-d4	47.7		66.1	45-104	"	"
1,2-Dichlorobenzene-d4	26.8		55.7	34-100	"	"
Nitrobenzene-d5	35.3		73.5	41-128	"	"
2-Fluorobiphenyl	37.9		78.9	46-108	"	"
2,4,6-Tribromophenol	64.0		88.8	51-143	"	"
Terphenyl-d14	48.9		102	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.8	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.8	"	"	"
Benzaldehyde (100-52-7)	U		4.8	"	"	"
Benzoic acid (65-85-0)	U		9.6	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.8	"	"	"
Benzyl alcohol (100-51-6)	U		4.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.8	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		4.8	"	"	"
Caprolactam (105-60-2)	U		4.8	"	"	"
4-Chloroaniline (106-47-8)	U		4.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-09 **Station ID: DD-03-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1040ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.8	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.8	"	"	"
Chrysene (218-01-9)	U		4.8	"	"	"
Dibenzofuran (132-64-9)	U		4.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.8	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.8	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.8	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.2	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.8	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.8	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.2	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.8	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.8	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.8	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.8	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.8	"	"	"
Isophorone (78-59-1)	U		4.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.8	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.7	"	"	"
3-Nitroaniline (99-09-2)	U		7.7	"	"	"
4-Nitroaniline (100-01-6)	U		7.7	"	"	"
Nitrobenzene (98-95-3)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-09 **Station ID: DD-03-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1040ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.8	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.5	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.8	"	"	"
Pentachlorophenol (87-86-5)	U		4.8	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.8	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.8	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.8	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-10 **Station ID: DD-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.084g
%Solids: 28.47

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	15,300		58.7	38-101	08/23/12	08/28/12
Phenol-d5	18,000		69.1	42-105	"	"
2-Chlorophenol-d4	15,400		59.1	40-100	"	"
1,2-Dichlorobenzene-d4	6,830		39.2	37-100	"	"
Nitrobenzene-d5	9,460		54.3	42-108	"	"
2-Fluorobiphenyl	16,600		95.4	51-103	"	"
2,4,6-Tribromophenol	28,600		110	55-115	"	"
Terphenyl-d14	16,700		96.1	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		697	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		697	"	"	"
Acetophenone (98-86-2)	U		1,740	"	"	"
Anthracene (120-12-7)	U		697	"	"	"
Atrazine (1912-24-9)	U		1,740	"	"	"
Benzaldehyde (100-52-7)	U		1,740	"	"	"
Benzoic acid (65-85-0)	U		3,480	"	"	"
Benzo (a) anthracene (56-55-3)	U		1,740	"	"	"
Benzo (a) pyrene (50-32-8)	U		1,740	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		1,740	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		1,740	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		1,740	"	"	"
Benzyl alcohol (100-51-6)	U		1,740	"	"	"
1,1'-Biphenyl (92-52-4)	U		1,740	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		1,740	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		1,740	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		1,740	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		1,740	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		1,740	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1,740	"	"	"
Carbazole (86-74-8)	U		1,740	"	"	"
Caprolactam (105-60-2)	U		1,740	"	"	"
4-Chloroaniline (106-47-8)	U		1,740	"	"	"
2-Chloronaphthalene (91-58-7)	U		1,740	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-10 **Station ID: DD-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.084g
%Solids: 28.47

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		1,740	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		1,740	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		1,740	"	"	"
Chrysene (218-01-9)	U		1,740	"	"	"
Dibenzofuran (132-64-9)	U		1,740	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		1,740	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		1,740	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		1,740	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		1,740	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		1,740	"	"	"
2,4-Dichlorophenol (120-83-2)	U		1,740	"	"	"
Diethyl phthalate (84-66-2)	U		1,740	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1,740	"	"	"
Dimethyl phthalate (131-11-3)	U		1,740	"	"	"
2,4-Dinitrophenol (51-28-5)	U		6,970	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1,740	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1,740	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		6,970	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1,740	"	"	"
Di-n-octyl phthalate (117-84-0)	U		1,740	"	"	"
Fluoranthene (206-44-0)	U		697	"	"	"
Fluorene (86-73-7)	U		697	"	"	"
Hexachlorobenzene (118-74-1)	U		1,740	"	"	"
Hexachlorobutadiene (87-68-3)	U		1,740	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		1,740	"	"	"
Hexachloroethane (67-72-1)	U		1,740	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		1,740	"	"	"
Isophorone (78-59-1)	U		1,740	"	"	"
2-Methylnaphthalene (91-57-6)	U		697	"	"	"
2-Methylphenol (95-48-7)	U		1,740	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		1,740	"	"	"
Naphthalene (91-20-3)	U		697	"	"	"
2-Nitroaniline (88-74-4)	U		2,790	"	"	"
3-Nitroaniline (99-09-2)	U		2,790	"	"	"
4-Nitroaniline (100-01-6)	U		2,790	"	"	"
Nitrobenzene (98-95-3)	U		1,740	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-10 **Station ID: DD-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.084g
%Solids: 28.47

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		1,740	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		4,530	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		1,740	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		1,740	"	"	"
Pentachlorophenol (87-86-5)	U		1,740	"	"	"
Phenanthrene (85-01-8)	U		697	"	"	"
Phenol (108-95-2)	U		1,740	"	"	"
Pyrene (129-00-0)	U		697	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		1,740	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		1,740	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		1,740	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-10RE1 **Station ID: DD-03-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.099g
%Solids: 28.47

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	36.0		41.4 #	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	48.6		55.9	51-103	"	"
Terphenyl-d14	63.4		72.9	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		34.8	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		34.8	"	"	"
Anthracene (120-12-7)	U		34.8	"	"	"
Benzo (a) anthracene (56-55-3)	**36.2**	**J**	34.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		34.8	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**63.9**	**J**	34.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**43.0**	**J**	34.8	"	"	"
Chrysene (218-01-9)	**155**	**J**	34.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		34.8	"	"	"
Fluoranthene (206-44-0)	U		34.8	"	"	"
Fluorene (86-73-7)	U		34.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		34.8	"	"	"
2-Methylnaphthalene (91-57-6)	U	RL	69.6	"	"	"
Naphthalene (91-20-3)	U	RL	69.6	"	"	"
Phenanthrene (85-01-8)	U		34.8	"	"	"
Pyrene (129-00-0)	**83.0**	**J**	34.8	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-11 **Station ID: DD-04-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	178		71.3	39-109	08/17/12	08/22/12
Phenol-d5	177		70.9	41-107	"	"
2-Chlorophenol-d4	185		74.0	45-104	"	"
1,2-Dichlorobenzene-d4	109		65.4	34-100	"	"
Nitrobenzene-d5	125		75.0	41-128	"	"
2-Fluorobiphenyl	133		79.5	46-108	"	"
2,4,6-Tribromophenol	307		123	51-143	"	"
Terphenyl-d14	192		115	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-11 **Station ID: DD-04-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-11 **Station ID: DD-04-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-12 **Station ID: DD-04-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.158g
%Solids: 73.09

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	5,170		51.2	38-101	08/23/12	08/25/12
Phenol-d5	7,350		72.8	42-105	"	"
2-Chlorophenol-d4	6,080		60.2	40-100	"	"
1,2-Dichlorobenzene-d4	2,840		42.2	37-100	"	"
Nitrobenzene-d5	3,870		57.5	42-108	"	"
2-Fluorobiphenyl	6,140		91.2	51-103	"	"
2,4,6-Tribromophenol	12,100		120 #	55-115	"	"
Terphenyl-d14	5,420		80.5	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		269	1	08/23/12	08/25/12
Acenaphthylene (208-96-8)	U		269	"	"	"
Acetophenone (98-86-2)	U		673	"	"	"
Anthracene (120-12-7)	U		269	"	"	"
Atrazine (1912-24-9)	U		673	"	"	"
Benzaldehyde (100-52-7)	U		673	"	"	"
Benzoic acid (65-85-0)	U		1,350	"	"	"
Benzo (a) anthracene (56-55-3)	U		673	"	"	"
Benzo (a) pyrene (50-32-8)	U		673	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		673	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		673	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		673	"	"	"
Benzyl alcohol (100-51-6)	U		673	"	"	"
1,1'-Biphenyl (92-52-4)	U		673	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		673	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		673	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		673	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		673	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		673	"	"	"
Butyl benzyl phthalate (85-68-7)	U		673	"	"	"
Carbazole (86-74-8)	U		673	"	"	"
Caprolactam (105-60-2)	U		673	"	"	"
4-Chloroaniline (106-47-8)	U		673	"	"	"
2-Chloronaphthalene (91-58-7)	U		673	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-12 **Station ID: DD-04-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.158g
%Solids: 73.09

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		673	1	08/23/12	08/25/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		673	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		673	"	"	"
Chrysene (218-01-9)	U		673	"	"	"
Dibenzofuran (132-64-9)	U		673	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		673	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		673	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		673	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		673	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		673	"	"	"
2,4-Dichlorophenol (120-83-2)	U		673	"	"	"
Diethyl phthalate (84-66-2)	U		673	"	"	"
2,4-Dimethylphenol (105-67-9)	U		673	"	"	"
Dimethyl phthalate (131-11-3)	U		673	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,690	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		673	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		673	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,690	"	"	"
Di-n-butyl phthalate (84-74-2)	U		673	"	"	"
Di-n-octyl phthalate (117-84-0)	U		673	"	"	"
Fluoranthene (206-44-0)	U		269	"	"	"
Fluorene (86-73-7)	U		269	"	"	"
Hexachlorobenzene (118-74-1)	U		673	"	"	"
Hexachlorobutadiene (87-68-3)	U		673	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		673	"	"	"
Hexachloroethane (67-72-1)	U		673	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		673	"	"	"
Isophorone (78-59-1)	U		673	"	"	"
2-Methylnaphthalene (91-57-6)	U		269	"	"	"
2-Methylphenol (95-48-7)	U		673	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		673	"	"	"
Naphthalene (91-20-3)	U		269	"	"	"
2-Nitroaniline (88-74-4)	U		1,080	"	"	"
3-Nitroaniline (99-09-2)	U		1,080	"	"	"
4-Nitroaniline (100-01-6)	U		1,080	"	"	"
Nitrobenzene (98-95-3)	U		673	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-12 **Station ID: DD-04-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.158g
%Solids: 73.09

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		673	1	08/23/12	08/25/12
4-Nitrophenol (100-02-7)	U		1,750	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		673	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		673	"	"	"
Pentachlorophenol (87-86-5)	U		673	"	"	"
Phenanthrene (85-01-8)	U		269	"	"	"
Phenol (108-95-2)	U		673	"	"	"
Pyrene (129-00-0)	U		269	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		673	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		673	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		673	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-12RE1 **Station ID: DD-04-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.156g
%Solids: 73.09

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	14.9		44.4	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	23.4		69.4	51-103	"	"
Terphenyl-d14	24.8		73.6	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		13.5	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		13.5	"	"	"
Anthracene (120-12-7)	U		13.5	"	"	"
Benzo (a) anthracene (56-55-3)	**25.9**	**J**	13.5	"	"	"
Benzo (a) pyrene (50-32-8)	**35.2**	**J**	13.5	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**44.3**	**J**	13.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**45.6**	**J**	13.5	"	"	"
Chrysene (218-01-9)	**101**	**J**	13.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		13.5	"	"	"
Fluoranthene (206-44-0)	**38.6**	**J**	13.5	"	"	"
Fluorene (86-73-7)	U		13.5	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**15.3**	**J**	13.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		13.5	"	"	"
Naphthalene (91-20-3)	U		13.5	"	"	"
Phenanthrene (85-01-8)	**39.1**	**J**	13.5	"	"	"
Pyrene (129-00-0)	**62.5**	**J**	13.5	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-13 **Station ID: PPE-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1053ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	46.2		64.9	39-109	08/17/12	08/22/12
Phenol-d5	45.6		64.1	41-107	"	"
2-Chlorophenol-d4	48.3		67.8	45-104	"	"
1,2-Dichlorobenzene-d4	26.2		55.1	34-100	"	"
Nitrobenzene-d5	33.5		70.6	41-128	"	"
2-Fluorobiphenyl	32.5		68.5	46-108	"	"
2,4,6-Tribromophenol	72.9		102	51-143	"	"
Terphenyl-d14	43.6		91.7	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.7	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.7	"	"	"
Benzaldehyde (100-52-7)	U		4.7	"	"	"
Benzoic acid (65-85-0)	U		9.5	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.7	"	"	"
Benzyl alcohol (100-51-6)	U		4.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.7	"	"	"
Carbazole (86-74-8)	U		4.7	"	"	"
Caprolactam (105-60-2)	U		4.7	"	"	"
4-Chloroaniline (106-47-8)	U		4.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-13 **Station ID: PPE-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1053ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.7	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.7	"	"	"
Chrysene (218-01-9)	U		4.7	"	"	"
Dibenzofuran (132-64-9)	U		4.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.7	"	"	"
Diethyl phthalate (84-66-2)	U		4.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.7	"	"	"
Dimethyl phthalate (131-11-3)	U		4.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.0	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.0	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.7	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.7	"	"	"
Hexachloroethane (67-72-1)	U		4.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.7	"	"	"
Isophorone (78-59-1)	U		4.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.7	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.6	"	"	"
3-Nitroaniline (99-09-2)	U		7.6	"	"	"
4-Nitroaniline (100-01-6)	U		7.6	"	"	"
Nitrobenzene (98-95-3)	U		4.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-13 **Station ID: PPE-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1053ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.7	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.7	"	"	"
Pentachlorophenol (87-86-5)	U		4.7	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.7	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-14 **Station ID: PPE-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.165g
%Solids: 74.66

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	4,850		49.1	38-101	08/23/12	08/24/12
Phenol-d5	5,910		59.8	42-105	"	"
2-Chlorophenol-d4	4,880		49.4	40-100	"	"
1,2-Dichlorobenzene-d4	2,640		40.0	37-100	"	"
Nitrobenzene-d5	3,210		48.7	42-108	"	"
2-Fluorobiphenyl	4,250		64.6	51-103	"	"
2,4,6-Tribromophenol	8,800		89.0	55-115	"	"
Terphenyl-d14	5,900		89.5	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		264	1	08/23/12	08/24/12
Acenaphthylene (208-96-8)	U		264	"	"	"
Acetophenone (98-86-2)	U		659	"	"	"
Anthracene (120-12-7)	U		264	"	"	"
Atrazine (1912-24-9)	U		659	"	"	"
Benzaldehyde (100-52-7)	U		659	"	"	"
Benzoic acid (65-85-0)	U		1,320	"	"	"
Benzo (a) anthracene (56-55-3)	U		659	"	"	"
Benzo (a) pyrene (50-32-8)	U		659	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		659	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		659	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		659	"	"	"
Benzyl alcohol (100-51-6)	U		659	"	"	"
1,1'-Biphenyl (92-52-4)	U		659	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		659	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		659	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		659	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		659	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		659	"	"	"
Butyl benzyl phthalate (85-68-7)	U		659	"	"	"
Carbazole (86-74-8)	U		659	"	"	"
Caprolactam (105-60-2)	U		659	"	"	"
4-Chloroaniline (106-47-8)	U		659	"	"	"
2-Chloronaphthalene (91-58-7)	U		659	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-14 **Station ID: PPE-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.165g
%Solids: 74.66

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		659	1	08/23/12	08/24/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		659	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		659	"	"	"
Chrysene (218-01-9)	U		659	"	"	"
Dibenzofuran (132-64-9)	U		659	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		659	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		659	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		659	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		659	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		659	"	"	"
2,4-Dichlorophenol (120-83-2)	U		659	"	"	"
Diethyl phthalate (84-66-2)	U		659	"	"	"
2,4-Dimethylphenol (105-67-9)	U		659	"	"	"
Dimethyl phthalate (131-11-3)	U		659	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,640	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		659	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		659	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,640	"	"	"
Di-n-butyl phthalate (84-74-2)	U		659	"	"	"
Di-n-octyl phthalate (117-84-0)	U		659	"	"	"
Fluoranthene (206-44-0)	U		264	"	"	"
Fluorene (86-73-7)	U		264	"	"	"
Hexachlorobenzene (118-74-1)	U		659	"	"	"
Hexachlorobutadiene (87-68-3)	U		659	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		659	"	"	"
Hexachloroethane (67-72-1)	U		659	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		659	"	"	"
Isophorone (78-59-1)	U		659	"	"	"
2-Methylnaphthalene (91-57-6)	U		264	"	"	"
2-Methylphenol (95-48-7)	U		659	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		659	"	"	"
Naphthalene (91-20-3)	U		264	"	"	"
2-Nitroaniline (88-74-4)	U		1,050	"	"	"
3-Nitroaniline (99-09-2)	U		1,050	"	"	"
4-Nitroaniline (100-01-6)	U		1,050	"	"	"
Nitrobenzene (98-95-3)	U		659	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-14 **Station ID: PPE-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.165g
%Solids: 74.66

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		659	1	08/23/12	08/24/12
4-Nitrophenol (100-02-7)	U		1,710	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		659	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		659	"	"	"
Pentachlorophenol (87-86-5)	U		659	"	"	"
Phenanthrene (85-01-8)	U		264	"	"	"
Phenol (108-95-2)	U		659	"	"	"
Pyrene (129-00-0)	U		264	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		659	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		659	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		659	"	"	"

WD

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-15 **Station ID: SED-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 3.138g
%Solids: 63.12

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	19,500		51.6	38-101	08/23/12	08/28/12
Phenol-d5	23,300		61.4	42-105	"	"
2-Chlorophenol-d4	21,100		55.8	40-100	"	"
1,2-Dichlorobenzene-d4	13,000		51.4	37-100	"	"
Nitrobenzene-d5	15,500		61.4	42-108	"	"
2-Fluorobiphenyl	23,200		92.0	51-103	"	"
2,4,6-Tribromophenol	38,300		101	55-115	"	"
Terphenyl-d14	25,600		101	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1,010	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		1,010	"	"	"
Acetophenone (98-86-2)	U		2,520	"	"	"
Anthracene (120-12-7)	U		1,010	"	"	"
Atrazine (1912-24-9)	U		2,520	"	"	"
Benzaldehyde (100-52-7)	U		2,520	"	"	"
Benzoic acid (65-85-0)	U		5,050	"	"	"
Benzo (a) anthracene (56-55-3)	U		2,520	"	"	"
Benzo (a) pyrene (50-32-8)	U		2,520	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		2,520	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,520	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		2,520	"	"	"
Benzyl alcohol (100-51-6)	U		2,520	"	"	"
1,1'-Biphenyl (92-52-4)	U		2,520	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		2,520	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		2,520	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		2,520	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		2,520	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		2,520	"	"	"
Butyl benzyl phthalate (85-68-7)	U		2,520	"	"	"
Carbazole (86-74-8)	U		2,520	"	"	"
Caprolactam (105-60-2)	U		2,520	"	"	"
4-Chloroaniline (106-47-8)	U		2,520	"	"	"
2-Chloronaphthalene (91-58-7)	U		2,520	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-15 **Station ID: SED-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 3.138g
%Solids: 63.12

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		2,520	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		2,520	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		2,520	"	"	"
Chrysene (218-01-9)	U		2,520	"	"	"
Dibenzofuran (132-64-9)	U		2,520	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,520	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2,520	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2,520	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2,520	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		2,520	"	"	"
2,4-Dichlorophenol (120-83-2)	U		2,520	"	"	"
Diethyl phthalate (84-66-2)	U		2,520	"	"	"
2,4-Dimethylphenol (105-67-9)	U		2,520	"	"	"
Dimethyl phthalate (131-11-3)	U		2,520	"	"	"
2,4-Dinitrophenol (51-28-5)	U		10,100	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		2,520	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		2,520	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		10,100	"	"	"
Di-n-butyl phthalate (84-74-2)	U		2,520	"	"	"
Di-n-octyl phthalate (117-84-0)	U		2,520	"	"	"
Fluoranthene (206-44-0)	**1,030**	**NJ**	1,010	"	"	"
Fluorene (86-73-7)	**1,600**		1,010	"	"	"
Hexachlorobenzene (118-74-1)	U		2,520	"	"	"
Hexachlorobutadiene (87-68-3)	U		2,520	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		2,520	"	"	"
Hexachloroethane (67-72-1)	U		2,520	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,520	"	"	"
Isophorone (78-59-1)	U		2,520	"	"	"
2-Methylnaphthalene (91-57-6)	U		1,010	"	"	"
2-Methylphenol (95-48-7)	U		2,520	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		2,520	"	"	"
Naphthalene (91-20-3)	U		1,010	"	"	"
2-Nitroaniline (88-74-4)	U		4,040	"	"	"
3-Nitroaniline (99-09-2)	U		4,040	"	"	"
4-Nitroaniline (100-01-6)	U		4,040	"	"	"
Nitrobenzene (98-95-3)	U		2,520	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-15 **Station ID: SED-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 3.138g
%Solids: 63.12

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		2,520	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		6,560	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		2,520	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		2,520	"	"	"
Pentachlorophenol (87-86-5)	U		2,520	"	"	"
Phenanthrene (85-01-8)	**2,470**		1,010	"	"	"
Phenol (108-95-2)	U		2,520	"	"	"
Pyrene (129-00-0)	**2,520**		1,010	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		2,520	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		2,520	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		2,520	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-15RE1 **Station ID: SED-02-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 1.183g
%Solids: 63.12

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	124		37.0 #	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	229		68.3	51-103	"	"
Terphenyl-d14	222		66.3	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**706**	**J**	134	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	**386**	**J**	134	"	"	"
Anthracene (120-12-7)	**530**	**J**	134	"	"	"
Benzo (a) anthracene (56-55-3)	**1,010**	**J**	134	"	"	"
Benzo (a) pyrene (50-32-8)	**433**	**J**	134	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**422**	**J**	134	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**368**	**J**	134	"	"	"
Chrysene (218-01-9)	**1,800**	**J**	134	"	"	"
Dibenz (a,h) anthracene (53-70-3)	**160**	**J**	134	"	"	"
Fluoranthene (206-44-0)	**567**	**J**	134	"	"	"
Fluorene (86-73-7)	**1,540**	**J**	134	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**134**	**J**	134	"	"	"
2-Methylnaphthalene (91-57-6)	**215**	**J**	134	"	"	"
Naphthalene (91-20-3)	U	RL	402	"	"	"
Phenanthrene (85-01-8)	**1,530**	**J**	134	"	"	"
Pyrene (129-00-0)	**2,020**	**J**	134	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-16 **Station ID: SW-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	173		69.1	39-109	08/17/12	08/22/12
Phenol-d5	178		71.3	41-107	"	"
2-Chlorophenol-d4	179		71.4	45-104	"	"
1,2-Dichlorobenzene-d4	96.7		58.0	34-100	"	"
Nitrobenzene-d5	121		72.4	41-128	"	"
2-Fluorobiphenyl	126		75.9	46-108	"	"
2,4,6-Tribromophenol	281		112	51-143	"	"
Terphenyl-d14	164		98.6	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-16 **Station ID: SW-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-16 **Station ID: SW-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-17 **Station ID: SED-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.189g
%Solids: 76.06

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	5,960		61.6	38-101	08/23/12	08/28/12
Phenol-d5	6,890		71.2	42-105	"	"
2-Chlorophenol-d4	6,140		63.4	40-100	"	"
1,2-Dichlorobenzene-d4	3,400		52.6	37-100	"	"
Nitrobenzene-d5	4,180		64.7	42-108	"	"
2-Fluorobiphenyl	5,580		86.4	51-103	"	"
2,4,6-Tribromophenol	10,500		108	55-115	"	"
Terphenyl-d14	6,300		97.6	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		258	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		258	"	"	"
Acetophenone (98-86-2)	U		645	"	"	"
Anthracene (120-12-7)	U		258	"	"	"
Atrazine (1912-24-9)	U		645	"	"	"
Benzaldehyde (100-52-7)	U		645	"	"	"
Benzoic acid (65-85-0)	U		1,290	"	"	"
Benzo (a) anthracene (56-55-3)	U		645	"	"	"
Benzo (a) pyrene (50-32-8)	U		645	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		645	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		645	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		645	"	"	"
Benzyl alcohol (100-51-6)	U		645	"	"	"
1,1'-Biphenyl (92-52-4)	U		645	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		645	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		645	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		645	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		645	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		645	"	"	"
Butyl benzyl phthalate (85-68-7)	U		645	"	"	"
Carbazole (86-74-8)	U		645	"	"	"
Caprolactam (105-60-2)	U		645	"	"	"
4-Chloroaniline (106-47-8)	U		645	"	"	"
2-Chloronaphthalene (91-58-7)	U		645	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-17 **Station ID: SED-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.189g
%Solids: 76.06

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		645	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		645	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		645	"	"	"
Chrysene (218-01-9)	U		645	"	"	"
Dibenzofuran (132-64-9)	U		645	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		645	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		645	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		645	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		645	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		645	"	"	"
2,4-Dichlorophenol (120-83-2)	U		645	"	"	"
Diethyl phthalate (84-66-2)	U		645	"	"	"
2,4-Dimethylphenol (105-67-9)	U		645	"	"	"
Dimethyl phthalate (131-11-3)	U		645	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,580	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		645	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		645	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,580	"	"	"
Di-n-butyl phthalate (84-74-2)	U		645	"	"	"
Di-n-octyl phthalate (117-84-0)	U		645	"	"	"
Fluoranthene (206-44-0)	U		258	"	"	"
Fluorene (86-73-7)	U		258	"	"	"
Hexachlorobenzene (118-74-1)	U		645	"	"	"
Hexachlorobutadiene (87-68-3)	U		645	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		645	"	"	"
Hexachloroethane (67-72-1)	U		645	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		645	"	"	"
Isophorone (78-59-1)	U		645	"	"	"
2-Methylnaphthalene (91-57-6)	U		258	"	"	"
2-Methylphenol (95-48-7)	U		645	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		645	"	"	"
Naphthalene (91-20-3)	U		258	"	"	"
2-Nitroaniline (88-74-4)	U		1,030	"	"	"
3-Nitroaniline (99-09-2)	U		1,030	"	"	"
4-Nitroaniline (100-01-6)	U		1,030	"	"	"
Nitrobenzene (98-95-3)	U		645	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-17 **Station ID: SED-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.189g
%Solids: 76.06

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		645	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		1,680	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		645	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		645	"	"	"
Pentachlorophenol (87-86-5)	U		645	"	"	"
Phenanthrene (85-01-8)	U		258	"	"	"
Phenol (108-95-2)	U		645	"	"	"
Pyrene (129-00-0)	U		258	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		645	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		645	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		645	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208009-17RE1 **Station ID: SED-03-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 8.368g
%Solids: 76.06

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	20.2		51.5	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	29.2		74.4	51-103	"	"
Terphenyl-d14	31.1		79.1	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		15.7	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		15.7	"	"	"
Anthracene (120-12-7)	**26.4**	**J**	15.7	"	"	"
Benzo (a) anthracene (56-55-3)	**110**	**J**	15.7	"	"	"
Benzo (a) pyrene (50-32-8)	**90.1**	**J**	15.7	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**147**	**J**	15.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**104**	**J**	15.7	"	"	"
Chrysene (218-01-9)	**476**	**J**	15.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	**25.8**	**J**	15.7	"	"	"
Fluoranthene (206-44-0)	**23.1**	**J**	15.7	"	"	"
Fluorene (86-73-7)	U		15.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**32.5**	**J**	15.7	"	"	"
2-Methylnaphthalene (91-57-6)	**52.8**	**J**	15.7	"	"	"
Naphthalene (91-20-3)	**56.4**	**J**	15.7	"	"	"
Phenanthrene (85-01-8)	**48.9**	**J**	15.7	"	"	"
Pyrene (129-00-0)	**283**	**J**	15.7	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-18 **Station ID: SW-03-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	188		75.2	39-109	08/17/12	08/22/12
Phenol-d5	197		78.6	41-107	"	"
2-Chlorophenol-d4	192		76.9	45-104	"	"
1,2-Dichlorobenzene-d4	93.1		55.8	34-100	"	"
Nitrobenzene-d5	127		76.0	41-128	"	"
2-Fluorobiphenyl	131		78.5	46-108	"	"
2,4,6-Tribromophenol	295		118	51-143	"	"
Terphenyl-d14	177		106	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-18 **Station ID: SW-03-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208009-18 **Station ID: SW-03-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208011-02 **Station ID: SW-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1041ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	50.2		69.6	39-109	08/17/12	08/22/12
Phenol-d5	53.6		74.4	41-107	"	"
2-Chlorophenol-d4	53.1		73.8	45-104	"	"
1,2-Dichlorobenzene-d4	28.6		59.5	34-100	"	"
Nitrobenzene-d5	35.8		74.6	41-128	"	"
2-Fluorobiphenyl	36.5		75.9	46-108	"	"
2,4,6-Tribromophenol	78.8		109	51-143	"	"
Terphenyl-d14	45.8		95.4	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.8	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.8	"	"	"
Benzaldehyde (100-52-7)	U		4.8	"	"	"
Benzoic acid (65-85-0)	U		9.6	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.8	"	"	"
Benzyl alcohol (100-51-6)	U		4.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.8	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		4.8	"	"	"
Caprolactam (105-60-2)	U		4.8	"	"	"
4-Chloroaniline (106-47-8)	U		4.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208011-02 **Station ID: SW-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1041ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.8	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.8	"	"	"
Chrysene (218-01-9)	U		4.8	"	"	"
Dibenzofuran (132-64-9)	U		4.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.8	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.8	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.8	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.2	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.8	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.8	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.2	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.8	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.8	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.8	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.8	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.8	"	"	"
Isophorone (78-59-1)	U		4.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.8	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.7	"	"	"
3-Nitroaniline (99-09-2)	U		7.7	"	"	"
4-Nitroaniline (100-01-6)	U		7.7	"	"	"
Nitrobenzene (98-95-3)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208011-02 **Station ID: SW-01-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1041ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.8	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.5	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.8	"	"	"
Pentachlorophenol (87-86-5)	U		4.8	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.8	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.8	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-01 **Station ID: PPE-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1025ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	53.1		72.6	39-109	08/17/12	08/22/12
Phenol-d5	56.3		76.9	41-107	"	"
2-Chlorophenol-d4	55.0		75.2	45-104	"	"
1,2-Dichlorobenzene-d4	30.8		63.2	34-100	"	"
Nitrobenzene-d5	36.6		75.1	41-128	"	"
2-Fluorobiphenyl	39.2		80.4	46-108	"	"
2,4,6-Tribromophenol	87.9		120	51-143	"	"
Terphenyl-d14	49.3		101	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		2.0	1	08/17/12	08/22/12
Acenaphthylene (208-96-8)	U		2.0	"	"	"
Acetophenone (98-86-2)	U		4.9	"	"	"
Anthracene (120-12-7)	U		2.0	"	"	"
Atrazine (1912-24-9)	U		4.9	"	"	"
Benzaldehyde (100-52-7)	U		4.9	"	"	"
Benzoic acid (65-85-0)	U		9.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.9	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.9	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.9	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.9	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.9	"	"	"
Benzyl alcohol (100-51-6)	U		4.9	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.9	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.9	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.9	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.9	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.9	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.9	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.9	"	"	"
Carbazole (86-74-8)	U		4.9	"	"	"
Caprolactam (105-60-2)	U		4.9	"	"	"
4-Chloroaniline (106-47-8)	U		4.9	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.9	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-01 **Station ID: PPE-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1025ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.9	1	08/17/12	08/22/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.9	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.9	"	"	"
Chrysene (218-01-9)	U		4.9	"	"	"
Dibenzofuran (132-64-9)	U		4.9	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.9	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.9	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.9	"	"	"
Diethyl phthalate (84-66-2)	U		4.9	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.9	"	"	"
Dimethyl phthalate (131-11-3)	U		4.9	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.5	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.9	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.9	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.5	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.9	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.9	"	"	"
Fluoranthene (206-44-0)	U		2.0	"	"	"
Fluorene (86-73-7)	U		2.0	"	"	"
Hexachlorobenzene (118-74-1)	U		4.9	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.9	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.9	"	"	"
Hexachloroethane (67-72-1)	U		4.9	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.9	"	"	"
Isophorone (78-59-1)	U		4.9	"	"	"
2-Methylnaphthalene (91-57-6)	U		2.0	"	"	"
2-Methylphenol (95-48-7)	U		4.9	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.9	"	"	"
Naphthalene (91-20-3)	U		2.0	"	"	"
2-Nitroaniline (88-74-4)	U		7.8	"	"	"
3-Nitroaniline (99-09-2)	U		7.8	"	"	"
4-Nitroaniline (100-01-6)	U		7.8	"	"	"
Nitrobenzene (98-95-3)	U		4.9	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-01 **Station ID: PPE-02-00-11-120814**

Batch: B2H1606 Date Collected: 08/14/12
Sample Type: Liquid Sample Vol: 1025ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.9	1	08/17/12	08/22/12
4-Nitrophenol (100-02-7)	U		12.7	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.9	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.9	"	"	"
Pentachlorophenol (87-86-5)	U		4.9	"	"	"
Phenanthrene (85-01-8)	U		2.0	"	"	"
Phenol (108-95-2)	U		4.9	"	"	"
Pyrene (129-00-0)	U		2.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.9	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.9	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.9	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-02 **Station ID: PPE-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.22g
%Solids: 68.04

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	5,690		52.8	38-101	08/23/12	08/27/12
Phenol-d5	7,520		69.7	42-105	"	"
2-Chlorophenol-d4	6,350		58.8	40-100	"	"
1,2-Dichlorobenzene-d4	3,140		43.7	37-100	"	"
Nitrobenzene-d5	4,190		58.3	42-108	"	"
2-Fluorobiphenyl	6,260		87.1	51-103	"	"
2,4,6-Tribromophenol	11,800		110	55-115	"	"
Terphenyl-d14	6,390		88.9	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		288	1	08/23/12	08/27/12
Acenaphthylene (208-96-8)	U		288	"	"	"
Acetophenone (98-86-2)	U		719	"	"	"
Anthracene (120-12-7)	U		288	"	"	"
Atrazine (1912-24-9)	U		719	"	"	"
Benzaldehyde (100-52-7)	U		719	"	"	"
Benzoic acid (65-85-0)	U		1,440	"	"	"
Benzo (a) anthracene (56-55-3)	U		719	"	"	"
Benzo (a) pyrene (50-32-8)	U		719	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		719	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		719	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		719	"	"	"
Benzyl alcohol (100-51-6)	U		719	"	"	"
1,1'-Biphenyl (92-52-4)	U		719	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		719	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		719	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		719	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		719	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		719	"	"	"
Butyl benzyl phthalate (85-68-7)	U		719	"	"	"
Carbazole (86-74-8)	U		719	"	"	"
Caprolactam (105-60-2)	U		719	"	"	"
4-Chloroaniline (106-47-8)	U		719	"	"	"
2-Chloronaphthalene (91-58-7)	U		719	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-02 **Station ID: PPE-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.22g
%Solids: 68.04

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		719	1	08/23/12	08/27/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		719	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		719	"	"	"
Chrysene (218-01-9)	U		719	"	"	"
Dibenzofuran (132-64-9)	U		719	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		719	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		719	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		719	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		719	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		719	"	"	"
2,4-Dichlorophenol (120-83-2)	U		719	"	"	"
Diethyl phthalate (84-66-2)	U		719	"	"	"
2,4-Dimethylphenol (105-67-9)	U		719	"	"	"
Dimethyl phthalate (131-11-3)	U		719	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,880	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		719	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		719	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,880	"	"	"
Di-n-butyl phthalate (84-74-2)	U		719	"	"	"
Di-n-octyl phthalate (117-84-0)	U		719	"	"	"
Fluoranthene (206-44-0)	U		288	"	"	"
Fluorene (86-73-7)	U		288	"	"	"
Hexachlorobenzene (118-74-1)	U		719	"	"	"
Hexachlorobutadiene (87-68-3)	U		719	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		719	"	"	"
Hexachloroethane (67-72-1)	U		719	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		719	"	"	"
Isophorone (78-59-1)	U		719	"	"	"
2-Methylnaphthalene (91-57-6)	U		288	"	"	"
2-Methylphenol (95-48-7)	U		719	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		719	"	"	"
Naphthalene (91-20-3)	U		288	"	"	"
2-Nitroaniline (88-74-4)	U		1,150	"	"	"
3-Nitroaniline (99-09-2)	U		1,150	"	"	"
4-Nitroaniline (100-01-6)	U		1,150	"	"	"
Nitrobenzene (98-95-3)	U		719	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-02 **Station ID: PPE-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 10.22g
%Solids: 68.04

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		719	1	08/23/12	08/27/12
4-Nitrophenol (100-02-7)	U		1,870	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		719	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		719	"	"	"
Pentachlorophenol (87-86-5)	U		719	"	"	"
Phenanthrene (85-01-8)	U		288	"	"	"
Phenol (108-95-2)	U		719	"	"	"
Pyrene (129-00-0)	U		288	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		719	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		719	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		719	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-02RE1 **Station ID: PPE-02-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/14/12
Sample Wt: 6.031g
%Solids: 68.04

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	32.7		53.7	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	44.0		72.2	51-103	"	"
Terphenyl-d14	43.7		71.7	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		24.4	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		24.4	"	"	"
Anthracene (120-12-7)	**24.9**	**J**	24.4	"	"	"
Benzo (a) anthracene (56-55-3)	**97.5**	**J**	24.4	"	"	"
Benzo (a) pyrene (50-32-8)	**44.0**	**J**	24.4	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**54.9**	**J**	24.4	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**41.7**	**J**	24.4	"	"	"
Chrysene (218-01-9)	**228**	**J**	24.4	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		24.4	"	"	"
Fluoranthene (206-44-0)	**38.1**	**J**	24.4	"	"	"
Fluorene (86-73-7)	U		24.4	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		24.4	"	"	"
2-Methylnaphthalene (91-57-6)	**31.9**	**J**	24.4	"	"	"
Naphthalene (91-20-3)	**26.7**	**J**	24.4	"	"	"
Phenanthrene (85-01-8)	**40.2**	**J**	24.4	"	"	"
Pyrene (129-00-0)	**225**	**J**	24.4	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-03 **Station ID: OP-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.314g
%Solids: 78.93

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	4,770		51.8	38-101	08/23/12	08/28/12
Phenol-d5	5,740		62.3	42-105	"	"
2-Chlorophenol-d4	4,950		53.7	40-100	"	"
1,2-Dichlorobenzene-d4	2,380		38.7	37-100	"	"
Nitrobenzene-d5	3,240		52.7	42-108	"	"
2-Fluorobiphenyl	5,060		82.4	51-103	"	"
2,4,6-Tribromophenol	9,390		102	55-115	"	"
Terphenyl-d14	5,190		84.6	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		246	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		246	"	"	"
Acetophenone (98-86-2)	U		614	"	"	"
Anthracene (120-12-7)	U		246	"	"	"
Atrazine (1912-24-9)	U		614	"	"	"
Benzaldehyde (100-52-7)	U		614	"	"	"
Benzoic acid (65-85-0)	U		1,230	"	"	"
Benzo (a) anthracene (56-55-3)	U		614	"	"	"
Benzo (a) pyrene (50-32-8)	U		614	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		614	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		614	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		614	"	"	"
Benzyl alcohol (100-51-6)	U		614	"	"	"
1,1'-Biphenyl (92-52-4)	U		614	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		614	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		614	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		614	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		614	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		614	"	"	"
Butyl benzyl phthalate (85-68-7)	U		614	"	"	"
Carbazole (86-74-8)	U		614	"	"	"
Caprolactam (105-60-2)	U		614	"	"	"
4-Chloroaniline (106-47-8)	U		614	"	"	"
2-Chloronaphthalene (91-58-7)	U		614	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-03 **Station ID: OP-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.314g
%Solids: 78.93

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		614	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		614	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		614	"	"	"
Chrysene (218-01-9)	U		614	"	"	"
Dibenzofuran (132-64-9)	U		614	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		614	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		614	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		614	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		614	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		614	"	"	"
2,4-Dichlorophenol (120-83-2)	U		614	"	"	"
Diethyl phthalate (84-66-2)	U		614	"	"	"
2,4-Dimethylphenol (105-67-9)	U		614	"	"	"
Dimethyl phthalate (131-11-3)	U		614	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,460	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		614	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		614	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,460	"	"	"
Di-n-butyl phthalate (84-74-2)	U		614	"	"	"
Di-n-octyl phthalate (117-84-0)	U		614	"	"	"
Fluoranthene (206-44-0)	U		246	"	"	"
Fluorene (86-73-7)	U		246	"	"	"
Hexachlorobenzene (118-74-1)	U		614	"	"	"
Hexachlorobutadiene (87-68-3)	U		614	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		614	"	"	"
Hexachloroethane (67-72-1)	U		614	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		614	"	"	"
Isophorone (78-59-1)	U		614	"	"	"
2-Methylnaphthalene (91-57-6)	U		246	"	"	"
2-Methylphenol (95-48-7)	U		614	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		614	"	"	"
Naphthalene (91-20-3)	U		246	"	"	"
2-Nitroaniline (88-74-4)	U		983	"	"	"
3-Nitroaniline (99-09-2)	U		983	"	"	"
4-Nitroaniline (100-01-6)	U		983	"	"	"
Nitrobenzene (98-95-3)	U		614	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-03 **Station ID: OP-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.314g
%Solids: 78.93

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		614	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		1,600	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		614	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		614	"	"	"
Pentachlorophenol (87-86-5)	U		614	"	"	"
Phenanthrene (85-01-8)	U		246	"	"	"
Phenol (108-95-2)	U		614	"	"	"
Pyrene (129-00-0)	U		246	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		614	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		614	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		614	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-03RE1 **Station ID: OP-01-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.427g
%Solids: 78.93

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	15.8		52.2	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	21.3		70.2	51-103	"	"
Terphenyl-d14	20.1		66.0	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		12.2	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		12.2	"	"	"
Anthracene (120-12-7)	U		12.2	"	"	"
Benzo (a) anthracene (56-55-3)	**19.4**	**J**	12.2	"	"	"
Benzo (a) pyrene (50-32-8)	**26.1**	**J**	12.2	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**72.4**	**J**	12.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**25.3**	**J**	12.2	"	"	"
Chrysene (218-01-9)	**122**	**J**	12.2	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		12.2	"	"	"
Fluoranthene (206-44-0)	**15.1**	**J**	12.2	"	"	"
Fluorene (86-73-7)	U		12.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**14.8**	**J**	12.2	"	"	"
2-Methylnaphthalene (91-57-6)	**14.1**	**J**	12.2	"	"	"
Naphthalene (91-20-3)	U		12.2	"	"	"
Phenanthrene (85-01-8)	**24.2**	**J**	12.2	"	"	"
Pyrene (129-00-0)	**36.5**	**J**	12.2	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-04 **Station ID: RD-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.17g
%Solids: 81.86

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	4,530		50.3	38-101	08/23/12	08/28/12
Phenol-d5	5,180		57.5	42-105	"	"
2-Chlorophenol-d4	4,450		49.4	40-100	"	"
1,2-Dichlorobenzene-d4	2,180		36.2 #	37-100	"	"
Nitrobenzene-d5	2,750		45.7	42-108	"	"
2-Fluorobiphenyl	4,460		74.2	51-103	"	"
2,4,6-Tribromophenol	9,360		104	55-115	"	"
Terphenyl-d14	5,090		84.7	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		240	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		240	"	"	"
Acetophenone (98-86-2)	U		601	"	"	"
Anthracene (120-12-7)	U		240	"	"	"
Atrazine (1912-24-9)	U		601	"	"	"
Benzaldehyde (100-52-7)	U		601	"	"	"
Benzoic acid (65-85-0)	U		1,200	"	"	"
Benzo (a) anthracene (56-55-3)	U		601	"	"	"
Benzo (a) pyrene (50-32-8)	U		601	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		601	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		601	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		601	"	"	"
Benzyl alcohol (100-51-6)	U		601	"	"	"
1,1'-Biphenyl (92-52-4)	U		601	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		601	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		601	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		601	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		601	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		601	"	"	"
Butyl benzyl phthalate (85-68-7)	U		601	"	"	"
Carbazole (86-74-8)	U		601	"	"	"
Caprolactam (105-60-2)	U		601	"	"	"
4-Chloroaniline (106-47-8)	U		601	"	"	"
2-Chloronaphthalene (91-58-7)	U		601	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-04 **Station ID: RD-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.17g
%Solids: 81.86

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		601	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		601	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		601	"	"	"
Chrysene (218-01-9)	U		601	"	"	"
Dibenzofuran (132-64-9)	U		601	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		601	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	RL	1,800	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	RL	1,800	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	RL	1,800	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		601	"	"	"
2,4-Dichlorophenol (120-83-2)	U		601	"	"	"
Diethyl phthalate (84-66-2)	U		601	"	"	"
2,4-Dimethylphenol (105-67-9)	U		601	"	"	"
Dimethyl phthalate (131-11-3)	U		601	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,400	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		601	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		601	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,400	"	"	"
Di-n-butyl phthalate (84-74-2)	U		601	"	"	"
Di-n-octyl phthalate (117-84-0)	U		601	"	"	"
Fluoranthene (206-44-0)	U		240	"	"	"
Fluorene (86-73-7)	U		240	"	"	"
Hexachlorobenzene (118-74-1)	U		601	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	1,800	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		601	"	"	"
Hexachloroethane (67-72-1)	U	RL	1,800	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		601	"	"	"
Isophorone (78-59-1)	U		601	"	"	"
2-Methylnaphthalene (91-57-6)	U		240	"	"	"
2-Methylphenol (95-48-7)	U		601	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		601	"	"	"
Naphthalene (91-20-3)	U		240	"	"	"
2-Nitroaniline (88-74-4)	U		961	"	"	"
3-Nitroaniline (99-09-2)	U		961	"	"	"
4-Nitroaniline (100-01-6)	U		961	"	"	"
Nitrobenzene (98-95-3)	U		601	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-04 **Station ID: RD-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.17g
%Solids: 81.86

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		601	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		1,560	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		601	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		601	"	"	"
Pentachlorophenol (87-86-5)	U		601	"	"	"
Phenanthrene (85-01-8)	U		240	"	"	"
Phenol (108-95-2)	U		601	"	"	"
Pyrene (129-00-0)	U		240	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	RL	1,800	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		601	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		601	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-04RE1 **Station ID: RD-01-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.312g
%Solids: 81.86

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	16.3		54.9	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	16.8		56.7	51-103	"	"
Terphenyl-d14	18.2		61.5	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		11.8	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		11.8	"	"	"
Anthracene (120-12-7)	U		11.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		11.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		11.8	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	U		11.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		11.8	"	"	"
Chrysene (218-01-9)	**38.4**	**J**	11.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		11.8	"	"	"
Fluoranthene (206-44-0)	U		11.8	"	"	"
Fluorene (86-73-7)	U		11.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		11.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		11.8	"	"	"
Naphthalene (91-20-3)	U		11.8	"	"	"
Phenanthrene (85-01-8)	U		11.8	"	"	"
Pyrene (129-00-0)	**13.4**	**J**	11.8	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-05 **Station ID: RD-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 1.207g
%Solids: 89.35

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	35,300		50.8	38-101	08/23/12	08/28/12
Phenol-d5	41,600		59.8	42-105	"	"
2-Chlorophenol-d4	37,500		54.0	40-100	"	"
1,2-Dichlorobenzene-d4	20,700		44.7	37-100	"	"
Nitrobenzene-d5	26,700		57.7	42-108	"	"
2-Fluorobiphenyl	39,900		86.1	51-103	"	"
2,4,6-Tribromophenol	65,900		94.8	55-115	"	"
Terphenyl-d14	33,700		72.7	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1,850	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		1,850	"	"	"
Acetophenone (98-86-2)	U		4,640	"	"	"
Anthracene (120-12-7)	U		1,850	"	"	"
Atrazine (1912-24-9)	U		4,640	"	"	"
Benzaldehyde (100-52-7)	U		4,640	"	"	"
Benzoic acid (65-85-0)	U		9,270	"	"	"
Benzo (a) anthracene (56-55-3)	U		4,640	"	"	"
Benzo (a) pyrene (50-32-8)	U		4,640	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4,640	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4,640	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4,640	"	"	"
Benzyl alcohol (100-51-6)	U		4,640	"	"	"
1,1'-Biphenyl (92-52-4)	U		4,640	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4,640	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4,640	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4,640	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4,640	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4,640	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4,640	"	"	"
Carbazole (86-74-8)	U		4,640	"	"	"
Caprolactam (105-60-2)	U		4,640	"	"	"
4-Chloroaniline (106-47-8)	U		4,640	"	"	"
2-Chloronaphthalene (91-58-7)	U		4,640	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-05 **Station ID: RD-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 1.207g
%Solids: 89.35

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4,640	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4,640	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4,640	"	"	"
Chrysene (218-01-9)	U		4,640	"	"	"
Dibenzofuran (132-64-9)	U		4,640	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4,640	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4,640	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4,640	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4,640	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4,640	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4,640	"	"	"
Diethyl phthalate (84-66-2)	U		4,640	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4,640	"	"	"
Dimethyl phthalate (131-11-3)	U		4,640	"	"	"
2,4-Dinitrophenol (51-28-5)	U		18,500	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4,640	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4,640	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		18,500	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4,640	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4,640	"	"	"
Fluoranthene (206-44-0)	U		1,850	"	"	"
Fluorene (86-73-7)	U		1,850	"	"	"
Hexachlorobenzene (118-74-1)	U		4,640	"	"	"
Hexachlorobutadiene (87-68-3)	U		4,640	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4,640	"	"	"
Hexachloroethane (67-72-1)	U		4,640	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4,640	"	"	"
Isophorone (78-59-1)	U		4,640	"	"	"
2-Methylnaphthalene (91-57-6)	U		1,850	"	"	"
2-Methylphenol (95-48-7)	U		4,640	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4,640	"	"	"
Naphthalene (91-20-3)	U		1,850	"	"	"
2-Nitroaniline (88-74-4)	U		7,420	"	"	"
3-Nitroaniline (99-09-2)	U		7,420	"	"	"
4-Nitroaniline (100-01-6)	U		7,420	"	"	"
Nitrobenzene (98-95-3)	U		4,640	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-05 **Station ID: RD-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 1.207g
%Solids: 89.35

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4,640	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		12,100	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4,640	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4,640	"	"	"
Pentachlorophenol (87-86-5)	U		4,640	"	"	"
Phenanthrene (85-01-8)	U		1,850	"	"	"
Phenol (108-95-2)	U		4,640	"	"	"
Pyrene (129-00-0)	U		1,850	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4,640	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4,640	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4,640	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-05RE1 **Station ID: RD-02-03-51**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.169g
%Solids: 89.35

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	57.8		44.8	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	86.0		66.6	51-103	"	"
Terphenyl-d14	63.6		49.3 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**90.9**	**J**	51.6	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		51.6	"	"	"
Anthracene (120-12-7)	U	RL	155	"	"	"
Benzo (a) anthracene (56-55-3)	**383**	**J**	51.6	"	"	"
Benzo (a) pyrene (50-32-8)	**201**	**J**	51.6	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**472**	**J**	51.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**123**	**J**	51.6	"	"	"
Chrysene (218-01-9)	**1,750**	**J**	51.6	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	103	"	"	"
Fluoranthene (206-44-0)	**75.4**	**J**	51.6	"	"	"
Fluorene (86-73-7)	U		51.6	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**64.6**	**J**	51.6	"	"	"
2-Methylnaphthalene (91-57-6)	**94.9**	**J**	51.6	"	"	"
Naphthalene (91-20-3)	U		51.6	"	"	"
Phenanthrene (85-01-8)	U	RL	155	"	"	"
Pyrene (129-00-0)	**966**	**J**	51.6	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-06 **Station ID: RD-02-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.197g
%Solids: 91.30

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	21,700		58.1	38-101	08/23/12	08/28/12
Phenol-d5	24,000		64.2	42-105	"	"
2-Chlorophenol-d4	22,100		59.1	40-100	"	"
1,2-Dichlorobenzene-d4	13,100		52.4	37-100	"	"
Nitrobenzene-d5	15,400		61.8	42-108	"	"
2-Fluorobiphenyl	23,700		95.0	51-103	"	"
2,4,6-Tribromophenol	32,800		87.8	55-115	"	"
Terphenyl-d14	20,300		81.5	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		997	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		997	"	"	"
Acetophenone (98-86-2)	U		2,490	"	"	"
Anthracene (120-12-7)	U		997	"	"	"
Atrazine (1912-24-9)	U		2,490	"	"	"
Benzaldehyde (100-52-7)	U		2,490	"	"	"
Benzoic acid (65-85-0)	U		4,990	"	"	"
Benzo (a) anthracene (56-55-3)	U		2,490	"	"	"
Benzo (a) pyrene (50-32-8)	U		2,490	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		2,490	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,490	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		2,490	"	"	"
Benzyl alcohol (100-51-6)	U		2,490	"	"	"
1,1'-Biphenyl (92-52-4)	U		2,490	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		2,490	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		2,490	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		2,490	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		2,490	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		2,490	"	"	"
Butyl benzyl phthalate (85-68-7)	U		2,490	"	"	"
Carbazole (86-74-8)	U		2,490	"	"	"
Caprolactam (105-60-2)	U		2,490	"	"	"
4-Chloroaniline (106-47-8)	U		2,490	"	"	"
2-Chloronaphthalene (91-58-7)	U		2,490	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-06 **Station ID: RD-02-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.197g
%Solids: 91.30

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		2,490	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		2,490	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		2,490	"	"	"
Chrysene (218-01-9)	U		2,490	"	"	"
Dibenzofuran (132-64-9)	U		2,490	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,490	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2,490	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2,490	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2,490	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		2,490	"	"	"
2,4-Dichlorophenol (120-83-2)	U		2,490	"	"	"
Diethyl phthalate (84-66-2)	U		2,490	"	"	"
2,4-Dimethylphenol (105-67-9)	U		2,490	"	"	"
Dimethyl phthalate (131-11-3)	U		2,490	"	"	"
2,4-Dinitrophenol (51-28-5)	U		9,970	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		2,490	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		2,490	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		9,970	"	"	"
Di-n-butyl phthalate (84-74-2)	U		2,490	"	"	"
Di-n-octyl phthalate (117-84-0)	U		2,490	"	"	"
Fluoranthene (206-44-0)	U		997	"	"	"
Fluorene (86-73-7)	U		997	"	"	"
Hexachlorobenzene (118-74-1)	U		2,490	"	"	"
Hexachlorobutadiene (87-68-3)	U		2,490	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		2,490	"	"	"
Hexachloroethane (67-72-1)	U		2,490	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,490	"	"	"
Isophorone (78-59-1)	U		2,490	"	"	"
2-Methylnaphthalene (91-57-6)	U		997	"	"	"
2-Methylphenol (95-48-7)	U		2,490	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		2,490	"	"	"
Naphthalene (91-20-3)	U		997	"	"	"
2-Nitroaniline (88-74-4)	U		3,990	"	"	"
3-Nitroaniline (99-09-2)	U		3,990	"	"	"
4-Nitroaniline (100-01-6)	U		3,990	"	"	"
Nitrobenzene (98-95-3)	U		2,490	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-06 **Station ID: RD-02-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.197g
%Solids: 91.30

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		2,490	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		6,480	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		2,490	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		2,490	"	"	"
Pentachlorophenol (87-86-5)	U		2,490	"	"	"
Phenanthrene (85-01-8)	U		997	"	"	"
Phenol (108-95-2)	U		2,490	"	"	"
Pyrene (129-00-0)	U		997	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		2,490	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		2,490	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		2,490	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-06RE1 **Station ID: RD-02-03-52**

Batch: B2L1304
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.181g
%Solids: 91.30

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	68.5		54.5	42-108	12/14/12	12/19/12
2-Fluorobiphenyl	90.4		72.0	51-103	"	"
Terphenyl-d14	75.4		60.1	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**59.6**	**J**	50.2	1	12/14/12	12/19/12
Acenaphthylene (208-96-8)	U		50.2	"	"	"
Anthracene (120-12-7)	U	RL	100	"	"	"
Benzo (a) anthracene (56-55-3)	**276**	**J**	50.2	"	"	"
Benzo (a) pyrene (50-32-8)	**117**	**J**	50.2	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**338**	**J**	50.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**102**	**J**	50.2	"	"	"
Chrysene (218-01-9)	**1,410**	**J**	50.2	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		50.2	"	"	"
Fluoranthene (206-44-0)	U		50.2	"	"	"
Fluorene (86-73-7)	U		50.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**51.8**	**J**	50.2	"	"	"
2-Methylnaphthalene (91-57-6)	**224**	**J**	50.2	"	"	"
Naphthalene (91-20-3)	U		50.2	"	"	"
Phenanthrene (85-01-8)	U	RL	100	"	"	"
Pyrene (129-00-0)	**664**	**J**	50.2	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-07 **Station ID: TS-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 3.116g
%Solids: 91.84

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	12,600		48.1	38-101	08/23/12	08/28/12
Phenol-d5	12,900		49.2	42-105	"	"
2-Chlorophenol-d4	11,600		44.2	40-100	"	"
1,2-Dichlorobenzene-d4	6,400		36.6 #	37-100	"	"
Nitrobenzene-d5	7,890		45.2	42-108	"	"
2-Fluorobiphenyl	13,500		77.3	51-103	"	"
2,4,6-Tribromophenol	22,200		84.7	55-115	"	"
Terphenyl-d14	13,100		74.9	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		699	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		699	"	"	"
Acetophenone (98-86-2)	U		1,750	"	"	"
Anthracene (120-12-7)	U		699	"	"	"
Atrazine (1912-24-9)	U		1,750	"	"	"
Benzaldehyde (100-52-7)	U		1,750	"	"	"
Benzoic acid (65-85-0)	U		3,490	"	"	"
Benzo (a) anthracene (56-55-3)	U		1,750	"	"	"
Benzo (a) pyrene (50-32-8)	U		1,750	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		1,750	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		1,750	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		1,750	"	"	"
Benzyl alcohol (100-51-6)	U		1,750	"	"	"
1,1'-Biphenyl (92-52-4)	U		1,750	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		1,750	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		1,750	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		1,750	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		1,750	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		1,750	"	"	"
Butyl benzyl phthalate (85-68-7)	U		1,750	"	"	"
Carbazole (86-74-8)	U		1,750	"	"	"
Caprolactam (105-60-2)	U		1,750	"	"	"
4-Chloroaniline (106-47-8)	U		1,750	"	"	"
2-Chloronaphthalene (91-58-7)	U		1,750	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-07 **Station ID: TS-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 3.116g
%Solids: 91.84

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		1,750	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		1,750	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		1,750	"	"	"
Chrysene (218-01-9)	U		1,750	"	"	"
Dibenzofuran (132-64-9)	U		1,750	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		1,750	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	RL	5,240	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	RL	5,240	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	RL	5,240	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		1,750	"	"	"
2,4-Dichlorophenol (120-83-2)	U		1,750	"	"	"
Diethyl phthalate (84-66-2)	U		1,750	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1,750	"	"	"
Dimethyl phthalate (131-11-3)	U		1,750	"	"	"
2,4-Dinitrophenol (51-28-5)	U		6,990	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1,750	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1,750	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		6,990	"	"	"
Di-n-butyl phthalate (84-74-2)	U		1,750	"	"	"
Di-n-octyl phthalate (117-84-0)	U		1,750	"	"	"
Fluoranthene (206-44-0)	U		699	"	"	"
Fluorene (86-73-7)	U		699	"	"	"
Hexachlorobenzene (118-74-1)	U		1,750	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	5,240	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		1,750	"	"	"
Hexachloroethane (67-72-1)	U	RL	5,240	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		1,750	"	"	"
Isophorone (78-59-1)	U		1,750	"	"	"
2-Methylnaphthalene (91-57-6)	U		699	"	"	"
2-Methylphenol (95-48-7)	U		1,750	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		1,750	"	"	"
Naphthalene (91-20-3)	U		699	"	"	"
2-Nitroaniline (88-74-4)	U		2,800	"	"	"
3-Nitroaniline (99-09-2)	U		2,800	"	"	"
4-Nitroaniline (100-01-6)	U		2,800	"	"	"
Nitrobenzene (98-95-3)	U		1,750	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-07 **Station ID: TS-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 3.116g
%Solids: 91.84

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		1,750	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		4,540	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		1,750	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		1,750	"	"	"
Pentachlorophenol (87-86-5)	U		1,750	"	"	"
Phenanthrene (85-01-8)	U		699	"	"	"
Phenol (108-95-2)	U		1,750	"	"	"
Pyrene (129-00-0)	U		699	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	RL	5,240	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		1,750	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		1,750	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-07 **Station ID: TS-01-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.107g
%Solids: 91.84

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	39.5		30.6 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	59.8		46.2 #	51-103	"	"
Terphenyl-d14	70.6		54.7 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	25.8	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	25.8	"	"	"
Anthracene (120-12-7)	U		12.9	"	"	"
Benzo (a) anthracene (56-55-3)	**20.5**	**J**	12.9	"	"	"
Benzo (a) pyrene (50-32-8)	**25.1**	**J**	12.9	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**245**	**J**	12.9	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**70.3**	**J**	12.9	"	"	"
Chrysene (218-01-9)	**1,340**	**J**	51.7	5	"	11/27/12
Dibenz (a,h) anthracene (53-70-3)	**18.7**	**J**	12.9	1.25	"	12/20/12
Fluoranthene (206-44-0)	U		12.9	"	"	"
Fluorene (86-73-7)	U	RL	25.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**19.6**	**J**	12.9	"	"	"
2-Methylnaphthalene (91-57-6)	U	RL	38.8	"	"	"
Naphthalene (91-20-3)	U	RL	38.8	"	"	"
Phenanthrene (85-01-8)	**21.6**	**J**	12.9	"	"	"
Pyrene (129-00-0)	**205**	**J**	12.9	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-08 **Station ID: TS-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.166g
%Solids: 94.71

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	12,800		34.9 #	38-101	08/23/12	08/29/12
Phenol-d5	22,900		62.6	42-105	"	"
2-Chlorophenol-d4	19,300		52.8	40-100	"	"
1,2-Dichlorobenzene-d4	10,300		42.3	37-100	"	"
Nitrobenzene-d5	12,300		50.4	42-108	"	"
2-Fluorobiphenyl	20,800		85.4	51-103	"	"
2,4,6-Tribromophenol	29,100		79.5	55-115	"	"
Terphenyl-d14	15,300		63.0	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		975	1	08/23/12	08/29/12
Acenaphthylene (208-96-8)	U		975	"	"	"
Acetophenone (98-86-2)	U		2,440	"	"	"
Anthracene (120-12-7)	U		975	"	"	"
Atrazine (1912-24-9)	U		2,440	"	"	"
Benzaldehyde (100-52-7)	U		2,440	"	"	"
Benzoic acid (65-85-0)	U		4,870	"	"	"
Benzo (a) anthracene (56-55-3)	U		2,440	"	"	"
Benzo (a) pyrene (50-32-8)	U		2,440	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		2,440	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,440	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		2,440	"	"	"
Benzyl alcohol (100-51-6)	U		2,440	"	"	"
1,1'-Biphenyl (92-52-4)	U		2,440	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		2,440	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		2,440	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		2,440	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		2,440	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		2,440	"	"	"
Butyl benzyl phthalate (85-68-7)	U		2,440	"	"	"
Carbazole (86-74-8)	U		2,440	"	"	"
Caprolactam (105-60-2)	U		2,440	"	"	"
4-Chloroaniline (106-47-8)	U		2,440	"	"	"
2-Chloronaphthalene (91-58-7)	U		2,440	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-08 **Station ID: TS-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.166g
%Solids: 94.71

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		2,440	1	08/23/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		2,440	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		2,440	"	"	"
Chrysene (218-01-9)	U		2,440	"	"	"
Dibenzofuran (132-64-9)	U		2,440	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,440	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2,440	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2,440	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2,440	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		2,440	"	"	"
2,4-Dichlorophenol (120-83-2)	U		2,440	"	"	"
Diethyl phthalate (84-66-2)	U		2,440	"	"	"
2,4-Dimethylphenol (105-67-9)	U		2,440	"	"	"
Dimethyl phthalate (131-11-3)	U		2,440	"	"	"
2,4-Dinitrophenol (51-28-5)	U		9,750	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		2,440	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		2,440	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		9,750	"	"	"
Di-n-butyl phthalate (84-74-2)	U		2,440	"	"	"
Di-n-octyl phthalate (117-84-0)	U		2,440	"	"	"
Fluoranthene (206-44-0)	U		975	"	"	"
Fluorene (86-73-7)	U		975	"	"	"
Hexachlorobenzene (118-74-1)	U		2,440	"	"	"
Hexachlorobutadiene (87-68-3)	U		2,440	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		2,440	"	"	"
Hexachloroethane (67-72-1)	U		2,440	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,440	"	"	"
Isophorone (78-59-1)	U		2,440	"	"	"
2-Methylnaphthalene (91-57-6)	U		975	"	"	"
2-Methylphenol (95-48-7)	U		2,440	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		2,440	"	"	"
Naphthalene (91-20-3)	U		975	"	"	"
2-Nitroaniline (88-74-4)	U		3,900	"	"	"
3-Nitroaniline (99-09-2)	U		3,900	"	"	"
4-Nitroaniline (100-01-6)	U		3,900	"	"	"
Nitrobenzene (98-95-3)	U		2,440	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-08 **Station ID: TS-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.166g
%Solids: 94.71

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		2,440	1	08/23/12	08/29/12
4-Nitrophenol (100-02-7)	U		6,340	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		2,440	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		2,440	"	"	"
Pentachlorophenol (87-86-5)	U		2,440	"	"	"
Phenanthrene (85-01-8)	U		975	"	"	"
Phenol (108-95-2)	U		2,440	"	"	"
Pyrene (129-00-0)	U		975	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		2,440	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		2,440	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		2,440	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-08 **Station ID: TS-02-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.017g
%Solids: 94.71

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	36.6		28.0 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	52.4		40.0 #	51-103	"	"
Terphenyl-d14	67.0		51.2 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	26.2	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	26.2	"	"	"
Anthracene (120-12-7)	U		13.1	"	"	"
Benzo (a) anthracene (56-55-3)	**79.1**	**J**	13.1	"	"	"
Benzo (a) pyrene (50-32-8)	**72.9**	**J**	13.1	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**298**	**J**	13.1	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**95.7**	**J**	13.1	"	"	"
Chrysene (218-01-9)	**1,380**	**J**	52.3	5	"	11/27/12
Dibenz (a,h) anthracene (53-70-3)	**26.9**	**J**	13.1	1.25	"	12/20/12
Fluoranthene (206-44-0)	U		13.1	"	"	"
Fluorene (86-73-7)	U	RL	26.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**33.2**	**J**	13.1	"	"	"
2-Methylnaphthalene (91-57-6)	**16.3**	**J**	13.1	"	"	"
Naphthalene (91-20-3)	**14.1**	**J**	13.1	"	"	"
Phenanthrene (85-01-8)	**30.4**	**J**	13.1	"	"	"
Pyrene (129-00-0)	**200**	**J**	13.1	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-09 **Station ID: OP-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.158g
%Solids: 81.79

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	23,400		55.1	38-101	08/23/12	08/28/12
Phenol-d5	22,800		53.7	42-105	"	"
2-Chlorophenol-d4	21,200		49.9	40-100	"	"
1,2-Dichlorobenzene-d4	12,300		43.4	37-100	"	"
Nitrobenzene-d5	14,500		51.1	42-108	"	"
2-Fluorobiphenyl	24,600		86.7	51-103	"	"
2,4,6-Tribromophenol	41,800		98.4	55-115	"	"
Terphenyl-d14	22,500		79.4	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1,130	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		1,130	"	"	"
Acetophenone (98-86-2)	U		2,830	"	"	"
Anthracene (120-12-7)	U		1,130	"	"	"
Atrazine (1912-24-9)	U		2,830	"	"	"
Benzaldehyde (100-52-7)	U		2,830	"	"	"
Benzoic acid (65-85-0)	U		5,670	"	"	"
Benzo (a) anthracene (56-55-3)	U		2,830	"	"	"
Benzo (a) pyrene (50-32-8)	U		2,830	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		2,830	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,830	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		2,830	"	"	"
Benzyl alcohol (100-51-6)	U		2,830	"	"	"
1,1'-Biphenyl (92-52-4)	U		2,830	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		2,830	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		2,830	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		2,830	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		2,830	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		2,830	"	"	"
Butyl benzyl phthalate (85-68-7)	U		2,830	"	"	"
Carbazole (86-74-8)	U		2,830	"	"	"
Caprolactam (105-60-2)	U		2,830	"	"	"
4-Chloroaniline (106-47-8)	U		2,830	"	"	"
2-Chloronaphthalene (91-58-7)	U		2,830	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-09 **Station ID: OP-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.158g
%Solids: 81.79

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		2,830	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		2,830	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		2,830	"	"	"
Chrysene (218-01-9)	**3,480**		2,830	"	"	"
Dibenzofuran (132-64-9)	U		2,830	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,830	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2,830	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2,830	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2,830	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		2,830	"	"	"
2,4-Dichlorophenol (120-83-2)	U		2,830	"	"	"
Diethyl phthalate (84-66-2)	U		2,830	"	"	"
2,4-Dimethylphenol (105-67-9)	U		2,830	"	"	"
Dimethyl phthalate (131-11-3)	U		2,830	"	"	"
2,4-Dinitrophenol (51-28-5)	U		11,300	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		2,830	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		2,830	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		11,300	"	"	"
Di-n-butyl phthalate (84-74-2)	U		2,830	"	"	"
Di-n-octyl phthalate (117-84-0)	U		2,830	"	"	"
Fluoranthene (206-44-0)	U		1,130	"	"	"
Fluorene (86-73-7)	U		1,130	"	"	"
Hexachlorobenzene (118-74-1)	U		2,830	"	"	"
Hexachlorobutadiene (87-68-3)	U		2,830	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		2,830	"	"	"
Hexachloroethane (67-72-1)	U		2,830	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,830	"	"	"
Isophorone (78-59-1)	U		2,830	"	"	"
2-Methylnaphthalene (91-57-6)	U		1,130	"	"	"
2-Methylphenol (95-48-7)	U		2,830	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		2,830	"	"	"
Naphthalene (91-20-3)	U		1,130	"	"	"
2-Nitroaniline (88-74-4)	U		4,530	"	"	"
3-Nitroaniline (99-09-2)	U		4,530	"	"	"
4-Nitroaniline (100-01-6)	U		4,530	"	"	"
Nitrobenzene (98-95-3)	U		2,830	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-09 **Station ID: OP-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 2.158g
%Solids: 81.79

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		2,830	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		7,370	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		2,830	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		2,830	"	"	"
Pentachlorophenol (87-86-5)	U		2,830	"	"	"
Phenanthrene (85-01-8)	U		1,130	"	"	"
Phenol (108-95-2)	U		2,830	"	"	"
Pyrene (129-00-0)	**2,360**	**NJ**	1,130	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		2,830	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		2,830	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		2,830	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-09 **Station ID: OP-02-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 1.132g
%Solids: 81.79

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	90.6		33.5 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	137		50.9 #	51-103	"	"
Terphenyl-d14	140		51.9 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		27.0	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U		27.0	"	"	"
Anthracene (120-12-7)	**71.1**	**J**	27.0	"	"	"
Benzo (a) anthracene (56-55-3)	**412**	**J**	27.0	"	"	"
Benzo (a) pyrene (50-32-8)	**135**	**J**	27.0	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**261**	**J**	27.0	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**75.1**	**J**	27.0	"	"	"
Chrysene (218-01-9)	**1,600**	**J**	108	5	"	11/27/12
Dibenz (a,h) anthracene (53-70-3)	**28.1**	**J**	27.0	1.25	"	12/20/12
Fluoranthene (206-44-0)	**289**	**J**	27.0	"	"	"
Fluorene (86-73-7)	U		27.0	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**31.5**	**J**	27.0	"	"	"
2-Methylnaphthalene (91-57-6)	U	RL	81.0	"	"	"
Naphthalene (91-20-3)	U	RL	81.0	"	"	"
Phenanthrene (85-01-8)	**37.6**	**J**	27.0	"	"	"
Pyrene (129-00-0)	**2,020**	**J**	108	5	"	11/27/12

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-10 **Station ID: PPE-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.079g
%Solids: 79.87

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	6,070		65.1	38-101	08/23/12	08/28/12
Phenol-d5	5,000		53.7	42-105	"	"
2-Chlorophenol-d4	4,750		51.0	40-100	"	"
1,2-Dichlorobenzene-d4	2,800		45.1	37-100	"	"
Nitrobenzene-d5	3,010		48.5	42-108	"	"
2-Fluorobiphenyl	4,500		72.4	51-103	"	"
2,4,6-Tribromophenol	8,040		86.3	55-115	"	"
Terphenyl-d14	4,330		69.7	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		248	1	08/23/12	08/28/12
Acenaphthylene (208-96-8)	U		248	"	"	"
Acetophenone (98-86-2)	U		621	"	"	"
Anthracene (120-12-7)	U		248	"	"	"
Atrazine (1912-24-9)	U		621	"	"	"
Benzaldehyde (100-52-7)	U		621	"	"	"
Benzoic acid (65-85-0)	U		1,240	"	"	"
Benzo (a) anthracene (56-55-3)	U		621	"	"	"
Benzo (a) pyrene (50-32-8)	U		621	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		621	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		621	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		621	"	"	"
Benzyl alcohol (100-51-6)	U		621	"	"	"
1,1'-Biphenyl (92-52-4)	U		621	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		621	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		621	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		621	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		621	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		621	"	"	"
Butyl benzyl phthalate (85-68-7)	U		621	"	"	"
Carbazole (86-74-8)	U		621	"	"	"
Caprolactam (105-60-2)	U		621	"	"	"
4-Chloroaniline (106-47-8)	U		621	"	"	"
2-Chloronaphthalene (91-58-7)	U		621	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-10 **Station ID: PPE-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.079g
%Solids: 79.87

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		621	1	08/23/12	08/28/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		621	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		621	"	"	"
Chrysene (218-01-9)	U		621	"	"	"
Dibenzofuran (132-64-9)	U		621	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		621	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		621	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		621	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		621	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		621	"	"	"
2,4-Dichlorophenol (120-83-2)	U		621	"	"	"
Diethyl phthalate (84-66-2)	U		621	"	"	"
2,4-Dimethylphenol (105-67-9)	U		621	"	"	"
Dimethyl phthalate (131-11-3)	U		621	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,480	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		621	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		621	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,480	"	"	"
Di-n-butyl phthalate (84-74-2)	U		621	"	"	"
Di-n-octyl phthalate (117-84-0)	U		621	"	"	"
Fluoranthene (206-44-0)	U		248	"	"	"
Fluorene (86-73-7)	U		248	"	"	"
Hexachlorobenzene (118-74-1)	U		621	"	"	"
Hexachlorobutadiene (87-68-3)	U		621	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		621	"	"	"
Hexachloroethane (67-72-1)	U		621	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		621	"	"	"
Isophorone (78-59-1)	U		621	"	"	"
2-Methylnaphthalene (91-57-6)	U		248	"	"	"
2-Methylphenol (95-48-7)	U		621	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		621	"	"	"
Naphthalene (91-20-3)	U		248	"	"	"
2-Nitroaniline (88-74-4)	U		994	"	"	"
3-Nitroaniline (99-09-2)	U		994	"	"	"
4-Nitroaniline (100-01-6)	U		994	"	"	"
Nitrobenzene (98-95-3)	U		621	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-10 **Station ID: PPE-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.079g
%Solids: 79.87

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		621	1	08/23/12	08/28/12
4-Nitrophenol (100-02-7)	U		1,610	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		621	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		621	"	"	"
Pentachlorophenol (87-86-5)	U		621	"	"	"
Phenanthrene (85-01-8)	U		248	"	"	"
Phenol (108-95-2)	U		621	"	"	"
Pyrene (129-00-0)	U		248	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		621	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		621	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		621	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-10 **Station ID: PPE-03-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 4.198g
%Solids: 79.87

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	17.7		23.7 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	25.6		34.3 #	51-103	"	"
Terphenyl-d14	33.3		44.7 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	22.4	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	22.4	"	"	"
Anthracene (120-12-7)	U	RL	14.9	"	"	"
Benzo (a) anthracene (56-55-3)	**22.9**	**J**	7.5	"	"	"
Benzo (a) pyrene (50-32-8)	**22.0**	**J**	7.5	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**57.5**	**J**	7.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**14.1**	**J**	7.5	"	"	"
Chrysene (218-01-9)	**148**	**J**	7.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	14.9	"	"	"
Fluoranthene (206-44-0)	**16.0**	**J**	7.5	"	"	"
Fluorene (86-73-7)	U	RL	22.4	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**9.9**	**J**	7.5	"	"	"
2-Methylnaphthalene (91-57-6)	**8.3**	**J**	7.5	"	"	"
Naphthalene (91-20-3)	U	RL	29.8	"	"	"
Phenanthrene (85-01-8)	**21.4**	**J**	7.5	"	"	"
Pyrene (129-00-0)	**91.4**	**J**	7.5	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-11 **Station ID: PS-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.149g
%Solids: 87.51

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3,060		36.2 #	38-101	08/23/12	08/29/12
Phenol-d5	4,990		59.1	42-105	"	"
2-Chlorophenol-d4	4,180		49.5	40-100	"	"
1,2-Dichlorobenzene-d4	2,030		36.0 #	37-100	"	"
Nitrobenzene-d5	2,570		45.6	42-108	"	"
2-Fluorobiphenyl	4,270		75.8	51-103	"	"
2,4,6-Tribromophenol	8,010		94.8	55-115	"	"
Terphenyl-d14	3,160		56.1	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		225	1	08/23/12	08/29/12
Acenaphthylene (208-96-8)	U		225	"	"	"
Acetophenone (98-86-2)	U		563	"	"	"
Anthracene (120-12-7)	U		225	"	"	"
Atrazine (1912-24-9)	U		563	"	"	"
Benzaldehyde (100-52-7)	U		563	"	"	"
Benzoic acid (65-85-0)	U		1,130	"	"	"
Benzo (a) anthracene (56-55-3)	U		563	"	"	"
Benzo (a) pyrene (50-32-8)	U		563	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		563	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		563	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		563	"	"	"
Benzyl alcohol (100-51-6)	U		563	"	"	"
1,1'-Biphenyl (92-52-4)	U		563	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		563	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		563	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		563	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		563	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		563	"	"	"
Butyl benzyl phthalate (85-68-7)	U		563	"	"	"
Carbazole (86-74-8)	U		563	"	"	"
Caprolactam (105-60-2)	U		563	"	"	"
4-Chloroaniline (106-47-8)	U		563	"	"	"
2-Chloronaphthalene (91-58-7)	U		563	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-11 **Station ID: PS-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.149g
%Solids: 87.51

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		563	1	08/23/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		563	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		563	"	"	"
Chrysene (218-01-9)	U		563	"	"	"
Dibenzofuran (132-64-9)	U		563	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		563	"	"	"
1,2-Dichlorobenzene (95-50-1)	U	RL	1,690	"	"	"
1,3-Dichlorobenzene (541-73-1)	U	RL	1,690	"	"	"
1,4-Dichlorobenzene (106-46-7)	U	RL	1,690	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		563	"	"	"
2,4-Dichlorophenol (120-83-2)	U		563	"	"	"
Diethyl phthalate (84-66-2)	U		563	"	"	"
2,4-Dimethylphenol (105-67-9)	U		563	"	"	"
Dimethyl phthalate (131-11-3)	U		563	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,250	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		563	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		563	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,250	"	"	"
Di-n-butyl phthalate (84-74-2)	U		563	"	"	"
Di-n-octyl phthalate (117-84-0)	U		563	"	"	"
Fluoranthene (206-44-0)	U		225	"	"	"
Fluorene (86-73-7)	U		225	"	"	"
Hexachlorobenzene (118-74-1)	U		563	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	1,690	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		563	"	"	"
Hexachloroethane (67-72-1)	U	RL	1,690	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		563	"	"	"
Isophorone (78-59-1)	U		563	"	"	"
2-Methylnaphthalene (91-57-6)	U		225	"	"	"
2-Methylphenol (95-48-7)	U		563	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		563	"	"	"
Naphthalene (91-20-3)	U		225	"	"	"
2-Nitroaniline (88-74-4)	U		901	"	"	"
3-Nitroaniline (99-09-2)	U		901	"	"	"
4-Nitroaniline (100-01-6)	U		901	"	"	"
Nitrobenzene (98-95-3)	U		563	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-11 **Station ID: PS-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.149g
%Solids: 87.51

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		563	1	08/23/12	08/29/12
4-Nitrophenol (100-02-7)	U		1,460	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		563	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		563	"	"	"
Pentachlorophenol (87-86-5)	U		563	"	"	"
Phenanthrene (85-01-8)	U		225	"	"	"
Phenol (108-95-2)	U		563	"	"	"
Pyrene (129-00-0)	U		225	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U	RL	1,690	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		563	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		563	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-11 **Station ID: PS-01-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 5.103g
%Solids: 87.51

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	16.2		28.9 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	23.3		41.6 #	51-103	"	"
Terphenyl-d14	30.6		54.6 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	11.2	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	11.2	"	"	"
Anthracene (120-12-7)	**18.3**	**J**	5.6	"	"	"
Benzo (a) anthracene (56-55-3)	**87.2**	**J**	5.6	"	"	"
Benzo (a) pyrene (50-32-8)	**61.7**	**J**	5.6	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**163**	**J**	5.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**40.0**	**J**	5.6	"	"	"
Chrysene (218-01-9)	**285**	**J**	22.4	5	"	11/28/12
Dibenz (a,h) anthracene (53-70-3)	**11.0**	**J**	5.6	1.25	"	12/20/12
Fluoranthene (206-44-0)	**83.2**	**J**	5.6	"	"	"
Fluorene (86-73-7)	U	RL	11.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**22.4**	**J**	5.6	"	"	"
2-Methylnaphthalene (91-57-6)	**159**	**J**	5.6	"	"	"
Naphthalene (91-20-3)	**92.7**	**J**	5.6	"	"	"
Phenanthrene (85-01-8)	**148**	**J**	5.6	"	"	"
Pyrene (129-00-0)	**149**	**J**	5.6	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-12 **Station ID: PS-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.244g
%Solids: 93.83

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3,230		41.3	38-101	08/23/12	08/29/12
Phenol-d5	5,460		70.0	42-105	"	"
2-Chlorophenol-d4	4,500		57.6	40-100	"	"
1,2-Dichlorobenzene-d4	2,170		41.7	37-100	"	"
Nitrobenzene-d5	2,710		52.1	42-108	"	"
2-Fluorobiphenyl	4,470		86.0	51-103	"	"
2,4,6-Tribromophenol	8,810		113	55-115	"	"
Terphenyl-d14	3,830		73.6	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		208	1	08/23/12	08/29/12
Acenaphthylene (208-96-8)	U		208	"	"	"
Acetophenone (98-86-2)	U		520	"	"	"
Anthracene (120-12-7)	U		208	"	"	"
Atrazine (1912-24-9)	U		520	"	"	"
Benzaldehyde (100-52-7)	U		520	"	"	"
Benzoic acid (65-85-0)	U		1,040	"	"	"
Benzo (a) anthracene (56-55-3)	U		520	"	"	"
Benzo (a) pyrene (50-32-8)	U		520	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		520	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		520	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		520	"	"	"
Benzyl alcohol (100-51-6)	U		520	"	"	"
1,1'-Biphenyl (92-52-4)	U		520	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		520	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		520	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		520	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		520	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		520	"	"	"
Butyl benzyl phthalate (85-68-7)	U		520	"	"	"
Carbazole (86-74-8)	U		520	"	"	"
Caprolactam (105-60-2)	U		520	"	"	"
4-Chloroaniline (106-47-8)	U		520	"	"	"
2-Chloronaphthalene (91-58-7)	U		520	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-12 **Station ID: PS-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.244g
%Solids: 93.83

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		520	1	08/23/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		520	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		520	"	"	"
Chrysene (218-01-9)	U		520	"	"	"
Dibenzofuran (132-64-9)	U		520	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		520	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		520	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		520	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		520	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		520	"	"	"
2,4-Dichlorophenol (120-83-2)	U		520	"	"	"
Diethyl phthalate (84-66-2)	U		520	"	"	"
2,4-Dimethylphenol (105-67-9)	U		520	"	"	"
Dimethyl phthalate (131-11-3)	U		520	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,080	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		520	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		520	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,080	"	"	"
Di-n-butyl phthalate (84-74-2)	U		520	"	"	"
Di-n-octyl phthalate (117-84-0)	U		520	"	"	"
Fluoranthene (206-44-0)	U		208	"	"	"
Fluorene (86-73-7)	U		208	"	"	"
Hexachlorobenzene (118-74-1)	U		520	"	"	"
Hexachlorobutadiene (87-68-3)	U		520	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		520	"	"	"
Hexachloroethane (67-72-1)	U		520	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		520	"	"	"
Isophorone (78-59-1)	U		520	"	"	"
2-Methylnaphthalene (91-57-6)	U		208	"	"	"
2-Methylphenol (95-48-7)	U		520	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		520	"	"	"
Naphthalene (91-20-3)	U		208	"	"	"
2-Nitroaniline (88-74-4)	U		832	"	"	"
3-Nitroaniline (99-09-2)	U		832	"	"	"
4-Nitroaniline (100-01-6)	U		832	"	"	"
Nitrobenzene (98-95-3)	U		520	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-12 **Station ID: PS-02-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.244g
%Solids: 93.83

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		520	1	08/23/12	08/29/12
4-Nitrophenol (100-02-7)	U		1,350	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		520	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		520	"	"	"
Pentachlorophenol (87-86-5)	U		520	"	"	"
Phenanthrene (85-01-8)	U		208	"	"	"
Phenol (108-95-2)	U		520	"	"	"
Pyrene (129-00-0)	U		208	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		520	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		520	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		520	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-12 **Station ID: PS-02-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 6.028g
%Solids: 93.83

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	12.4		28.0 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	18.4		41.6 #	51-103	"	"
Terphenyl-d14	23.2		52.5 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	8.8	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	**10.7**	**J**	4.4	"	"	"
Anthracene (120-12-7)	**18.8**	**J**	4.4	"	"	"
Benzo (a) anthracene (56-55-3)	**37.2**	**J**	4.4	"	"	"
Benzo (a) pyrene (50-32-8)	**32.8**	**J**	4.4	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**72.1**	**J**	4.4	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**37.3**	**J**	4.4	"	"	"
Chrysene (218-01-9)	**117**	**J**	4.4	"	"	"
Dibenz (a,h) anthracene (53-70-3)	**6.7**	**J**	4.4	"	"	"
Fluoranthene (206-44-0)	**37.8**	**J**	4.4	"	"	"
Fluorene (86-73-7)	U	RL	8.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**15.7**	**J**	4.4	"	"	"
2-Methylnaphthalene (91-57-6)	**122**	**J**	4.4	"	"	"
Naphthalene (91-20-3)	**66.1**	**J**	4.4	"	"	"
Phenanthrene (85-01-8)	**116**	**J**	4.4	"	"	"
Pyrene (129-00-0)	**81.7**	**J**	4.4	"	"	"

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Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-13 **Station ID: PS-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.25g
%Solids: 92.19

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3,300		41.5	38-101	08/23/12	08/29/12
Phenol-d5	5,950		75.0	42-105	"	"
2-Chlorophenol-d4	4,970		62.6	40-100	"	"
1,2-Dichlorobenzene-d4	2,430		45.8	37-100	"	"
Nitrobenzene-d5	3,130		59.2	42-108	"	"
2-Fluorobiphenyl	5,070		95.8	51-103	"	"
2,4,6-Tribromophenol	9,740		123 #	55-115	"	"
Terphenyl-d14	4,440		83.9	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		212	1	08/23/12	08/29/12
Acenaphthylene (208-96-8)	U		212	"	"	"
Acetophenone (98-86-2)	U		529	"	"	"
Anthracene (120-12-7)	U		212	"	"	"
Atrazine (1912-24-9)	U		529	"	"	"
Benzaldehyde (100-52-7)	U		529	"	"	"
Benzoic acid (65-85-0)	U		1,060	"	"	"
Benzo (a) anthracene (56-55-3)	U		529	"	"	"
Benzo (a) pyrene (50-32-8)	U		529	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		529	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		529	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		529	"	"	"
Benzyl alcohol (100-51-6)	U		529	"	"	"
1,1'-Biphenyl (92-52-4)	U		529	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		529	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		529	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		529	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		529	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		529	"	"	"
Butyl benzyl phthalate (85-68-7)	U		529	"	"	"
Carbazole (86-74-8)	U		529	"	"	"
Caprolactam (105-60-2)	U		529	"	"	"
4-Chloroaniline (106-47-8)	U		529	"	"	"
2-Chloronaphthalene (91-58-7)	U		529	"	"	"

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Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-13 **Station ID: PS-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.25g
%Solids: 92.19

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		529	1	08/23/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		529	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		529	"	"	"
Chrysene (218-01-9)	U		529	"	"	"
Dibenzofuran (132-64-9)	U		529	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		529	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		529	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		529	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		529	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		529	"	"	"
2,4-Dichlorophenol (120-83-2)	U		529	"	"	"
Diethyl phthalate (84-66-2)	U		529	"	"	"
2,4-Dimethylphenol (105-67-9)	U		529	"	"	"
Dimethyl phthalate (131-11-3)	U		529	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,120	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		529	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		529	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,120	"	"	"
Di-n-butyl phthalate (84-74-2)	U		529	"	"	"
Di-n-octyl phthalate (117-84-0)	U		529	"	"	"
Fluoranthene (206-44-0)	U		212	"	"	"
Fluorene (86-73-7)	U		212	"	"	"
Hexachlorobenzene (118-74-1)	U		529	"	"	"
Hexachlorobutadiene (87-68-3)	U		529	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		529	"	"	"
Hexachloroethane (67-72-1)	U		529	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		529	"	"	"
Isophorone (78-59-1)	U		529	"	"	"
2-Methylnaphthalene (91-57-6)	U		212	"	"	"
2-Methylphenol (95-48-7)	U		529	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		529	"	"	"
Naphthalene (91-20-3)	U		212	"	"	"
2-Nitroaniline (88-74-4)	U		847	"	"	"
3-Nitroaniline (99-09-2)	U		847	"	"	"
4-Nitroaniline (100-01-6)	U		847	"	"	"
Nitrobenzene (98-95-3)	U		529	"	"	"

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Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-13 **Station ID: PS-03-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.25g
%Solids: 92.19

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		529	1	08/23/12	08/29/12
4-Nitrophenol (100-02-7)	U		1,380	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		529	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		529	"	"	"
Pentachlorophenol (87-86-5)	U		529	"	"	"
Phenanthrene (85-01-8)	U		212	"	"	"
Phenol (108-95-2)	U		529	"	"	"
Pyrene (129-00-0)	U		212	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		529	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		529	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		529	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-13 **Station ID: PS-03-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 6.12g
%Solids: 92.19

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	15.9		35.9 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	21.3		48.1 #	51-103	"	"
Terphenyl-d14	24.3		54.8 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	8.9	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	8.9	"	"	"
Anthracene (120-12-7)	**11.7**	**J**	4.4	"	"	"
Benzo (a) anthracene (56-55-3)	**23.6**	**J**	4.4	"	"	"
Benzo (a) pyrene (50-32-8)	**23.8**	**J**	4.4	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**59.1**	**J**	4.4	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**24.9**	**J**	4.4	"	"	"
Chrysene (218-01-9)	**92.7**	**J**	4.4	"	"	"
Dibenz (a,h) anthracene (53-70-3)	**4.8**	**J**	4.4	"	"	"
Fluoranthene (206-44-0)	**26.7**	**J**	4.4	"	"	"
Fluorene (86-73-7)	U	RL	8.9	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	**10.5**	**J**	4.4	"	"	"
2-Methylnaphthalene (91-57-6)	**148**	**J**	4.4	"	"	"
Naphthalene (91-20-3)	**77.7**	**J**	4.4	"	"	"
Phenanthrene (85-01-8)	**81.5**	**J**	4.4	"	"	"
Pyrene (129-00-0)	**57.2**	**J**	4.4	"	"	"

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Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-14 **Station ID: WA-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.276g
%Solids: 89.89

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	4,290		52.8	38-101	08/23/12	08/27/12
Phenol-d5	5,670		69.8	42-105	"	"
2-Chlorophenol-d4	4,680		57.6	40-100	"	"
1,2-Dichlorobenzene-d4	2,040		37.7	37-100	"	"
Nitrobenzene-d5	2,820		52.0	42-108	"	"
2-Fluorobiphenyl	4,380		80.9	51-103	"	"
2,4,6-Tribromophenol	8,590		106	55-115	"	"
Terphenyl-d14	5,700		105	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		217	1	08/23/12	08/27/12
Acenaphthylene (208-96-8)	U		217	"	"	"
Acetophenone (98-86-2)	U		541	"	"	"
Anthracene (120-12-7)	U		217	"	"	"
Atrazine (1912-24-9)	U		541	"	"	"
Benzaldehyde (100-52-7)	U		541	"	"	"
Benzoic acid (65-85-0)	U		1,080	"	"	"
Benzo (a) anthracene (56-55-3)	U		541	"	"	"
Benzo (a) pyrene (50-32-8)	U		541	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		541	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		541	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		541	"	"	"
Benzyl alcohol (100-51-6)	U		541	"	"	"
1,1'-Biphenyl (92-52-4)	U		541	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		541	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		541	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		541	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		541	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		541	"	"	"
Butyl benzyl phthalate (85-68-7)	U		541	"	"	"
Carbazole (86-74-8)	U		541	"	"	"
Caprolactam (105-60-2)	U		541	"	"	"
4-Chloroaniline (106-47-8)	U		541	"	"	"
2-Chloronaphthalene (91-58-7)	U		541	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-14 **Station ID: WA-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.276g
%Solids: 89.89

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		541	1	08/23/12	08/27/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		541	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		541	"	"	"
Chrysene (218-01-9)	U		541	"	"	"
Dibenzofuran (132-64-9)	U		541	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		541	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		541	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		541	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		541	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		541	"	"	"
2,4-Dichlorophenol (120-83-2)	U		541	"	"	"
Diethyl phthalate (84-66-2)	U		541	"	"	"
2,4-Dimethylphenol (105-67-9)	U		541	"	"	"
Dimethyl phthalate (131-11-3)	U		541	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,170	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		541	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		541	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,170	"	"	"
Di-n-butyl phthalate (84-74-2)	U		541	"	"	"
Di-n-octyl phthalate (117-84-0)	U		541	"	"	"
Fluoranthene (206-44-0)	U		217	"	"	"
Fluorene (86-73-7)	U		217	"	"	"
Hexachlorobenzene (118-74-1)	U		541	"	"	"
Hexachlorobutadiene (87-68-3)	U		541	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		541	"	"	"
Hexachloroethane (67-72-1)	U		541	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		541	"	"	"
Isophorone (78-59-1)	U		541	"	"	"
2-Methylnaphthalene (91-57-6)	U		217	"	"	"
2-Methylphenol (95-48-7)	U		541	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		541	"	"	"
Naphthalene (91-20-3)	U		217	"	"	"
2-Nitroaniline (88-74-4)	U		866	"	"	"
3-Nitroaniline (99-09-2)	U		866	"	"	"
4-Nitroaniline (100-01-6)	U		866	"	"	"
Nitrobenzene (98-95-3)	U		541	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-14 **Station ID: WA-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 10.276g
%Solids: 89.89

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		541	1	08/23/12	08/27/12
4-Nitrophenol (100-02-7)	U		1,410	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		541	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		541	"	"	"
Pentachlorophenol (87-86-5)	U		541	"	"	"
Phenanthrene (85-01-8)	U		217	"	"	"
Phenol (108-95-2)	U		541	"	"	"
Pyrene (129-00-0)	U		217	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		541	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		541	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		541	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208012-14 **Station ID: WA-01-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/15/12
Sample Wt: 6.021g
%Solids: 89.89

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	16.0		34.6 #	42-108	11/15/12	12/19/12
2-Fluorobiphenyl	21.7		47.0 #	51-103	"	"
Terphenyl-d14	24.3		52.5 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	9.2	1.25	11/15/12	12/19/12
Acenaphthylene (208-96-8)	U	RL	9.2	"	"	"
Anthracene (120-12-7)	U		4.6	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.6	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.6	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**9.5**	**J**	4.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**4.6**	**J**	4.6	"	"	"
Chrysene (218-01-9)	**18.1**	**J**	4.6	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.6	"	"	"
Fluoranthene (206-44-0)	U		4.6	"	"	"
Fluorene (86-73-7)	U	RL	9.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.6	"	"	"
2-Methylnaphthalene (91-57-6)	**5.0**	**J**	4.6	"	"	"
Naphthalene (91-20-3)	U	RL	13.9	"	"	"
Phenanthrene (85-01-8)	U		4.6	"	"	"
Pyrene (129-00-0)	**7.0**	**J**	4.6	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-15 **Station ID: NCI-1-120815-21**

Batch: B2H1606 Date Collected: 08/15/12
Sample Type: Liquid Sample Vol: 999ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	52.2		69.5	39-109	08/17/12	08/23/12
Phenol-d5	60.6		80.7	41-107	"	"
2-Chlorophenol-d4	56.4		75.1	45-104	"	"
1,2-Dichlorobenzene-d4	27.2		54.3	34-100	"	"
Nitrobenzene-d5	37.4		74.8	41-128	"	"
2-Fluorobiphenyl	42.8		85.6	46-108	"	"
2,4,6-Tribromophenol	95.7		128	51-143	"	"
Terphenyl-d14	56.5		113	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		2.0	1	08/17/12	08/23/12
Acenaphthylene (208-96-8)	U		2.0	"	"	"
Acetophenone (98-86-2)	U		5.0	"	"	"
Anthracene (120-12-7)	U		2.0	"	"	"
Atrazine (1912-24-9)	U		5.0	"	"	"
Benzaldehyde (100-52-7)	U		5.0	"	"	"
Benzoic acid (65-85-0)	U		10.0	"	"	"
Benzo (a) anthracene (56-55-3)	U		5.0	"	"	"
Benzo (a) pyrene (50-32-8)	U		5.0	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		5.0	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		5.0	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		5.0	"	"	"
Benzyl alcohol (100-51-6)	U		5.0	"	"	"
1,1'-Biphenyl (92-52-4)	U		5.0	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		5.0	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		5.0	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		5.0	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		5.0	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		5.0	"	"	"
Butyl benzyl phthalate (85-68-7)	U		5.0	"	"	"
Carbazole (86-74-8)	U		5.0	"	"	"
Caprolactam (105-60-2)	U		5.0	"	"	"
4-Chloroaniline (106-47-8)	U		5.0	"	"	"
2-Chloronaphthalene (91-58-7)	U		5.0	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-15 **Station ID: NCI-1-120815-21**

Batch: B2H1606 Date Collected: 08/15/12
Sample Type: Liquid Sample Vol: 999ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		5.0	1	08/17/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		5.0	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		5.0	"	"	"
Chrysene (218-01-9)	U		5.0	"	"	"
Dibenzofuran (132-64-9)	U		5.0	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		5.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		5.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		5.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		5.0	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		5.0	"	"	"
2,4-Dichlorophenol (120-83-2)	U		5.0	"	"	"
Diethyl phthalate (84-66-2)	U		5.0	"	"	"
2,4-Dimethylphenol (105-67-9)	U		5.0	"	"	"
Dimethyl phthalate (131-11-3)	U		5.0	"	"	"
2,4-Dinitrophenol (51-28-5)	U		20.0	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		5.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		5.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		20.0	"	"	"
Di-n-butyl phthalate (84-74-2)	U		5.0	"	"	"
Di-n-octyl phthalate (117-84-0)	U		5.0	"	"	"
Fluoranthene (206-44-0)	U		2.0	"	"	"
Fluorene (86-73-7)	U		2.0	"	"	"
Hexachlorobenzene (118-74-1)	U		5.0	"	"	"
Hexachlorobutadiene (87-68-3)	U		5.0	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		5.0	"	"	"
Hexachloroethane (67-72-1)	U		5.0	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		5.0	"	"	"
Isophorone (78-59-1)	U		5.0	"	"	"
2-Methylnaphthalene (91-57-6)	U		2.0	"	"	"
2-Methylphenol (95-48-7)	U		5.0	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		5.0	"	"	"
Naphthalene (91-20-3)	U		2.0	"	"	"
2-Nitroaniline (88-74-4)	U		8.0	"	"	"
3-Nitroaniline (99-09-2)	U		8.0	"	"	"
4-Nitroaniline (100-01-6)	U		8.0	"	"	"
Nitrobenzene (98-95-3)	U		5.0	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208012-15 **Station ID: NCI-1-120815-21**

Batch: B2H1606 Date Collected: 08/15/12
Sample Type: Liquid Sample Vol: 999ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		5.0	1	08/17/12	08/23/12
4-Nitrophenol (100-02-7)	U		13.0	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		5.0	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		5.0	"	"	"
Pentachlorophenol (87-86-5)	U		5.0	"	"	"
Phenanthrene (85-01-8)	U		2.0	"	"	"
Phenol (108-95-2)	U		5.0	"	"	"
Pyrene (129-00-0)	U		2.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		5.0	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		5.0	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-01 **Station ID: BG-01-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1047ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	58.4		81.5	39-109	08/20/12	08/23/12
Phenol-d5	56.4		78.8	41-107	"	"
2-Chlorophenol-d4	56.8		79.2	45-104	"	"
1,2-Dichlorobenzene-d4	33.5		70.2	34-100	"	"
Nitrobenzene-d5	38.4		80.4	41-128	"	"
2-Fluorobiphenyl	37.4		78.3	46-108	"	"
2,4,6-Tribromophenol	74.8		104	51-143	"	"
Terphenyl-d14	41.3		86.4	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/20/12	08/23/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.8	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.8	"	"	"
Benzaldehyde (100-52-7)	U		4.8	"	"	"
Benzoic acid (65-85-0)	U		9.6	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.8	"	"	"
Benzyl alcohol (100-51-6)	U		4.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.8	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		4.8	"	"	"
Caprolactam (105-60-2)	U		4.8	"	"	"
4-Chloroaniline (106-47-8)	U		4.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-01 **Station ID: BG-01-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1047ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.8	1	08/20/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.8	"	"	"
Chrysene (218-01-9)	U		4.8	"	"	"
Dibenzofuran (132-64-9)	U		4.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.8	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.8	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.8	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.1	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.8	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.8	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.1	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.8	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.8	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.8	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.8	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.8	"	"	"
Isophorone (78-59-1)	U		4.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.8	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.6	"	"	"
3-Nitroaniline (99-09-2)	U		7.6	"	"	"
4-Nitroaniline (100-01-6)	U		7.6	"	"	"
Nitrobenzene (98-95-3)	U		4.8	"	"	"

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Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-01 **Station ID: BG-01-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1047ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.8	1	08/20/12	08/23/12
4-Nitrophenol (100-02-7)	U		12.4	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.8	"	"	"
Pentachlorophenol (87-86-5)	U		4.8	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.8	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.8	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.8	"	"	"

DS

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-01 **Station ID: BG-01-00-11-120816**

Batch: B2K0201 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 100ml Sample Qualifiers: **A HTS**

Surrogates

Analyte	Result ng/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	330		66.0	41-128	11/06/12	11/26/12
2-Fluorobiphenyl	331		66.2	46-108	"	"
Terphenyl-d14	440		88.0	60-133	"	"

Targets

Analyte (CAS Number)	Result ng/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		200	1	11/06/12	11/26/12
Acenaphthylene (208-96-8)	U		200	"	"	"
Anthracene (120-12-7)	U		200	"	"	"
Benzo (a) anthracene (56-55-3)	U		200	"	"	"
Benzo (a) pyrene (50-32-8)	U		200	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	U		200	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		200	"	"	"
Chrysene (218-01-9)	U		200	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		200	"	"	"
Fluoranthene (206-44-0)	U		200	"	"	"
Fluorene (86-73-7)	U		200	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		200	"	"	"
2-Methylnaphthalene (91-57-6)	U		200	"	"	"
Naphthalene (91-20-3)	U		200	"	"	"
Phenanthrene (85-01-8)	U		200	"	"	"
Pyrene (129-00-0)	U		200	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-02 **Station ID: BG-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.062g
%Solids: 71.38

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3,920		37.6 #	38-101	08/23/12	08/29/12
Phenol-d5	7,540		72.2	42-105	"	"
2-Chlorophenol-d4	6,020		57.7	40-100	"	"
1,2-Dichlorobenzene-d4	2,640		38.0	37-100	"	"
Nitrobenzene-d5	3,540		50.9	42-108	"	"
2-Fluorobiphenyl	5,730		82.3	51-103	"	"
2,4,6-Tribromophenol	11,100		106	55-115	"	"
Terphenyl-d14	5,520		79.2	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		278	1	08/23/12	08/29/12
Acenaphthylene (208-96-8)	U		278	"	"	"
Acetophenone (98-86-2)	U		696	"	"	"
Anthracene (120-12-7)	U		278	"	"	"
Atrazine (1912-24-9)	U		696	"	"	"
Benzaldehyde (100-52-7)	U		696	"	"	"
Benzoic acid (65-85-0)	U		1,390	"	"	"
Benzo (a) anthracene (56-55-3)	U		696	"	"	"
Benzo (a) pyrene (50-32-8)	U		696	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		696	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		696	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		696	"	"	"
Benzyl alcohol (100-51-6)	U		696	"	"	"
1,1'-Biphenyl (92-52-4)	U		696	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		696	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		696	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		696	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		696	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		696	"	"	"
Butyl benzyl phthalate (85-68-7)	U		696	"	"	"
Carbazole (86-74-8)	U		696	"	"	"
Caprolactam (105-60-2)	U		696	"	"	"
4-Chloroaniline (106-47-8)	U		696	"	"	"
2-Chloronaphthalene (91-58-7)	U		696	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-02 **Station ID: BG-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.062g
%Solids: 71.38

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		696	1	08/23/12	08/29/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		696	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		696	"	"	"
Chrysene (218-01-9)	U		696	"	"	"
Dibenzofuran (132-64-9)	U		696	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		696	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		696	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		696	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		696	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		696	"	"	"
2,4-Dichlorophenol (120-83-2)	U		696	"	"	"
Diethyl phthalate (84-66-2)	U		696	"	"	"
2,4-Dimethylphenol (105-67-9)	U		696	"	"	"
Dimethyl phthalate (131-11-3)	U		696	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,780	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		696	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		696	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,780	"	"	"
Di-n-butyl phthalate (84-74-2)	U		696	"	"	"
Di-n-octyl phthalate (117-84-0)	U		696	"	"	"
Fluoranthene (206-44-0)	U		278	"	"	"
Fluorene (86-73-7)	U		278	"	"	"
Hexachlorobenzene (118-74-1)	U		696	"	"	"
Hexachlorobutadiene (87-68-3)	U		696	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		696	"	"	"
Hexachloroethane (67-72-1)	U		696	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		696	"	"	"
Isophorone (78-59-1)	U		696	"	"	"
2-Methylnaphthalene (91-57-6)	U		278	"	"	"
2-Methylphenol (95-48-7)	U		696	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		696	"	"	"
Naphthalene (91-20-3)	U		278	"	"	"
2-Nitroaniline (88-74-4)	U		1,110	"	"	"
3-Nitroaniline (99-09-2)	U		1,110	"	"	"
4-Nitroaniline (100-01-6)	U		1,110	"	"	"
Nitrobenzene (98-95-3)	U		696	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-02 **Station ID: BG-01-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.062g
%Solids: 71.38

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		696	1	08/23/12	08/29/12
4-Nitrophenol (100-02-7)	U		1,810	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		696	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		696	"	"	"
Pentachlorophenol (87-86-5)	U		696	"	"	"
Phenanthrene (85-01-8)	U		278	"	"	"
Phenol (108-95-2)	U		696	"	"	"
Pyrene (129-00-0)	U		278	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		696	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		696	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		696	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-02 **Station ID: BG-01-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 6.037g
%Solids: 71.38

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	30.7		52.9	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	31.7		54.6	51-103	"	"
Terphenyl-d14	32.1		55.3	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		5.8	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U		5.8	"	"	"
Anthracene (120-12-7)	U		5.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		5.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		5.8	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**7.3**	**J**	5.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		5.8	"	"	"
Chrysene (218-01-9)	**10.5**	**J**	5.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		5.8	"	"	"
Fluoranthene (206-44-0)	U		5.8	"	"	"
Fluorene (86-73-7)	U		5.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		5.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		5.8	"	"	"
Naphthalene (91-20-3)	U		5.8	"	"	"
Phenanthrene (85-01-8)	U		5.8	"	"	"
Pyrene (129-00-0)	**8.1**	**J**	5.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-03 **Station ID: SED-04-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.107g
%Solids: 75.87

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3,470		35.4 #	38-101	08/23/12	08/30/12
Phenol-d5	6,880		70.3	42-105	"	"
2-Chlorophenol-d4	5,650		57.7	40-100	"	"
1,2-Dichlorobenzene-d4	2,870		44.0	37-100	"	"
Nitrobenzene-d5	3,540		54.3	42-108	"	"
2-Fluorobiphenyl	6,220		95.4	51-103	"	"
2,4,6-Tribromophenol	9,910		101	55-115	"	"
Terphenyl-d14	5,230		80.3	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		261	1	08/23/12	08/30/12
Acenaphthylene (208-96-8)	U		261	"	"	"
Acetophenone (98-86-2)	U		652	"	"	"
Anthracene (120-12-7)	U		261	"	"	"
Atrazine (1912-24-9)	U		652	"	"	"
Benzaldehyde (100-52-7)	U		652	"	"	"
Benzoic acid (65-85-0)	U		1,300	"	"	"
Benzo (a) anthracene (56-55-3)	U		652	"	"	"
Benzo (a) pyrene (50-32-8)	U		652	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		652	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		652	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		652	"	"	"
Benzyl alcohol (100-51-6)	U		652	"	"	"
1,1'-Biphenyl (92-52-4)	U		652	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		652	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		652	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		652	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		652	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		652	"	"	"
Butyl benzyl phthalate (85-68-7)	U		652	"	"	"
Carbazole (86-74-8)	U		652	"	"	"
Caprolactam (105-60-2)	U		652	"	"	"
4-Chloroaniline (106-47-8)	U		652	"	"	"
2-Chloronaphthalene (91-58-7)	U		652	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-03 **Station ID: SED-04-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.107g
%Solids: 75.87

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		652	1	08/23/12	08/30/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		652	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		652	"	"	"
Chrysene (218-01-9)	U		652	"	"	"
Dibenzofuran (132-64-9)	U		652	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		652	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		652	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		652	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		652	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		652	"	"	"
2,4-Dichlorophenol (120-83-2)	U		652	"	"	"
Diethyl phthalate (84-66-2)	U		652	"	"	"
2,4-Dimethylphenol (105-67-9)	U		652	"	"	"
Dimethyl phthalate (131-11-3)	U		652	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,610	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		652	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		652	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,610	"	"	"
Di-n-butyl phthalate (84-74-2)	U		652	"	"	"
Di-n-octyl phthalate (117-84-0)	U		652	"	"	"
Fluoranthene (206-44-0)	U		261	"	"	"
Fluorene (86-73-7)	U		261	"	"	"
Hexachlorobenzene (118-74-1)	U		652	"	"	"
Hexachlorobutadiene (87-68-3)	U		652	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		652	"	"	"
Hexachloroethane (67-72-1)	U		652	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		652	"	"	"
Isophorone (78-59-1)	U		652	"	"	"
2-Methylnaphthalene (91-57-6)	U		261	"	"	"
2-Methylphenol (95-48-7)	U		652	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		652	"	"	"
Naphthalene (91-20-3)	U		261	"	"	"
2-Nitroaniline (88-74-4)	U		1,040	"	"	"
3-Nitroaniline (99-09-2)	U		1,040	"	"	"
4-Nitroaniline (100-01-6)	U		1,040	"	"	"
Nitrobenzene (98-95-3)	U		652	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-03 **Station ID: SED-04-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.107g
%Solids: 75.87

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		652	1	08/23/12	08/30/12
4-Nitrophenol (100-02-7)	U		1,700	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		652	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		652	"	"	"
Pentachlorophenol (87-86-5)	U		652	"	"	"
Phenanthrene (85-01-8)	U		261	"	"	"
Phenol (108-95-2)	U		652	"	"	"
Pyrene (129-00-0)	U		261	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		652	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		652	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		652	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-03 **Station ID: SED-04-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 6.192g
%Solids: 75.87

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	11.1		20.8 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	17.5		32.8 #	51-103	"	"
Terphenyl-d14	24.0		45.1 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	16.0	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	16.0	"	"	"
Anthracene (120-12-7)	U	RL	10.6	"	"	"
Benzo (a) anthracene (56-55-3)	U	RL	10.6	"	"	"
Benzo (a) pyrene (50-32-8)	U	RL	10.6	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	U	RL	10.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U	RL	10.6	"	"	"
Chrysene (218-01-9)	**12.1**	**J**	5.3	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	10.6	"	"	"
Fluoranthene (206-44-0)	U	RL	10.6	"	"	"
Fluorene (86-73-7)	U	RL	16.0	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U	RL	10.6	"	"	"
2-Methylnaphthalene (91-57-6)	U	RL	26.6	"	"	"
Naphthalene (91-20-3)	U	RL	26.6	"	"	"
Phenanthrene (85-01-8)	U	RL	10.6	"	"	"
Pyrene (129-00-0)	**8.4**	**J**	5.3	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-04 **Station ID: SW-04-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1045ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	53.2		74.2	39-109	08/20/12	08/23/12
Phenol-d5	51.9		72.3	41-107	"	"
2-Chlorophenol-d4	52.1		72.5	45-104	"	"
1,2-Dichlorobenzene-d4	30.7		64.1	34-100	"	"
Nitrobenzene-d5	36.4		76.1	41-128	"	"
2-Fluorobiphenyl	35.0		73.2	46-108	"	"
2,4,6-Tribromophenol	75.7		105	51-143	"	"
Terphenyl-d14	41.6		86.9	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/20/12	08/23/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.8	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.8	"	"	"
Benzaldehyde (100-52-7)	U		4.8	"	"	"
Benzoic acid (65-85-0)	U		9.6	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.8	"	"	"
Benzyl alcohol (100-51-6)	U		4.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.8	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		4.8	"	"	"
Caprolactam (105-60-2)	U		4.8	"	"	"
4-Chloroaniline (106-47-8)	U		4.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-04 **Station ID: SW-04-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1045ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.8	1	08/20/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.8	"	"	"
Chrysene (218-01-9)	U		4.8	"	"	"
Dibenzofuran (132-64-9)	U		4.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.8	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.8	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.8	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.1	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.8	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.8	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.1	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.8	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.8	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.8	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.8	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.8	"	"	"
Isophorone (78-59-1)	U		4.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.8	"	"	"
Naphthalene (91-20-3)	U		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.7	"	"	"
3-Nitroaniline (99-09-2)	U		7.7	"	"	"
4-Nitroaniline (100-01-6)	U		7.7	"	"	"
Nitrobenzene (98-95-3)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-04 **Station ID: SW-04-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1045ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.8	1	08/20/12	08/23/12
4-Nitrophenol (100-02-7)	U		12.4	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.8	"	"	"
Pentachlorophenol (87-86-5)	U		4.8	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.8	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.8	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.8	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-05 **Station ID: SED-05-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.214g
%Solids: 74.07

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	2,890		29.2 #	38-101	08/23/12	08/30/12
Phenol-d5	6,300		63.5	42-105	"	"
2-Chlorophenol-d4	5,140		51.9	40-100	"	"
1,2-Dichlorobenzene-d4	2,580		39.0	37-100	"	"
Nitrobenzene-d5	3,280		49.6	42-108	"	"
2-Fluorobiphenyl	6,130		92.7	51-103	"	"
2,4,6-Tribromophenol	9,620		97.0	55-115	"	"
Terphenyl-d14	4,780		72.3	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		264	1	08/23/12	08/30/12
Acenaphthylene (208-96-8)	U		264	"	"	"
Acetophenone (98-86-2)	U		661	"	"	"
Anthracene (120-12-7)	U		264	"	"	"
Atrazine (1912-24-9)	U		661	"	"	"
Benzaldehyde (100-52-7)	U		661	"	"	"
Benzoic acid (65-85-0)	U		1,320	"	"	"
Benzo (a) anthracene (56-55-3)	U		661	"	"	"
Benzo (a) pyrene (50-32-8)	U		661	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		661	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		661	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		661	"	"	"
Benzyl alcohol (100-51-6)	U		661	"	"	"
1,1'-Biphenyl (92-52-4)	U		661	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		661	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		661	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		661	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		661	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		661	"	"	"
Butyl benzyl phthalate (85-68-7)	U		661	"	"	"
Carbazole (86-74-8)	U		661	"	"	"
Caprolactam (105-60-2)	U		661	"	"	"
4-Chloroaniline (106-47-8)	U		661	"	"	"
2-Chloronaphthalene (91-58-7)	U		661	"	"	"

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Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-05 **Station ID: SED-05-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.214g
%Solids: 74.07

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		661	1	08/23/12	08/30/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		661	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		661	"	"	"
Chrysene (218-01-9)	U		661	"	"	"
Dibenzofuran (132-64-9)	U		661	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		661	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		661	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		661	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		661	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		661	"	"	"
2,4-Dichlorophenol (120-83-2)	U		661	"	"	"
Diethyl phthalate (84-66-2)	U		661	"	"	"
2,4-Dimethylphenol (105-67-9)	U		661	"	"	"
Dimethyl phthalate (131-11-3)	U		661	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,640	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		661	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		661	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,640	"	"	"
Di-n-butyl phthalate (84-74-2)	U		661	"	"	"
Di-n-octyl phthalate (117-84-0)	U		661	"	"	"
Fluoranthene (206-44-0)	U		264	"	"	"
Fluorene (86-73-7)	U		264	"	"	"
Hexachlorobenzene (118-74-1)	U		661	"	"	"
Hexachlorobutadiene (87-68-3)	U		661	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		661	"	"	"
Hexachloroethane (67-72-1)	U		661	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		661	"	"	"
Isophorone (78-59-1)	U		661	"	"	"
2-Methylnaphthalene (91-57-6)	U		264	"	"	"
2-Methylphenol (95-48-7)	U		661	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		661	"	"	"
Naphthalene (91-20-3)	U		264	"	"	"
2-Nitroaniline (88-74-4)	U		1,060	"	"	"
3-Nitroaniline (99-09-2)	U		1,060	"	"	"
4-Nitroaniline (100-01-6)	U		1,060	"	"	"
Nitrobenzene (98-95-3)	U		661	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-05 **Station ID: SED-05-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.214g
%Solids: 74.07

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		661	1	08/23/12	08/30/12
4-Nitrophenol (100-02-7)	U		1,720	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		661	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		661	"	"	"
Pentachlorophenol (87-86-5)	U		661	"	"	"
Phenanthrene (85-01-8)	U		264	"	"	"
Phenol (108-95-2)	U		661	"	"	"
Pyrene (129-00-0)	U		264	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		661	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		661	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		661	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-05 **Station ID: SED-05-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 6.183g
%Solids: 74.07

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	23.1		42.3	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	30.3		55.5	51-103	"	"
Terphenyl-d14	33.3		61.0	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		5.5	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U		5.5	"	"	"
Anthracene (120-12-7)	**6.1**	**J**	5.5	"	"	"
Benzo (a) anthracene (56-55-3)	**28.6**	**J**	5.5	"	"	"
Benzo (a) pyrene (50-32-8)	**25.4**	**J**	5.5	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**33.0**	**J**	5.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**14.5**	**J**	5.5	"	"	"
Chrysene (218-01-9)	**90.5**	**J**	5.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		5.5	"	"	"
Fluoranthene (206-44-0)	**8.5**	**J**	5.5	"	"	"
Fluorene (86-73-7)	U		5.5	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		5.5	"	"	"
2-Methylnaphthalene (91-57-6)	**12.8**	**J**	5.5	"	"	"
Naphthalene (91-20-3)	**15.3**	**J**	5.5	"	"	"
Phenanthrene (85-01-8)	**11.8**	**J**	5.5	"	"	"
Pyrene (129-00-0)	**76.1**	**J**	5.5	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-06 **Station ID: SW-05-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	190		75.9	39-109	08/20/12	08/23/12
Phenol-d5	187		74.6	41-107	"	"
2-Chlorophenol-d4	185		74.1	45-104	"	"
1,2-Dichlorobenzene-d4	95.9		57.6	34-100	"	"
Nitrobenzene-d5	126		75.5	41-128	"	"
2-Fluorobiphenyl	125		74.7	46-108	"	"
2,4,6-Tribromophenol	254		102	51-143	"	"
Terphenyl-d14	167		100	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/20/12	08/23/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-06 **Station ID: SW-05-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/20/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-06 **Station ID: SW-05-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/20/12	08/23/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-07 **Station ID: DD-05-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.324g
%Solids: 57.09

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	4,390		34.5 #	38-101	08/23/12	08/30/12
Phenol-d5	9,370		73.6	42-105	"	"
2-Chlorophenol-d4	7,680		60.4	40-100	"	"
1,2-Dichlorobenzene-d4	3,780		44.6	37-100	"	"
Nitrobenzene-d5	4,820		56.8	42-108	"	"
2-Fluorobiphenyl	7,760		91.5	51-103	"	"
2,4,6-Tribromophenol	12,300		96.5	55-115	"	"
Terphenyl-d14	6,000		70.7	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		339	1	08/23/12	08/30/12
Acenaphthylene (208-96-8)	U		339	"	"	"
Acetophenone (98-86-2)	U		848	"	"	"
Anthracene (120-12-7)	U		339	"	"	"
Atrazine (1912-24-9)	U		848	"	"	"
Benzaldehyde (100-52-7)	U		848	"	"	"
Benzoic acid (65-85-0)	U		1,700	"	"	"
Benzo (a) anthracene (56-55-3)	U		848	"	"	"
Benzo (a) pyrene (50-32-8)	U		848	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		848	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		848	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		848	"	"	"
Benzyl alcohol (100-51-6)	U		848	"	"	"
1,1'-Biphenyl (92-52-4)	U		848	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		848	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		848	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		848	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		848	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		848	"	"	"
Butyl benzyl phthalate (85-68-7)	U		848	"	"	"
Carbazole (86-74-8)	U		848	"	"	"
Caprolactam (105-60-2)	U		848	"	"	"
4-Chloroaniline (106-47-8)	U		848	"	"	"
2-Chloronaphthalene (91-58-7)	U		848	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-07 **Station ID: DD-05-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.324g
%Solids: 57.09

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		848	1	08/23/12	08/30/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		848	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		848	"	"	"
Chrysene (218-01-9)	U		848	"	"	"
Dibenzofuran (132-64-9)	U		848	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		848	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		848	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		848	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		848	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		848	"	"	"
2,4-Dichlorophenol (120-83-2)	U		848	"	"	"
Diethyl phthalate (84-66-2)	U		848	"	"	"
2,4-Dimethylphenol (105-67-9)	U		848	"	"	"
Dimethyl phthalate (131-11-3)	U		848	"	"	"
2,4-Dinitrophenol (51-28-5)	U		3,390	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		848	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		848	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		3,390	"	"	"
Di-n-butyl phthalate (84-74-2)	U		848	"	"	"
Di-n-octyl phthalate (117-84-0)	U		848	"	"	"
Fluoranthene (206-44-0)	U		339	"	"	"
Fluorene (86-73-7)	U		339	"	"	"
Hexachlorobenzene (118-74-1)	U		848	"	"	"
Hexachlorobutadiene (87-68-3)	U		848	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		848	"	"	"
Hexachloroethane (67-72-1)	U		848	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		848	"	"	"
Isophorone (78-59-1)	U		848	"	"	"
2-Methylnaphthalene (91-57-6)	U		339	"	"	"
2-Methylphenol (95-48-7)	U		848	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		848	"	"	"
Naphthalene (91-20-3)	U		339	"	"	"
2-Nitroaniline (88-74-4)	U		1,360	"	"	"
3-Nitroaniline (99-09-2)	U		1,360	"	"	"
4-Nitroaniline (100-01-6)	U		1,360	"	"	"
Nitrobenzene (98-95-3)	U		848	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-07 **Station ID: DD-05-03-51**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.324g
%Solids: 57.09

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		848	1	08/23/12	08/30/12
4-Nitrophenol (100-02-7)	U		2,210	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		848	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		848	"	"	"
Pentachlorophenol (87-86-5)	U		848	"	"	"
Phenanthrene (85-01-8)	U		339	"	"	"
Phenol (108-95-2)	U		848	"	"	"
Pyrene (129-00-0)	U		339	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		848	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		848	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		848	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-07 **Station ID: DD-05-03-51**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 2.093g
%Solids: 57.09

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	59.2		28.3 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	83.7		40.0 #	51-103	"	"
Terphenyl-d14	89.0		42.5 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	41.8	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	41.8	"	"	"
Anthracene (120-12-7)	U	RL	41.8	"	"	"
Benzo (a) anthracene (56-55-3)	U	RL	41.8	"	"	"
Benzo (a) pyrene (50-32-8)	U	RL	41.8	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**40.9**	**J**	20.9	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U	RL	41.8	"	"	"
Chrysene (218-01-9)	**118**	**J**	20.9	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U	RL	41.8	"	"	"
Fluoranthene (206-44-0)	U	RL	41.8	"	"	"
Fluorene (86-73-7)	U	RL	41.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U	RL	41.8	"	"	"
2-Methylnaphthalene (91-57-6)	U	RL	83.7	"	"	"
Naphthalene (91-20-3)	U	RL	83.7	"	"	"
Phenanthrene (85-01-8)	U	RL	41.8	"	"	"
Pyrene (129-00-0)	**40.3**	**J**	20.9	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-08 **Station ID: OP-02-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	174		69.4	39-109	08/20/12	08/23/12
Phenol-d5	178		71.1	41-107	"	"
2-Chlorophenol-d4	173		69.3	45-104	"	"
1,2-Dichlorobenzene-d4	87.9		52.7	34-100	"	"
Nitrobenzene-d5	120		72.2	41-128	"	"
2-Fluorobiphenyl	148		88.8	46-108	"	"
2,4,6-Tribromophenol	296		118	51-143	"	"
Terphenyl-d14	180		108	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/20/12	08/23/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-08 **Station ID: OP-02-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/20/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-08 **Station ID: OP-02-00-11-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/20/12	08/23/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-09 **Station ID: DD-05-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.255g
%Solids: 68.46

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg (dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3,700		34.7 #	38-101	08/23/12	08/30/12
Phenol-d5	7,400		69.3	42-105	"	"
2-Chlorophenol-d4	6,140		57.5	40-100	"	"
1,2-Dichlorobenzene-d4	3,260		45.8	37-100	"	"
Nitrobenzene-d5	3,980		55.9	42-108	"	"
2-Fluorobiphenyl	6,750		94.8	51-103	"	"
2,4,6-Tribromophenol	8,950		83.8	55-115	"	"
Terphenyl-d14	4,960		69.6	55-125	"	"

Targets

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		285	1	08/23/12	08/30/12
Acenaphthylene (208-96-8)	U		285	"	"	"
Acetophenone (98-86-2)	U		712	"	"	"
Anthracene (120-12-7)	U		285	"	"	"
Atrazine (1912-24-9)	U		712	"	"	"
Benzaldehyde (100-52-7)	U		712	"	"	"
Benzoic acid (65-85-0)	U		1,420	"	"	"
Benzo (a) anthracene (56-55-3)	U		712	"	"	"
Benzo (a) pyrene (50-32-8)	U		712	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		712	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		712	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		712	"	"	"
Benzyl alcohol (100-51-6)	U		712	"	"	"
1,1'-Biphenyl (92-52-4)	U		712	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		712	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		712	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		712	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		712	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		712	"	"	"
Butyl benzyl phthalate (85-68-7)	U		712	"	"	"
Carbazole (86-74-8)	U		712	"	"	"
Caprolactam (105-60-2)	U		712	"	"	"
4-Chloroaniline (106-47-8)	U		712	"	"	"
2-Chloronaphthalene (91-58-7)	U		712	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-09 **Station ID: DD-05-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.255g
%Solids: 68.46

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		712	1	08/23/12	08/30/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		712	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		712	"	"	"
Chrysene (218-01-9)	U		712	"	"	"
Dibenzofuran (132-64-9)	U		712	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		712	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		712	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		712	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		712	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		712	"	"	"
2,4-Dichlorophenol (120-83-2)	U		712	"	"	"
Diethyl phthalate (84-66-2)	U		712	"	"	"
2,4-Dimethylphenol (105-67-9)	U		712	"	"	"
Dimethyl phthalate (131-11-3)	U		712	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,850	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		712	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		712	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,850	"	"	"
Di-n-butyl phthalate (84-74-2)	U		712	"	"	"
Di-n-octyl phthalate (117-84-0)	U		712	"	"	"
Fluoranthene (206-44-0)	U		285	"	"	"
Fluorene (86-73-7)	U		285	"	"	"
Hexachlorobenzene (118-74-1)	U		712	"	"	"
Hexachlorobutadiene (87-68-3)	U		712	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		712	"	"	"
Hexachloroethane (67-72-1)	U		712	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		712	"	"	"
Isophorone (78-59-1)	U		712	"	"	"
2-Methylnaphthalene (91-57-6)	U		285	"	"	"
2-Methylphenol (95-48-7)	U		712	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		712	"	"	"
Naphthalene (91-20-3)	U		285	"	"	"
2-Nitroaniline (88-74-4)	U		1,140	"	"	"
3-Nitroaniline (99-09-2)	U		1,140	"	"	"
4-Nitroaniline (100-01-6)	U		1,140	"	"	"
Nitrobenzene (98-95-3)	U		712	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-09 **Station ID: DD-05-03-52**

Batch: B2H2202
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 10.255g
%Solids: 68.46

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg (dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		712	1	08/23/12	08/30/12
4-Nitrophenol (100-02-7)	U		1,850	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		712	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		712	"	"	"
Pentachlorophenol (87-86-5)	U		712	"	"	"
Phenanthrene (85-01-8)	U		285	"	"	"
Phenol (108-95-2)	U		712	"	"	"
Pyrene (129-00-0)	U		285	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		712	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		712	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		712	"	"	"

WD

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-09 **Station ID: DD-05-03-52**

Batch: B2K1402
Sample Type: Solid

Date Collected: 08/16/12
Sample Wt: 4.092g
%Solids: 68.46

Sample Qualifiers: **HTS**

Surrogates

Analyte	Result ug/Kg dry	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	30.2		33.8 #	42-108	11/15/12	12/20/12
2-Fluorobiphenyl	43.1		48.2 #	51-103	"	"
Terphenyl-d14	48.0		53.8 #	55-125	"	"

Targets

Analyte (CAS Number)	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U	RL	17.8	1.25	11/15/12	12/20/12
Acenaphthylene (208-96-8)	U	RL	17.8	"	"	"
Anthracene (120-12-7)	U		8.9	"	"	"
Benzo (a) anthracene (56-55-3)	U		8.9	"	"	"
Benzo (a) pyrene (50-32-8)	**18.4**	**J**	8.9	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**32.3**	**J**	8.9	"	"	"
Benzo (g,h,i) perylene (191-24-2)	**15.8**	**J**	8.9	"	"	"
Chrysene (218-01-9)	**165**	**J**	8.9	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		8.9	"	"	"
Fluoranthene (206-44-0)	U		8.9	"	"	"
Fluorene (86-73-7)	U	RL	17.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		8.9	"	"	"
2-Methylnaphthalene (91-57-6)	**32.7**	**J**	8.9	"	"	"
Naphthalene (91-20-3)	**32.6**	**J**	8.9	"	"	"
Phenanthrene (85-01-8)	**33.6**	**J**	8.9	"	"	"
Pyrene (129-00-0)	**35.0**	**J**	8.9	"	"	"

BJS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-10 **Station ID: OP-02-00-12-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	210		83.9	39-109	08/20/12	08/23/12
Phenol-d5	218		87.2	41-107	"	"
2-Chlorophenol-d4	211		84.5	45-104	"	"
1,2-Dichlorobenzene-d4	112		67.1	34-100	"	"
Nitrobenzene-d5	142		85.0	41-128	"	"
2-Fluorobiphenyl	162		97.0	46-108	"	"
2,4,6-Tribromophenol	291		116	51-143	"	"
Terphenyl-d14	182		109	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		6.7	1	08/20/12	08/23/12
Acenaphthylene (208-96-8)	U		6.7	"	"	"
Acetophenone (98-86-2)	U		16.7	"	"	"
Anthracene (120-12-7)	U		6.7	"	"	"
Atrazine (1912-24-9)	U		16.7	"	"	"
Benzaldehyde (100-52-7)	U		16.7	"	"	"
Benzoic acid (65-85-0)	U		33.3	"	"	"
Benzo (a) anthracene (56-55-3)	U		16.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		16.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		16.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		16.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		16.7	"	"	"
Benzyl alcohol (100-51-6)	U		16.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		16.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		16.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		16.7	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		16.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		16.7	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		16.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		16.7	"	"	"
Carbazole (86-74-8)	U		16.7	"	"	"
Caprolactam (105-60-2)	U		16.7	"	"	"
4-Chloroaniline (106-47-8)	U		16.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-10 **Station ID: OP-02-00-12-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		16.7	1	08/20/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		16.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		16.7	"	"	"
Chrysene (218-01-9)	U		16.7	"	"	"
Dibenzofuran (132-64-9)	U		16.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		16.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		16.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		16.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		16.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		16.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		16.7	"	"	"
Diethyl phthalate (84-66-2)	U		16.7	"	"	"
2,4-Dimethylphenol (105-67-9)	U		16.7	"	"	"
Dimethyl phthalate (131-11-3)	U		16.7	"	"	"
2,4-Dinitrophenol (51-28-5)	U		66.7	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		16.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		16.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		66.7	"	"	"
Di-n-butyl phthalate (84-74-2)	U		16.7	"	"	"
Di-n-octyl phthalate (117-84-0)	U		16.7	"	"	"
Fluoranthene (206-44-0)	U		6.7	"	"	"
Fluorene (86-73-7)	U		6.7	"	"	"
Hexachlorobenzene (118-74-1)	U		16.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		16.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		16.7	"	"	"
Hexachloroethane (67-72-1)	U		16.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		16.7	"	"	"
Isophorone (78-59-1)	U		16.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		6.7	"	"	"
2-Methylphenol (95-48-7)	U		16.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		16.7	"	"	"
Naphthalene (91-20-3)	U		6.7	"	"	"
2-Nitroaniline (88-74-4)	U		26.7	"	"	"
3-Nitroaniline (99-09-2)	U		26.7	"	"	"
4-Nitroaniline (100-01-6)	U		26.7	"	"	"
Nitrobenzene (98-95-3)	U		16.7	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-10 **Station ID: OP-02-00-12-120816**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 300ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		16.7	1	08/20/12	08/23/12
4-Nitrophenol (100-02-7)	U		43.3	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		16.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		16.7	"	"	"
Pentachlorophenol (87-86-5)	U		16.7	"	"	"
Phenanthrene (85-01-8)	U		6.7	"	"	"
Phenol (108-95-2)	U		16.7	"	"	"
Pyrene (129-00-0)	U		6.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		16.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		16.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		16.7	"	"	"

DS

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-11 **Station ID: IDW-01-00-21**

Batch: B2H2208 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 100ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	412		54.9	39-109	08/22/12	08/23/12
Phenol-d5	518		69.1	41-107	"	"
2-Chlorophenol-d4	517		68.9	45-104	"	"
1,2-Dichlorobenzene-d4	328		65.6	34-100	"	"
Nitrobenzene-d5	397		79.4	41-128	"	"
2-Fluorobiphenyl	400		80.0	46-108	"	"
2,4,6-Tribromophenol	718		95.7	51-143	"	"
Terphenyl-d14	422		84.4	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		200	10	08/22/12	08/23/12
Acenaphthylene (208-96-8)	U		200	"	"	"
Acetophenone (98-86-2)	U		500	"	"	"
Anthracene (120-12-7)	U		200	"	"	"
Atrazine (1912-24-9)	U		500	"	"	"
Benzaldehyde (100-52-7)	U		500	"	"	"
Benzoic acid (65-85-0)	U		1,000	"	"	"
Benzo (a) anthracene (56-55-3)	U		500	"	"	"
Benzo (a) pyrene (50-32-8)	U		500	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		500	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		500	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		500	"	"	"
Benzyl alcohol (100-51-6)	U		500	"	"	"
1,1'-Biphenyl (92-52-4)	U		500	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		500	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		500	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		500	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		500	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		500	"	"	"
Butyl benzyl phthalate (85-68-7)	U		500	"	"	"
Carbazole (86-74-8)	U		500	"	"	"
Caprolactam (105-60-2)	U		500	"	"	"
4-Chloroaniline (106-47-8)	U		500	"	"	"
2-Chloronaphthalene (91-58-7)	U		500	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-11 **Station ID: IDW-01-00-21**

Batch: B2H2208 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 100ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		500	10	08/22/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		500	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		500	"	"	"
Chrysene (218-01-9)	U		500	"	"	"
Dibenzofuran (132-64-9)	U		500	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		500	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		500	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		500	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		500	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		500	"	"	"
2,4-Dichlorophenol (120-83-2)	U		500	"	"	"
Diethyl phthalate (84-66-2)	U		500	"	"	"
2,4-Dimethylphenol (105-67-9)	U		500	"	"	"
Dimethyl phthalate (131-11-3)	U		500	"	"	"
2,4-Dinitrophenol (51-28-5)	U		2,000	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		500	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		500	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		2,000	"	"	"
Di-n-butyl phthalate (84-74-2)	U		500	"	"	"
Di-n-octyl phthalate (117-84-0)	U		500	"	"	"
Fluoranthene (206-44-0)	U		200	"	"	"
Fluorene (86-73-7)	U		200	"	"	"
Hexachlorobenzene (118-74-1)	U		500	"	"	"
Hexachlorobutadiene (87-68-3)	U		500	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		500	"	"	"
Hexachloroethane (67-72-1)	U		500	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		500	"	"	"
Isophorone (78-59-1)	U		500	"	"	"
2-Methylnaphthalene (91-57-6)	U		200	"	"	"
2-Methylphenol (95-48-7)	U		500	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		500	"	"	"
Naphthalene (91-20-3)	U		200	"	"	"
2-Nitroaniline (88-74-4)	U		800	"	"	"
3-Nitroaniline (99-09-2)	U		800	"	"	"
4-Nitroaniline (100-01-6)	U		800	"	"	"
Nitrobenzene (98-95-3)	U		500	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-11 **Station ID: IDW-01-00-21**

Batch: B2H2208 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 100ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		500	10	08/22/12	08/23/12
4-Nitrophenol (100-02-7)	U		1,300	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		500	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		500	"	"	"
Pentachlorophenol (87-86-5)	U		500	"	"	"
Phenanthrene (85-01-8)	U		200	"	"	"
Phenol (108-95-2)	U		500	"	"	"
Pyrene (129-00-0)	U		200	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		500	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		500	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		500	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-11 **Station ID: IDW-01-00-21**

Batch: B2K0201 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 10ml Sample Qualifiers: **A HTS**

Surrogates

Analyte	Result ng/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	3,300		66.0	41-128	11/06/12	11/26/12
2-Fluorobiphenyl	3,800		76.1	46-108	"	"
Terphenyl-d14	3,220		64.4	60-133	"	"

Targets

Analyte (CAS Number)	Result ng/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**7,350**	**J**	2,000	1	11/06/12	11/26/12
Acenaphthylene (208-96-8)	**3,120**	**J**	2,000	"	"	"
Anthracene (120-12-7)	**4,900**	**J**	2,000	"	"	"
Benzo (a) anthracene (56-55-3)	**4,200**	**J**	2,000	"	"	"
Benzo (a) pyrene (50-32-8)	U		2,000	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	U		2,000	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,000	"	"	"
Chrysene (218-01-9)	**11,000**	**J**	2,000	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,000	"	"	"
Fluoranthene (206-44-0)	**5,410**	**J**	2,000	"	"	"
Fluorene (86-73-7)	**4,610**	**J**	2,000	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,000	"	"	"
2-Methylnaphthalene (91-57-6)	**3,060**	**J**	2,000	"	"	"
Naphthalene (91-20-3)	**2,610**	**J**	2,000	"	"	"
Phenanthrene (85-01-8)	**9,450**	**J**	2,000	"	"	"
Pyrene (129-00-0)	**23,400**	**J**	2,000	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-12 **Station ID: NCI-3-120816-21**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1034ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/L	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	37.5		51.7	39-109	08/20/12	08/23/12
Phenol-d5	36.8		50.8	41-107	"	"
2-Chlorophenol-d4	39.9		55.1	45-104	"	"
1,2-Dichlorobenzene-d4	24.9		51.5	34-100	"	"
Nitrobenzene-d5	29.1		60.3	41-128	"	"
2-Fluorobiphenyl	33.9		70.1	46-108	"	"
2,4,6-Tribromophenol	68.3		94.2	51-143	"	"
Terphenyl-d14	43.6		90.2	60-133	"	"

Targets

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		1.9	1	08/20/12	08/23/12
Acenaphthylene (208-96-8)	U		1.9	"	"	"
Acetophenone (98-86-2)	U		4.8	"	"	"
Anthracene (120-12-7)	U		1.9	"	"	"
Atrazine (1912-24-9)	U		4.8	"	"	"
Benzaldehyde (100-52-7)	U		4.8	"	"	"
Benzoic acid (65-85-0)	U		9.7	"	"	"
Benzo (a) anthracene (56-55-3)	U		4.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		4.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		4.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		4.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		4.8	"	"	"
Benzyl alcohol (100-51-6)	U		4.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		4.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		4.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		4.8	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		4.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		4.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		4.8	"	"	"
Caprolactam (105-60-2)	U		4.8	"	"	"
4-Chloroaniline (106-47-8)	U		4.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-12 **Station ID: NCI-3-120816-21**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1034ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		4.8	1	08/20/12	08/23/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		4.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		4.8	"	"	"
Chrysene (218-01-9)	U		4.8	"	"	"
Dibenzofuran (132-64-9)	U		4.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.8	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		4.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		4.8	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		4.8	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		19.3	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		4.8	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		4.8	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		19.3	"	"	"
Di-n-butyl phthalate (84-74-2)	U		4.8	"	"	"
Di-n-octyl phthalate (117-84-0)	U		4.8	"	"	"
Fluoranthene (206-44-0)	U		1.9	"	"	"
Fluorene (86-73-7)	U		1.9	"	"	"
Hexachlorobenzene (118-74-1)	U		4.8	"	"	"
Hexachlorobutadiene (87-68-3)	U		4.8	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		4.8	"	"	"
Isophorone (78-59-1)	U		4.8	"	"	"
2-Methylnaphthalene (91-57-6)	**4.7**		1.9	"	"	"
2-Methylphenol (95-48-7)	U		4.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		4.8	"	"	"
Naphthalene (91-20-3)	**19.6**		1.9	"	"	"
2-Nitroaniline (88-74-4)	U		7.7	"	"	"
3-Nitroaniline (99-09-2)	U		7.7	"	"	"
4-Nitroaniline (100-01-6)	U		7.7	"	"	"
Nitrobenzene (98-95-3)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-12 **Station ID: NCI-3-120816-21**

Batch: B2H1701 Date Collected: 08/16/12
Sample Type: Liquid Sample Vol: 1034ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/L	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		4.8	1	08/20/12	08/23/12
4-Nitrophenol (100-02-7)	U		12.6	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		4.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		4.8	"	"	"
Pentachlorophenol (87-86-5)	U		4.8	"	"	"
Phenanthrene (85-01-8)	U		1.9	"	"	"
Phenol (108-95-2)	U		4.8	"	"	"
Pyrene (129-00-0)	U		1.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.8	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		4.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		4.8	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-13 **Station ID: MW-1-120816-21**

Batch: B2H2101 Date Collected: 08/16/12
Sample Type: Non-Aqueous Liquid Sample Wt: 0.108g Sample Qualifiers:

Surrogates

Analyte	Result µg/Kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
2-Fluorophenol	3.91E6		113	10-153	08/21/12	08/27/12
Phenol-d5	3.62E6		104	16-138	"	"
2-Chlorophenol-d4	3.51E6		101	16-135	"	"
1,2-Dichlorobenzene-d4	2.30E6		99.4	28-127	"	"
Nitrobenzene-d5	2.30E6		99.5	20-142	"	"
2-Fluorobiphenyl	2.40E6		104	40-129	"	"
2,4,6-Tribromophenol	4.04E6		116	10-151	"	"
Terphenyl-d14	2.22E6		95.8	29-129	"	"

Targets

Analyte (CAS Number)	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		92,600	1	08/21/12	08/27/12
Acenaphthylene (208-96-8)	U		92,600	"	"	"
Acetophenone (98-86-2)	U		231,000	"	"	"
Anthracene (120-12-7)	U		92,600	"	"	"
Atrazine (1912-24-9)	U		231,000	"	"	"
Benzaldehyde (100-52-7)	U		231,000	"	"	"
Benzoic acid (65-85-0)	U		463,000	"	"	"
Benzo (a) anthracene (56-55-3)	U		231,000	"	"	"
Benzo (a) pyrene (50-32-8)	U		231,000	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		231,000	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		231,000	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		231,000	"	"	"
Benzyl alcohol (100-51-6)	U		231,000	"	"	"
1,1'-Biphenyl (92-52-4)	U		231,000	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		231,000	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		231,000	"	"	"
Bis(2-chloro-1-methylethyl)ether (108-60-1)	U		231,000	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		231,000	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		231,000	"	"	"
Butyl benzyl phthalate (85-68-7)	U		231,000	"	"	"
Carbazole (86-74-8)	U		231,000	"	"	"
Caprolactam (105-60-2)	U		231,000	"	"	"
4-Chloroaniline (106-47-8)	U		231,000	"	"	"
2-Chloronaphthalene (91-58-7)	U		231,000	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-13 **Station ID: MW-1-120816-21**

Batch: B2H2101 Date Collected: 08/16/12
Sample Type: Non-Aqueous Liquid Sample Wt: 0.108g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		231,000	1	08/21/12	08/27/12
4-Chlorophenyl phenyl ether (7005-72-3)	U		231,000	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		231,000	"	"	"
Chrysene (218-01-9)	U		231,000	"	"	"
Dibenzofuran (132-64-9)	U		231,000	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		231,000	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		231,000	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		231,000	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		231,000	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		231,000	"	"	"
2,4-Dichlorophenol (120-83-2)	U		231,000	"	"	"
Diethyl phthalate (84-66-2)	U		231,000	"	"	"
2,4-Dimethylphenol (105-67-9)	U		231,000	"	"	"
Dimethyl phthalate (131-11-3)	U		231,000	"	"	"
2,4-Dinitrophenol (51-28-5)	U		926,000	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		231,000	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		231,000	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		926,000	"	"	"
Di-n-butyl phthalate (84-74-2)	U		231,000	"	"	"
Di-n-octyl phthalate (117-84-0)	U		231,000	"	"	"
Fluoranthene (206-44-0)	U		92,600	"	"	"
Fluorene (86-73-7)	U		92,600	"	"	"
Hexachlorobenzene (118-74-1)	U		231,000	"	"	"
Hexachlorobutadiene (87-68-3)	U		231,000	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		231,000	"	"	"
Hexachloroethane (67-72-1)	U		231,000	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		231,000	"	"	"
Isophorone (78-59-1)	U		231,000	"	"	"
2-Methylnaphthalene (91-57-6)	U		92,600	"	"	"
2-Methylphenol (95-48-7)	U		231,000	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		231,000	"	"	"
Naphthalene (91-20-3)	U		92,600	"	"	"
2-Nitroaniline (88-74-4)	U		370,000	"	"	"
3-Nitroaniline (99-09-2)	U		370,000	"	"	"
4-Nitroaniline (100-01-6)	U		370,000	"	"	"
Nitrobenzene (98-95-3)	U		231,000	"	"	"

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Semivolatiles by CLP OLM04.2 - GC/MS

Lab ID: 1208013-13 **Station ID: MW-1-120816-21**

Batch: B2H2101 Date Collected: 08/16/12
Sample Type: Non-Aqueous Liquid Sample Wt: 0.108g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		231,000	1	08/21/12	08/27/12
4-Nitrophenol (100-02-7)	U		602,000	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		231,000	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		231,000	"	"	"
Pentachlorophenol (87-86-5)	U		231,000	"	"	"
Phenanthrene (85-01-8)	U		92,600	"	"	"
Phenol (108-95-2)	U		231,000	"	"	"
Pyrene (129-00-0)	U		92,600	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		231,000	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		231,000	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		231,000	"	"	"

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Semivolatiles by EPA Method 8270 - GC/MS/MS

Lab ID: 1208013-13 **Station ID: MW-1-120816-21**

Batch: B2K0601 Date Collected: 08/16/12
Sample Type: Non-Aqueous Liquid Sample Wt: 0.109g Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/Kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Nitrobenzene-d5	11,600		50.4	20-142	11/06/12	12/13/12
2-Fluorobiphenyl	18,900		82.4	40-129	"	"
Terphenyl-d14	16,500		72.0	29-129	"	"

Targets

Analyte (CAS Number)	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	**8,460**	**J**	2,290	2.5	11/06/12	12/13/12
Acenaphthylene (208-96-8)	**2,740**	**J**	2,290	"	"	"
Anthracene (120-12-7)	**11,200**	**J**	2,290	"	"	"
Benzo (a) anthracene (56-55-3)	**9,480**	**J**	2,290	"	"	"
Benzo (a) pyrene (50-32-8)	**2,880**	**J**	2,290	"	"	"
Benzo (b &/or k) fluoranthene (205-99-2/207-08-9)	**2,420**	**J**	2,290	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		2,290	"	"	"
Chrysene (218-01-9)	**14,700**	**J**	2,290	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		2,290	"	"	"
Fluoranthene (206-44-0)	**4,110**	**J**	2,290	"	"	"
Fluorene (86-73-7)	**6,160**	**J**	2,290	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		2,290	"	"	"
2-Methylnaphthalene (91-57-6)	**3,490**	**J**	2,290	"	"	"
Naphthalene (91-20-3)	**2,630**	**J**	2,290	"	"	"
Phenanthrene (85-01-8)	**9,200**	**J**	2,290	"	"	"
Pyrene (129-00-0)	**32,800**	**J**	2,290	"	"	"

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Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1606 **Sample Type: Liquid**

Blank (B2H1606-BLK1)
Prepared: 8/17/2012 Analyzed: 8/22/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	63.7		75.0	84.9	39-109
Phenol-d5	63.1		75.0	84.2	41-107
2-Chlorophenol-d4	63.1		75.0	84.1	45-104
1,2-Dichlorobenzene-d4	33.8		50.0	67.6	34-100
Nitrobenzene-d5	42.2		50.0	84.4	41-128
2-Fluorobiphenyl	40.5		50.0	81.0	46-108
2,4,6-Tribromophenol	65.7		75.0	87.6	51-143
Terphenyl-d14	46.6		50.0	93.3	60-133

Blank (B2H1606-BLK1)
Prepared: 8/17/2012 Analyzed: 8/22/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		2.0
Acenaphthylene	U		2.0
Acetophenone	U		5.0
Anthracene	U		2.0
Atrazine	U		5.0
Benzaldehyde	U		5.0
Benzoic acid	U		10.0
Benzo (a) anthracene	U		5.0
Benzo (a) pyrene	U		5.0
Benzo (b) fluoranthene	U		5.0
Benzo (g,h,i) perylene	U		5.0
Benzo (k) fluoranthene	U		5.0
Benzyl alcohol	U		5.0
1,1'-Biphenyl	U		5.0
Bis(2-chloroethoxy)methane	U		5.0
Bis(2-chloroethyl)ether	U		5.0

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Batch: B2H1606 **Sample Type: Liquid**

Blank (B2H1606-BLK1)

Prepared: 8/17/2012 Analyzed: 8/22/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		5.0
Bis(2-ethylhexyl)phthalate	U		5.0
4-Bromophenyl phenyl ether	U		5.0
Butyl benzyl phthalate	U		5.0
Carbazole	U		5.0
Caprolactam	U		5.0
4-Chloroaniline	U		5.0
2-Chloronaphthalene	U		5.0
2-Chlorophenol	U		5.0
4-Chlorophenyl phenyl ether	U		5.0
4-Chloro-3-methylphenol	U		5.0
Chrysene	U		5.0
Dibenzofuran	U		5.0
Dibenz (a,h) anthracene	U		5.0
1,2-Dichlorobenzene	U		5.0
1,3-Dichlorobenzene	U		5.0
1,4-Dichlorobenzene	U		5.0
3,3´-Dichlorobenzidine	U		5.0
2,4-Dichlorophenol	U		5.0
Diethyl phthalate	U		5.0
2,4-Dimethylphenol	U		5.0
Dimethyl phthalate	U		5.0
2,4-Dinitrophenol	U		20.0
2,4-Dinitrotoluene	U		5.0
2,6-Dinitrotoluene	U		5.0
4,6-Dinitro-2-methylphenol	U		20.0
Di-n-butyl phthalate	U		5.0
Di-n-octyl phthalate	U		5.0
Fluoranthene	U		2.0
Fluorene	U		2.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1606 **Sample Type: Liquid**

Blank (B2H1606-BLK1)

Prepared: 8/17/2012 Analyzed: 8/22/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		5.0
Hexachlorobutadiene	U		5.0
Hexachlorocyclopentadiene	U		5.0
Hexachloroethane	U		5.0
Indeno (1,2,3-cd) pyrene	U		5.0
Isophorone	U		5.0
2-Methylnaphthalene	U		2.0
2-Methylphenol	U		5.0
3 &/or 4-Methylphenol	U		5.0
Naphthalene	U		2.0
2-Nitroaniline	U		8.0
3-Nitroaniline	U		8.0
4-Nitroaniline	U		8.0
Nitrobenzene	U		5.0
2-Nitrophenol	U		5.0
4-Nitrophenol	U		13.0
N-Nitrosodiphenylamine	U		5.0
N-Nitrosodi-n-propylamine	U		5.0
Pentachlorophenol	U		5.0
Phenanthrene	U		2.0
Phenol	U		5.0
Pyrene	U		2.0
1,2,4-Trichlorobenzene	U		5.0
2,4,5-Trichlorophenol	U		5.0
2,4,6-Trichlorophenol	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1606 **Sample Type: Liquid**

LCS (B2H1606-BS1)
Prepared: 8/17/2012 Analyzed: 8/22/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	67.0		75.0	89.3	39-109
Phenol-d5	67.0		75.0	89.3	41-107
2-Chlorophenol-d4	66.9		75.0	89.2	45-104
1,2-Dichlorobenzene-d4	36.7		50.0	73.3	34-100
Nitrobenzene-d5	43.1		50.0	86.2	41-128
2-Fluorobiphenyl	42.6		50.0	85.2	46-108
2,4,6-Tribromophenol	74.7		75.0	99.5	51-143
Terphenyl-d14	47.3		50.0	94.5	60-133

LCS (B2H1606-BS1)
Prepared: 8/17/2012 Analyzed: 8/22/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	42.0		2.0	50.0	84.0	61-116
2-Chlorophenol	69.5		5.0	75.0	92.7	66-115
4-Chloro-3-methylphenol	64.8		5.0	75.0	86.4	63-119
1,4-Dichlorobenzene	32.8		5.0	50.0	65.6	36-100
2,4-Dinitrotoluene	40.1		5.0	50.0	80.1	61-121
4-Nitrophenol	60.2		13.0	75.0	80.2	52-132
N-Nitrosodi-n-propylamine	42.3		5.0	50.0	84.6	61-123
Pentachlorophenol	72.0		5.0	75.0	96.0	49-134
Phenol	65.1		5.0	75.0	86.9	62-115
Pyrene	46.1		2.0	50.0	92.1	58-134
1,2,4-Trichlorobenzene	36.2		5.0	50.0	72.3	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1606 **Sample Type: Liquid**

Matrix Spike (B2H1606-MS1)

Source: 1208009-06 Prepared: 8/17/2012 Analyzed: 8/22/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	57.2		70.2	81.6	39-109
Phenol-d5	56.6		70.2	80.7	41-107
2-Chlorophenol-d4	58.1		70.2	82.9	45-104
1,2-Dichlorobenzene-d4	32.3		46.8	69.0	34-100
Nitrobenzene-d5	37.9		46.8	81.0	41-128
2-Fluorobiphenyl	36.5		46.8	78.0	46-108
2,4,6-Tribromophenol	71.7		70.2	102	51-143
Terphenyl-d14	42.2		46.8	90.3	60-133

Matrix Spike (B2H1606-MS1)

Source: 1208009-06 Prepared: 8/17/2012 Analyzed: 8/22/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	37.2		1.9	46.8		79.5	43-129
2-Chlorophenol	60.6		4.7	70.2		86.4	41-117
4-Chloro-3-methylphenol	58.9		4.7	70.2		83.9	43-137
1,4-Dichlorobenzene	29.4		4.7	46.8		62.9	35-100
2,4-Dinitrotoluene	36.1		4.7	46.8		77.2	54-124
4-Nitrophenol	56.3		12.2	70.2		80.2	36-151
N-Nitrosodi-n-propylamine	37.4		4.7	46.8		80.0	42-122
Pentachlorophenol	73.7		4.7	70.2		105	53-147
Phenol	54.9		4.7	70.2		78.3	36-117
Pyrene	40.1		1.9	46.8		85.8	53-132
1,2,4-Trichlorobenzene	31.6		4.7	46.8		67.6	39-101

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1606 **Sample Type: Liquid**

Matrix Spike Dup (B2H1606-MSD1)

Source: 1208009-06 Prepared: 8/17/2012 Analyzed: 8/22/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	58.9		72.3	81.5	39-109
Phenol-d5	58.6		72.3	81.1	41-107
2-Chlorophenol-d4	61.0		72.3	84.3	45-104
1,2-Dichlorobenzene-d4	32.3		48.2	67.0	34-100
Nitrobenzene-d5	39.9		48.2	82.7	41-128
2-Fluorobiphenyl	38.3		48.2	79.5	46-108
2,4,6-Tribromophenol	74.5		72.3	103	51-143
Terphenyl-d14	41.5		48.2	86.0	60-133

Matrix Spike Dup (B2H1606-MSD1)

Source: 1208009-06 Prepared: 8/17/2012 Analyzed: 8/22/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	39.9		1.9	48.2		82.7	43-129	3.93	34
2-Chlorophenol	64.0		4.8	72.3		88.5	41-117	2.43	27
4-Chloro-3-methylphenol	63.9		4.8	72.3		88.3	43-137	5.15	30
1,4-Dichlorobenzene	28.3		4.8	48.2		58.8	35-100	6.69	34
2,4-Dinitrotoluene	39.8		4.8	48.2		82.5	54-124	6.63	21
4-Nitrophenol	64.0		12.5	72.3		88.4	36-151	9.74	35
N-Nitrosodi-n-propylamine	39.3		4.8	48.2		81.6	42-122	1.96	29
Pentachlorophenol	79.2		4.8	72.3		110	53-147	4.16	24
Phenol	58.2		4.8	72.3		80.5	36-117	2.74	34
Pyrene	41.5		1.9	48.2		86.1	53-132	0.33	19
1,2,4-Trichlorobenzene	31.1		4.8	48.2		64.5	39-101	4.70	24

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1701 **Sample Type: Liquid**

Blank (B2H1701-BLK1)
Prepared: 8/20/2012 Analyzed: 8/23/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	63.5		75.0	84.7	39-109
Phenol-d5	61.5		75.0	82.0	41-107
2-Chlorophenol-d4	60.1		75.0	80.2	45-104
1,2-Dichlorobenzene-d4	31.7		50.0	63.4	34-100
Nitrobenzene-d5	40.3		50.0	80.6	41-128
2-Fluorobiphenyl	38.8		50.0	77.6	46-108
2,4,6-Tribromophenol	67.5		75.0	90.0	51-143
Terphenyl-d14	53.1		50.0	106	60-133

Blank (B2H1701-BLK1)
Prepared: 8/20/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		2.0
Acenaphthylene	U		2.0
Acetophenone	U		5.0
Anthracene	U		2.0
Atrazine	U		5.0
Benzaldehyde	U		5.0
Benzoic acid	U		10.0
Benzo (a) anthracene	U		5.0
Benzo (a) pyrene	U		5.0
Benzo (b) fluoranthene	U		5.0
Benzo (g,h,i) perylene	U		5.0
Benzo (k) fluoranthene	U		5.0
Benzyl alcohol	U		5.0
1,1'-Biphenyl	U		5.0
Bis(2-chloroethoxy)methane	U		5.0
Bis(2-chloroethyl)ether	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1701 **Sample Type: Liquid**

Blank (B2H1701-BLK1)

Prepared: 8/20/2012 Analyzed: 8/23/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		5.0
Bis(2-ethylhexyl)phthalate	U		5.0
4-Bromophenyl phenyl ether	U		5.0
Butyl benzyl phthalate	U		5.0
Carbazole	U		5.0
Caprolactam	U		5.0
4-Chloroaniline	U		5.0
2-Chloronaphthalene	U		5.0
2-Chlorophenol	U		5.0
4-Chlorophenyl phenyl ether	U		5.0
4-Chloro-3-methylphenol	U		5.0
Chrysene	U		5.0
Dibenzofuran	U		5.0
Dibenz (a,h) anthracene	U		5.0
1,2-Dichlorobenzene	U		5.0
1,3-Dichlorobenzene	U		5.0
1,4-Dichlorobenzene	U		5.0
3,3´-Dichlorobenzidine	U		5.0
2,4-Dichlorophenol	U		5.0
Diethyl phthalate	U		5.0
2,4-Dimethylphenol	U		5.0
Dimethyl phthalate	U		5.0
2,4-Dinitrophenol	U		20.0
2,4-Dinitrotoluene	U		5.0
2,6-Dinitrotoluene	U		5.0
4,6-Dinitro-2-methylphenol	U		20.0
Di-n-butyl phthalate	U		5.0
Di-n-octyl phthalate	U		5.0
Fluoranthene	U		2.0
Fluorene	U		2.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1701 **Sample Type: Liquid**

Blank (B2H1701-BLK1)

Prepared: 8/20/2012 Analyzed: 8/23/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		5.0
Hexachlorobutadiene	U		5.0
Hexachlorocyclopentadiene	U		5.0
Hexachloroethane	U		5.0
Indeno (1,2,3-cd) pyrene	U		5.0
Isophorone	U		5.0
2-Methylnaphthalene	U		2.0
2-Methylphenol	U		5.0
3 &/or 4-Methylphenol	U		5.0
Naphthalene	U		2.0
2-Nitroaniline	U		8.0
3-Nitroaniline	U		8.0
4-Nitroaniline	U		8.0
Nitrobenzene	U		5.0
2-Nitrophenol	U		5.0
4-Nitrophenol	U		13.0
N-Nitrosodiphenylamine	U		5.0
N-Nitrosodi-n-propylamine	U		5.0
Pentachlorophenol	U		5.0
Phenanthrene	U		2.0
Phenol	U		5.0
Pyrene	U		2.0
1,2,4-Trichlorobenzene	U		5.0
2,4,5-Trichlorophenol	U		5.0
2,4,6-Trichlorophenol	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H1701 **Sample Type: Liquid**

LCS (B2H1701-BS1)

Prepared: 8/20/2012 Analyzed: 8/23/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	69.6		75.0	92.8	39-109
Phenol-d5	69.8		75.0	93.1	41-107
2-Chlorophenol-d4	68.8		75.0	91.8	45-104
1,2-Dichlorobenzene-d4	36.4		50.0	72.9	34-100
Nitrobenzene-d5	44.4		50.0	88.7	41-128
2-Fluorobiphenyl	43.9		50.0	87.7	46-108
2,4,6-Tribromophenol	78.6		75.0	105	51-143
Terphenyl-d14	51.4		50.0	103	60-133

LCS (B2H1701-BS1)

Prepared: 8/20/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	44.6		2.0	50.0	89.3	61-116
2-Chlorophenol	72.8		5.0	75.0	97.0	66-115
4-Chloro-3-methylphenol	68.0		5.0	75.0	90.7	63-119
1,4-Dichlorobenzene	33.4		5.0	50.0	66.8	36-100
2,4-Dinitrotoluene	40.5		5.0	50.0	81.0	61-121
4-Nitrophenol	60.6		13.0	75.0	80.8	52-132
N-Nitrosodi-n-propylamine	45.6		5.0	50.0	91.2	61-123
Pentachlorophenol	72.8		5.0	75.0	97.0	49-134
Phenol	68.7		5.0	75.0	91.5	62-115
Pyrene	50.3		2.0	50.0	101	58-134
1,2,4-Trichlorobenzene	36.3		5.0	50.0	72.6	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2101 **Sample Type: Non-Aqueous Liquid**

Blank (B2H2101-BLK1)
Prepared: 8/21/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	4.02E6		3.75E6	107	10-153
Phenol-d5	3.77E6		3.75E6	101	16-138
2-Chlorophenol-d4	3.61E6		3.75E6	96.3	16-135
1,2-Dichlorobenzene-d4	2.36E6		2.50E6	94.4	28-127
Nitrobenzene-d5	2.37E6		2.50E6	94.9	20-142
2-Fluorobiphenyl	2.43E6		2.50E6	97.1	40-129
2,4,6-Tribromophenol	3.94E6		3.75E6	105	10-151
Terphenyl-d14	2.38E6		2.50E6	95.3	29-129

Blank (B2H2101-BLK1)
Prepared: 8/21/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		100,000
Acenaphthylene	U		100,000
Acetophenone	U		250,000
Anthracene	U		100,000
Atrazine	U		250,000
Benzaldehyde	U		250,000
Benzoic acid	U		500,000
Benzo (a) anthracene	U		250,000
Benzo (a) pyrene	U		250,000
Benzo (b) fluoranthene	U		250,000
Benzo (g,h,i) perylene	U		250,000
Benzo (k) fluoranthene	U		250,000
Benzyl alcohol	U		250,000
1,1'-Biphenyl	U		250,000
Bis(2-chloroethoxy)methane	U		250,000
Bis(2-chloroethyl)ether	U		250,000

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2101 **Sample Type: Non-Aqueous Liquid**

Blank (B2H2101-BLK1)

Prepared: 8/21/2012 Analyzed: 8/27/2012

Targets (Continued)

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		250,000
Bis(2-ethylhexyl)phthalate	U		250,000
4-Bromophenyl phenyl ether	U		250,000
Butyl benzyl phthalate	U		250,000
Carbazole	U		250,000
Caprolactam	U		250,000
4-Chloroaniline	U		250,000
2-Chloronaphthalene	U		250,000
2-Chlorophenol	U		250,000
4-Chlorophenyl phenyl ether	U		250,000
4-Chloro-3-methylphenol	U		250,000
Chrysene	U		250,000
Dibenzofuran	U		250,000
Dibenz (a,h) anthracene	U		250,000
1,2-Dichlorobenzene	U		250,000
1,3-Dichlorobenzene	U		250,000
1,4-Dichlorobenzene	U		250,000
3,3´-Dichlorobenzidine	U		250,000
2,4-Dichlorophenol	U		250,000
Diethyl phthalate	U		250,000
2,4-Dimethylphenol	U		250,000
Dimethyl phthalate	U		250,000
2,4-Dinitrophenol	U		1.00E6
2,4-Dinitrotoluene	U		250,000
2,6-Dinitrotoluene	U		250,000
4,6-Dinitro-2-methylphenol	U		1.00E6
Di-n-butyl phthalate	U		250,000
Di-n-octyl phthalate	U		250,000
Fluoranthene	U		100,000
Fluorene	U		100,000

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2101 **Sample Type: Non-Aqueous Liquid**

Blank (B2H2101-BLK1)

Prepared: 8/21/2012 Analyzed: 8/27/2012

Targets (Continued)

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		250,000
Hexachlorobutadiene	U		250,000
Hexachlorocyclopentadiene	U		250,000
Hexachloroethane	U		250,000
Indeno (1,2,3-cd) pyrene	U		250,000
Isophorone	U		250,000
2-Methylnaphthalene	U		100,000
2-Methylphenol	U		250,000
3 &/or 4-Methylphenol	U		250,000
Naphthalene	U		100,000
2-Nitroaniline	U		400,000
3-Nitroaniline	U		400,000
4-Nitroaniline	U		400,000
Nitrobenzene	U		250,000
2-Nitrophenol	U		250,000
4-Nitrophenol	U		650,000
N-Nitrosodiphenylamine	U		250,000
N-Nitrosodi-n-propylamine	U		250,000
Pentachlorophenol	U		250,000
Phenanthrene	U		100,000
Phenol	U		250,000
Pyrene	U		100,000
1,2,4-Trichlorobenzene	U		250,000
2,4,5-Trichlorophenol	U		250,000
2,4,6-Trichlorophenol	U		250,000

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2101 **Sample Type: Non-Aqueous Liquid**

LCS (B2H2101-BS1)

Prepared: 8/21/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	3.68E6		3.38E6	109	10-153
Phenol-d5	3.45E6		3.38E6	102	16-138
2-Chlorophenol-d4	3.30E6		3.38E6	97.6	16-135
1,2-Dichlorobenzene-d4	2.14E6		2.25E6	95.2	28-127
Nitrobenzene-d5	2.20E6		2.25E6	97.7	20-142
2-Fluorobiphenyl	2.26E6		2.25E6	100	40-129
2,4,6-Tribromophenol	3.84E6		3.38E6	114	10-151
Terphenyl-d14	2.23E6		2.25E6	98.9	29-129

LCS (B2H2101-BS1)

Prepared: 8/21/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	2.36E6		90,100	2.25E6	105	70-130
2-Chlorophenol	3.55E6		225,000	3.38E6	105	70-130
4-Chloro-3-methylphenol	3.48E6		225,000	3.38E6	103	70-130
1,4-Dichlorobenzene	2.28E6		225,000	2.25E6	101	70-130
2,4-Dinitrotoluene	2.14E6		225,000	2.25E6	94.8	70-130
4-Nitrophenol	3.36E6		586,000	3.38E6	99.6	70-130
N-Nitrosodi-n-propylamine	2.27E6		225,000	2.25E6	101	70-130
Pentachlorophenol	3.83E6		225,000	3.38E6	113	70-130
Phenol	3.29E6		225,000	3.38E6	97.3	70-130
Pyrene	2.45E6		90,100	2.25E6	109	70-130
1,2,4-Trichlorobenzene	2.46E6		225,000	2.25E6	109	70-130

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2101 **Sample Type: Non-Aqueous Liquid**

Matrix Spike (B2H2101-MS1)

Source: 1208013-13 Prepared: 8/21/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	3.40E6		2.98E6	114	10-153
Phenol-d5	3.15E6		2.98E6	106	16-138
2-Chlorophenol-d4	3.06E6		2.98E6	103	16-135
1,2-Dichlorobenzene-d4	1.96E6		1.98E6	98.9	28-127
Nitrobenzene-d5	2.03E6		1.98E6	102	20-142
2-Fluorobiphenyl	2.08E6		1.98E6	105	40-129
2,4,6-Tribromophenol	3.31E6		2.98E6	111	10-151
Terphenyl-d14	1.78E6		1.98E6	89.9	29-129

Matrix Spike (B2H2101-MS1)

Source: 1208013-13 Prepared: 8/21/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	2.12E6		79,400	1.98E6		107	70-130
2-Chlorophenol	3.32E6		198,000	2.98E6		112	70-130
4-Chloro-3-methylphenol	3.19E6		198,000	2.98E6		107	70-130
1,4-Dichlorobenzene	2.14E6		198,000	1.98E6		108	70-130
2,4-Dinitrotoluene	2.15E6		198,000	1.98E6		108	70-130
4-Nitrophenol	3.89E6		516,000	2.98E6		131 #	70-130
N-Nitrosodi-n-propylamine	2.11E6		198,000	1.98E6		107	70-130
Pentachlorophenol	3.50E6		198,000	2.98E6		118	70-130
Phenol	3.01E6		198,000	2.98E6		101	70-130
Pyrene	1.95E6		79,400	1.98E6		98.4	70-130
1,2,4-Trichlorobenzene	2.29E6		198,000	1.98E6		115	70-130

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2101 **Sample Type: Non-Aqueous Liquid**

Matrix Spike Dup (B2H2101-MSD1)

Source: 1208013-13 Prepared: 8/21/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	3.63E6		3.61E6	101	10-153
Phenol-d5	3.33E6		3.61E6	92.5	16-138
2-Chlorophenol-d4	3.27E6		3.61E6	90.8	16-135
1,2-Dichlorobenzene-d4	2.09E6		2.40E6	86.9	28-127
Nitrobenzene-d5	2.18E6		2.40E6	90.6	20-142
2-Fluorobiphenyl	2.23E6		2.40E6	92.8	40-129
2,4,6-Tribromophenol	3.76E6		3.61E6	104	10-151
Terphenyl-d14	1.92E6		2.40E6	79.9	29-129

Matrix Spike Dup (B2H2101-MSD1)

Source: 1208013-13 Prepared: 8/21/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	2.31E6		96,200	2.40E6		96.2	70-130	10.6	30
2-Chlorophenol	3.55E6		240,000	3.61E6		98.5	70-130	12.4	30
4-Chloro-3-methylphenol	3.45E6		240,000	3.61E6		95.7	70-130	11.3	30
1,4-Dichlorobenzene	2.28E6		240,000	2.40E6		94.9	70-130	12.7	30
2,4-Dinitrotoluene	2.30E6		240,000	2.40E6		95.7	70-130	12.4	30
4-Nitrophenol	4.26E6		625,000	3.61E6		118	70-130	10.1	30
N-Nitrosodi-n-propylamine	2.24E6		240,000	2.40E6		93.2	70-130	13.4	30
Pentachlorophenol	3.90E6		240,000	3.61E6		108	70-130	8.31	30
Phenol	3.21E6		240,000	3.61E6		89.1	70-130	12.8	30
Pyrene	2.13E6		96,200	2.40E6		88.5	70-130	10.7	30
1,2,4-Trichlorobenzene	2.49E6		240,000	2.40E6		104	70-130	10.9	30

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Blank (B2H2202-BLK1)
Prepared: 8/23/2012 Analyzed: 8/24/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	5,630		7,490	75.1	38-101
Phenol-d5	5,980		7,490	79.8	42-105
2-Chlorophenol-d4	5,340		7,490	71.2	40-100
1,2-Dichlorobenzene-d4	3,170		4,990	63.4	37-100
Nitrobenzene-d5	3,540		4,990	70.9	42-108
2-Fluorobiphenyl	3,930		4,990	78.8	51-103
2,4,6-Tribromophenol	5,410		7,490	72.3	55-115
Terphenyl-d14	3,860		4,990	77.3	55-125

Blank (B2H2202-BLK1)
Prepared: 8/23/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		200
Acenaphthylene	U		200
Acetophenone	U		499
Anthracene	U		200
Atrazine	U		499
Benzaldehyde	U		499
Benzoic acid	U		999
Benzo (a) anthracene	U		499
Benzo (a) pyrene	U		499
Benzo (b) fluoranthene	U		499
Benzo (g,h,i) perylene	U		499
Benzo (k) fluoranthene	U		499
Benzyl alcohol	U		499
1,1'-Biphenyl	U		499
Bis(2-chloroethoxy)methane	U		499
Bis(2-chloroethyl)ether	U		499

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Blank (B2H2202-BLK1)
Prepared: 8/23/2012 Analyzed: 8/24/2012

Targets (Continued)

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		499
Bis(2-ethylhexyl)phthalate	U		499
4-Bromophenyl phenyl ether	U		499
Butyl benzyl phthalate	U		499
Carbazole	U		499
Caprolactam	U		499
4-Chloroaniline	U		499
2-Chloronaphthalene	U		499
2-Chlorophenol	U		499
4-Chlorophenyl phenyl ether	U		499
4-Chloro-3-methylphenol	U		499
Chrysene	U		499
Dibenzofuran	U		499
Dibenz (a,h) anthracene	U		499
1,2-Dichlorobenzene	U		499
1,3-Dichlorobenzene	U		499
1,4-Dichlorobenzene	U		499
3,3´-Dichlorobenzidine	U		499
2,4-Dichlorophenol	U		499
Diethyl phthalate	U		499
2,4-Dimethylphenol	U		499
Dimethyl phthalate	U		499
2,4-Dinitrophenol	U		2,000
2,4-Dinitrotoluene	U		499
2,6-Dinitrotoluene	U		499
4,6-Dinitro-2-methylphenol	U		2,000
Di-n-butyl phthalate	U		499
Di-n-octyl phthalate	U		499
Fluoranthene	U		200
Fluorene	U		200

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Blank (B2H2202-BLK1)

Prepared: 8/23/2012 Analyzed: 8/24/2012

Targets (Continued)

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		499
Hexachlorobutadiene	U		499
Hexachlorocyclopentadiene	U		499
Hexachloroethane	U		499
Indeno (1,2,3-cd) pyrene	U		499
Isophorone	U		499
2-Methylnaphthalene	U		200
2-Methylphenol	U		499
3 &/or 4-Methylphenol	U		499
Naphthalene	U		200
2-Nitroaniline	U		799
3-Nitroaniline	U		799
4-Nitroaniline	U		799
Nitrobenzene	U		499
2-Nitrophenol	U		499
4-Nitrophenol	U		1,300
N-Nitrosodiphenylamine	U		499
N-Nitrosodi-n-propylamine	U		499
Pentachlorophenol	U		499
Phenanthrene	U		200
Phenol	U		499
Pyrene	U		200
1,2,4-Trichlorobenzene	U		499
2,4,5-Trichlorophenol	U		499
2,4,6-Trichlorophenol	U		499

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Blank (B2H2202-BLK2)
Prepared: 8/23/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	5,600		7,300	76.7	38-101
Phenol-d5	5,930		7,300	81.2	42-105
2-Chlorophenol-d4	5,200		7,300	71.3	40-100
1,2-Dichlorobenzene-d4	3,000		4,860	61.6	37-100
Nitrobenzene-d5	3,430		4,860	70.5	42-108
2-Fluorobiphenyl	3,960		4,860	81.3	51-103
2,4,6-Tribromophenol	6,240		7,300	85.5	55-115
Terphenyl-d14	4,960		4,860	102	55-125

Blank (B2H2202-BLK2)
Prepared: 8/23/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		195
Acenaphthylene	U		195
Acetophenone	U		486
Anthracene	U		195
Atrazine	U		486
Benzaldehyde	U		486
Benzoic acid	U		973
Benzo (a) anthracene	U		486
Benzo (a) pyrene	U		486
Benzo (b) fluoranthene	U		486
Benzo (g,h,i) perylene	U		486
Benzo (k) fluoranthene	U		486
Benzyl alcohol	U		486
1,1'-Biphenyl	U		486
Bis(2-chloroethoxy)methane	U		486
Bis(2-chloroethyl)ether	U		486

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Blank (B2H2202-BLK2)
Prepared: 8/23/2012 Analyzed: 8/27/2012

Targets (Continued)

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		486
Bis(2-ethylhexyl)phthalate	U		486
4-Bromophenyl phenyl ether	U		486
Butyl benzyl phthalate	U		486
Carbazole	U		486
Caprolactam	U		486
4-Chloroaniline	U		486
2-Chloronaphthalene	U		486
2-Chlorophenol	U		486
4-Chlorophenyl phenyl ether	U		486
4-Chloro-3-methylphenol	U		486
Chrysene	U		486
Dibenzofuran	U		486
Dibenz (a,h) anthracene	U		486
1,2-Dichlorobenzene	U		486
1,3-Dichlorobenzene	U		486
1,4-Dichlorobenzene	U		486
3,3´-Dichlorobenzidine	U		486
2,4-Dichlorophenol	U		486
Diethyl phthalate	U		486
2,4-Dimethylphenol	U		486
Dimethyl phthalate	U		486
2,4-Dinitrophenol	U		1,950
2,4-Dinitrotoluene	U		486
2,6-Dinitrotoluene	U		486
4,6-Dinitro-2-methylphenol	U		1,950
Di-n-butyl phthalate	U		486
Di-n-octyl phthalate	U		486
Fluoranthene	U		195
Fluorene	U		195

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Blank (B2H2202-BLK2)

Prepared: 8/23/2012 Analyzed: 8/27/2012

Targets (Continued)

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		486
Hexachlorobutadiene	U		486
Hexachlorocyclopentadiene	U		486
Hexachloroethane	U		486
Indeno (1,2,3-cd) pyrene	U		486
Isophorone	U		486
2-Methylnaphthalene	U		195
2-Methylphenol	U		486
3 &/or 4-Methylphenol	U		486
Naphthalene	U		195
2-Nitroaniline	U		778
3-Nitroaniline	U		778
4-Nitroaniline	U		778
Nitrobenzene	U		486
2-Nitrophenol	U		486
4-Nitrophenol	U		1,260
N-Nitrosodiphenylamine	U		486
N-Nitrosodi-n-propylamine	U		486
Pentachlorophenol	U		486
Phenanthrene	U		195
Phenol	U		486
Pyrene	U		195
1,2,4-Trichlorobenzene	U		486
2,4,5-Trichlorophenol	U		486
2,4,6-Trichlorophenol	U		486

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

LCS (B2H2202-BS1)
Prepared: 8/23/2012 Analyzed: 8/24/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	5,680		7,490	75.9	38-101
Phenol-d5	6,190		7,490	82.7	42-105
2-Chlorophenol-d4	5,540		7,490	74.0	40-100
1,2-Dichlorobenzene-d4	2,980		4,990	59.8	37-100
Nitrobenzene-d5	3,530		4,990	70.7	42-108
2-Fluorobiphenyl	4,010		4,990	80.4	51-103
2,4,6-Tribromophenol	6,470		7,490	86.5	55-115
Terphenyl-d14	4,150		4,990	83.1	55-125

LCS (B2H2202-BS1)
Prepared: 8/23/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	3,870		200	4,990	77.6	47-101
2-Chlorophenol	5,620		499	7,490	75.1	41-100
4-Chloro-3-methylphenol	6,230		499	7,490	83.2	47-114
1,4-Dichlorobenzene	2,940		499	4,990	58.8	32-100
2,4-Dinitrotoluene	4,100		499	4,990	82.1	54-112
4-Nitrophenol	6,700		1,300	7,490	89.5	47-130
N-Nitrosodi-n-propylamine	3,610		499	4,990	72.3	43-100
Pentachlorophenol	6,900		499	7,490	92.2	16-122
Phenol	5,770		499	7,490	77.0	40-101
Pyrene	4,240		200	4,990	85.0	51-119
1,2,4-Trichlorobenzene	3,570		499	4,990	71.4	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

LCS (B2H2202-BS2)
Prepared: 8/23/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	5,720		7,400	77.4	38-101
Phenol-d5	6,160		7,400	83.3	42-105
2-Chlorophenol-d4	5,450		7,400	73.7	40-100
1,2-Dichlorobenzene-d4	2,960		4,930	60.0	37-100
Nitrobenzene-d5	3,600		4,930	72.9	42-108
2-Fluorobiphenyl	4,100		4,930	83.1	51-103
2,4,6-Tribromophenol	6,830		7,400	92.4	55-115
Terphenyl-d14	4,740		4,930	96.1	55-125

LCS (B2H2202-BS2)
Prepared: 8/23/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	4,080		197	4,930	82.8	47-101
2-Chlorophenol	5,580		493	7,400	75.5	41-100
4-Chloro-3-methylphenol	6,360		493	7,400	86.0	47-114
1,4-Dichlorobenzene	2,960		493	4,930	60.0	32-100
2,4-Dinitrotoluene	4,100		493	4,930	83.1	54-112
4-Nitrophenol	6,490		1,280	7,400	87.8	47-130
N-Nitrosodi-n-propylamine	3,750		493	4,930	76.1	43-100
Pentachlorophenol	6,910		493	7,400	93.4	16-122
Phenol	5,570		493	7,400	75.3	40-101
Pyrene	4,650		197	4,930	94.2	51-119
1,2,4-Trichlorobenzene	3,610		493	4,930	73.2	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Matrix Spike (B2H2202-MS1)

Source: 1208009-05 Prepared: 8/23/2012 Analyzed: 8/24/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	5,040		9,690	52.1	38-101
Phenol-d5	6,220		9,690	64.2	42-105
2-Chlorophenol-d4	5,190		9,690	53.6	40-100
1,2-Dichlorobenzene-d4	2,270		6,460	35.1 #	37-100
Nitrobenzene-d5	3,220		6,460	49.9	42-108
2-Fluorobiphenyl	4,430		6,460	68.7	51-103
2,4,6-Tribromophenol	8,330		9,690	86.0	55-115
Terphenyl-d14	5,400		6,460	83.7	55-125

Matrix Spike (B2H2202-MS1)

Source: 1208009-05 Prepared: 8/23/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	4,430		258	6,460		68.6	34-107
2-Chlorophenol	5,330		646	9,690		55.0	28-94
4-Chloro-3-methylphenol	7,280		646	9,690		75.2	38-126
1,4-Dichlorobenzene	2,410		646	6,460		37.4	27-83
2,4-Dinitrotoluene	5,020		646	6,460		77.8	38-123
4-Nitrophenol	8,970		1,680	9,690		92.6	35-138
N-Nitrosodi-n-propylamine	3,570		646	6,460		55.3	29-97
Pentachlorophenol	7,820		646	9,690		80.7	10-126
Phenol	5,870		646	9,690		60.6	32-96
Pyrene	5,640		258	6,460		87.3	39-129
1,2,4-Trichlorobenzene	3,200		646	6,460		49.6	24-105

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Matrix Spike (B2H2202-MS2)

Source: 1208012-14 Prepared: 8/23/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	4,520		8,100	55.8	38-101
Phenol-d5	5,720		8,100	70.6	42-105
2-Chlorophenol-d4	4,890		8,100	60.4	40-100
1,2-Dichlorobenzene-d4	2,420		5,400	44.8	37-100
Nitrobenzene-d5	3,030		5,400	56.2	42-108
2-Fluorobiphenyl	4,360		5,400	80.7	51-103
2,4,6-Tribromophenol	8,990		8,100	111	55-115
Terphenyl-d14	5,140		5,400	95.2	55-125

Matrix Spike (B2H2202-MS2)

Source: 1208012-14 Prepared: 8/23/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	4,550		216	5,400		84.2	34-107
2-Chlorophenol	5,010		540	8,100		61.8	28-94
4-Chloro-3-methylphenol	7,080		540	8,100		87.4	38-126
1,4-Dichlorobenzene	2,370		540	5,400		43.8	27-83
2,4-Dinitrotoluene	4,330		540	5,400		80.2	38-123
4-Nitrophenol	7,050		1,400	8,100		87.1	35-138
N-Nitrosodi-n-propylamine	3,240		540	5,400		59.9	29-97
Pentachlorophenol	7,910		540	8,100		97.7	10-126
Phenol	5,220		540	8,100		64.4	32-96
Pyrene	5,290		216	5,400		98.0	39-129
1,2,4-Trichlorobenzene	3,410		540	5,400		63.1	24-105

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Matrix Spike Dup (B2H2202-MSD1)

Source: 1208009-05 Prepared: 8/23/2012 Analyzed: 8/24/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	4,920		9,640	51.1	38-101
Phenol-d5	5,890		9,640	61.1	42-105
2-Chlorophenol-d4	4,920		9,640	51.0	40-100
1,2-Dichlorobenzene-d4	2,330		6,430	36.2 #	37-100
Nitrobenzene-d5	3,240		6,430	50.3	42-108
2-Fluorobiphenyl	4,220		6,430	65.6	51-103
2,4,6-Tribromophenol	8,310		9,640	86.2	55-115
Terphenyl-d14	5,430		6,430	84.5	55-125

Matrix Spike Dup (B2H2202-MSD1)

Source: 1208009-05 Prepared: 8/23/2012 Analyzed: 8/24/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	4,440		257	6,430		69.1	34-107	0.67	31
2-Chlorophenol	5,160		643	9,640		53.5	28-94	2.73	37
4-Chloro-3-methylphenol	7,340		643	9,640		76.1	38-126	1.22	36
1,4-Dichlorobenzene	2,740		643	6,430		42.7	27-83	13.2	36
2,4-Dinitrotoluene	5,030		643	6,430		78.3	38-123	0.64	32
4-Nitrophenol	9,450		1,670	9,640		98.1	35-138	5.73	39
N-Nitrosodi-n-propylamine	3,560		643	6,430		55.4	29-97	0.25	33
Pentachlorophenol	8,440		643	9,640		87.6	10-126	8.16	45
Phenol	5,610		643	9,640		58.2	32-96	4.02	38
Pyrene	5,660		257	6,430		88.1	39-129	0.89	34
1,2,4-Trichlorobenzene	3,400		643	6,430		52.9	24-105	6.40	34

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2202 **Sample Type: Solid**

Matrix Spike Dup (B2H2202-MSD2)

Source: 1208012-14 Prepared: 8/23/2012 Analyzed: 8/27/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	3,790		8,100	46.8	38-101
Phenol-d5	5,350		8,100	66.1	42-105
2-Chlorophenol-d4	4,360		8,100	53.9	40-100
1,2-Dichlorobenzene-d4	1,940		5,400	36.0 #	37-100
Nitrobenzene-d5	2,580		5,400	47.8	42-108
2-Fluorobiphenyl	4,230		5,400	78.4	51-103
2,4,6-Tribromophenol	9,080		8,100	112	55-115
Terphenyl-d14	4,640		5,400	85.9	55-125

Matrix Spike Dup (B2H2202-MSD2)

Source: 1208012-14 Prepared: 8/23/2012 Analyzed: 8/27/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	4,580		216	5,400		84.8	34-107	0.76	31
2-Chlorophenol	4,540		540	8,100		56.1	28-94	9.61	37
4-Chloro-3-methylphenol	7,140		540	8,100		88.2	38-126	0.90	36
1,4-Dichlorobenzene	1,930		540	5,400		35.7	27-83	20.4	36
2,4-Dinitrotoluene	4,480		540	5,400		83.0	38-123	3.46	32
4-Nitrophenol	7,610		1,400	8,100		94.1	35-138	7.71	39
N-Nitrosodi-n-propylamine	2,820		540	5,400		52.2	29-97	13.8	33
Pentachlorophenol	6,660		540	8,100		82.2	10-126	17.2	45
Phenol	4,910		540	8,100		60.7	32-96	5.99	38
Pyrene	4,820		216	5,400		89.2	39-129	9.38	34
1,2,4-Trichlorobenzene	3,110		540	5,400		57.6	24-105	8.98	34

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2208 **Sample Type: Liquid**

Blank (B2H2208-BLK1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	37.3		75.0	49.7	39-109
Phenol-d5	43.6		75.0	58.2	41-107
2-Chlorophenol-d4	41.2		75.0	54.9	45-104
1,2-Dichlorobenzene-d4	21.5		50.0	43.1	34-100
Nitrobenzene-d5	29.0		50.0	58.0	41-128
2-Fluorobiphenyl	28.6		50.0	57.1	46-108
2,4,6-Tribromophenol	51.6		75.0	68.9	51-143
Terphenyl-d14	49.9		50.0	99.7	60-133

Blank (B2H2208-BLK1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		2.0
Acenaphthylene	U		2.0
Acetophenone	U		5.0
Anthracene	U		2.0
Atrazine	U		5.0
Benzaldehyde	U		5.0
Benzoic acid	U		10.0
Benzo (a) anthracene	U		5.0
Benzo (a) pyrene	U		5.0
Benzo (b) fluoranthene	U		5.0
Benzo (g,h,i) perylene	U		5.0
Benzo (k) fluoranthene	U		5.0
Benzyl alcohol	U		5.0
1,1'-Biphenyl	U		5.0
Bis(2-chloroethoxy)methane	U		5.0
Bis(2-chloroethyl)ether	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2208 **Sample Type: Liquid**

Blank (B2H2208-BLK1)

Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		5.0
Bis(2-ethylhexyl)phthalate	U		5.0
4-Bromophenyl phenyl ether	U		5.0
Butyl benzyl phthalate	U		5.0
Carbazole	U		5.0
Caprolactam	U		5.0
4-Chloroaniline	U		5.0
2-Chloronaphthalene	U		5.0
2-Chlorophenol	U		5.0
4-Chlorophenyl phenyl ether	U		5.0
4-Chloro-3-methylphenol	U		5.0
Chrysene	U		5.0
Dibenzofuran	U		5.0
Dibenz (a,h) anthracene	U		5.0
1,2-Dichlorobenzene	U		5.0
1,3-Dichlorobenzene	U		5.0
1,4-Dichlorobenzene	U		5.0
3,3´-Dichlorobenzidine	U		5.0
2,4-Dichlorophenol	U		5.0
Diethyl phthalate	U		5.0
2,4-Dimethylphenol	U		5.0
Dimethyl phthalate	U		5.0
2,4-Dinitrophenol	U		20.0
2,4-Dinitrotoluene	U		5.0
2,6-Dinitrotoluene	U		5.0
4,6-Dinitro-2-methylphenol	U		20.0
Di-n-butyl phthalate	U		5.0
Di-n-octyl phthalate	U		5.0
Fluoranthene	U		2.0
Fluorene	U		2.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2208 **Sample Type: Liquid**

Blank (B2H2208-BLK1)

Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		5.0
Hexachlorobutadiene	U		5.0
Hexachlorocyclopentadiene	U		5.0
Hexachloroethane	U		5.0
Indeno (1,2,3-cd) pyrene	U		5.0
Isophorone	U		5.0
2-Methylnaphthalene	U		2.0
2-Methylphenol	U		5.0
3 &/or 4-Methylphenol	U		5.0
Naphthalene	U		2.0
2-Nitroaniline	U		8.0
3-Nitroaniline	U		8.0
4-Nitroaniline	U		8.0
Nitrobenzene	U		5.0
2-Nitrophenol	U		5.0
4-Nitrophenol	U		13.0
N-Nitrosodiphenylamine	U		5.0
N-Nitrosodi-n-propylamine	U		5.0
Pentachlorophenol	U		5.0
Phenanthrene	U		2.0
Phenol	U		5.0
Pyrene	U		2.0
1,2,4-Trichlorobenzene	U		5.0
2,4,5-Trichlorophenol	U		5.0
2,4,6-Trichlorophenol	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2208 **Sample Type: Liquid**

LCS (B2H2208-BS1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	41.2		75.0	55.0	39-109
Phenol-d5	44.5		75.0	59.3	41-107
2-Chlorophenol-d4	42.3		75.0	56.4	45-104
1,2-Dichlorobenzene-d4	22.9		50.0	45.8	34-100
Nitrobenzene-d5	27.8		50.0	55.7	41-128
2-Fluorobiphenyl	26.8		50.0	53.6	46-108
2,4,6-Tribromophenol	59.9		75.0	79.8	51-143
Terphenyl-d14	49.3		50.0	98.7	60-133

LCS (B2H2208-BS1)
Prepared: 8/22/2012 Analyzed: 8/23/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	28.4		2.0	50.0	56.8 #	61-116
2-Chlorophenol	43.6		5.0	75.0	58.2 #	66-115
4-Chloro-3-methylphenol	43.6		5.0	75.0	58.2 #	63-119
1,4-Dichlorobenzene	20.6		5.0	50.0	41.3	36-100
2,4-Dinitrotoluene	34.7		5.0	50.0	69.5	61-121
4-Nitrophenol	54.8		13.0	75.0	73.1	52-132
N-Nitrosodi-n-propylamine	28.7		5.0	50.0	57.4 #	61-123
Pentachlorophenol	63.0		5.0	75.0	83.9	49-134
Phenol	43.0		5.0	75.0	57.4 #	62-115
Pyrene	45.9		2.0	50.0	91.8	58-134
1,2,4-Trichlorobenzene	23.0		5.0	50.0	46.0	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2701 **Sample Type: Liquid**

Blank (B2H2701-BLK1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	58.4		75.0	77.8	39-109
Phenol-d5	62.8		75.0	83.8	41-107
2-Chlorophenol-d4	60.5		75.0	80.6	45-104
1,2-Dichlorobenzene-d4	32.4		50.0	64.7	34-100
Nitrobenzene-d5	39.9		50.0	79.8	41-128
2-Fluorobiphenyl	37.6		50.0	75.2	46-108
2,4,6-Tribromophenol	63.2		75.0	84.3	51-143
Terphenyl-d14	46.2		50.0	92.5	60-133

Blank (B2H2701-BLK1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		2.0
Acenaphthylene	U		2.0
Acetophenone	U		5.0
Anthracene	U		2.0
Atrazine	U		5.0
Benzaldehyde	U		5.0
Benzoic acid	U		10.0
Benzo (a) anthracene	U		5.0
Benzo (a) pyrene	U		5.0
Benzo (b) fluoranthene	U		5.0
Benzo (g,h,i) perylene	U		5.0
Benzo (k) fluoranthene	U		5.0
Benzyl alcohol	U		5.0
1,1'-Biphenyl	U		5.0
Bis(2-chloroethoxy)methane	U		5.0
Bis(2-chloroethyl)ether	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2701 **Sample Type: Liquid**

Blank (B2H2701-BLK1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		5.0
Bis(2-ethylhexyl)phthalate	U		5.0
4-Bromophenyl phenyl ether	U		5.0
Butyl benzyl phthalate	U		5.0
Carbazole	U		5.0
Caprolactam	U		5.0
4-Chloroaniline	U		5.0
2-Chloronaphthalene	U		5.0
2-Chlorophenol	U		5.0
4-Chlorophenyl phenyl ether	U		5.0
4-Chloro-3-methylphenol	U		5.0
Chrysene	U		5.0
Dibenzofuran	U		5.0
Dibenz (a,h) anthracene	U		5.0
1,2-Dichlorobenzene	U		5.0
1,3-Dichlorobenzene	U		5.0
1,4-Dichlorobenzene	U		5.0
3,3´-Dichlorobenzidine	U		5.0
2,4-Dichlorophenol	U		5.0
Diethyl phthalate	U		5.0
2,4-Dimethylphenol	U		5.0
Dimethyl phthalate	U		5.0
2,4-Dinitrophenol	U		20.0
2,4-Dinitrotoluene	U		5.0
2,6-Dinitrotoluene	U		5.0
4,6-Dinitro-2-methylphenol	U		20.0
Di-n-butyl phthalate	U		5.0
Di-n-octyl phthalate	U		5.0
Fluoranthene	U		2.0
Fluorene	U		2.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2701 **Sample Type: Liquid**

Blank (B2H2701-BLK1)

Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		5.0
Hexachlorobutadiene	U		5.0
Hexachlorocyclopentadiene	U		5.0
Hexachloroethane	U		5.0
Indeno (1,2,3-cd) pyrene	U		5.0
Isophorone	U		5.0
2-Methylnaphthalene	U		2.0
2-Methylphenol	U		5.0
3 &/or 4-Methylphenol	U		5.0
Naphthalene	U		2.0
2-Nitroaniline	U		8.0
3-Nitroaniline	U		8.0
4-Nitroaniline	U		8.0
Nitrobenzene	U		5.0
2-Nitrophenol	U		5.0
4-Nitrophenol	U		13.0
N-Nitrosodiphenylamine	U		5.0
N-Nitrosodi-n-propylamine	U		5.0
Pentachlorophenol	U		5.0
Phenanthrene	U		2.0
Phenol	U		5.0
Pyrene	U		2.0
1,2,4-Trichlorobenzene	U		5.0
2,4,5-Trichlorophenol	U		5.0
2,4,6-Trichlorophenol	U		5.0

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2701 **Sample Type: Liquid**

LCS (B2H2701-BS1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Surrogates

ANALYTE	Result µg/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	68.5		75.0	91.3	39-109
Phenol-d5	72.7		75.0	97.0	41-107
2-Chlorophenol-d4	72.4		75.0	96.5	45-104
1,2-Dichlorobenzene-d4	36.9		50.0	73.8	34-100
Nitrobenzene-d5	46.1		50.0	92.1	41-128
2-Fluorobiphenyl	44.0		50.0	87.9	46-108
2,4,6-Tribromophenol	78.2		75.0	104	51-143
Terphenyl-d14	48.1		50.0	96.1	60-133

LCS (B2H2701-BS1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	48.2		2.0	50.0	96.3	61-116
2-Chlorophenol	78.2		5.0	75.0	104	66-115
4-Chloro-3-methylphenol	77.6		5.0	75.0	103	63-119
1,4-Dichlorobenzene	31.1		5.0	50.0	62.2	36-100
2,4-Dinitrotoluene	48.7		5.0	50.0	97.3	61-121
4-Nitrophenol	71.0		13.0	75.0	94.7	52-132
N-Nitrosodi-n-propylamine	49.6		5.0	50.0	99.2	61-123
Pentachlorophenol	78.6		5.0	75.0	105	49-134
Phenol	73.9		5.0	75.0	98.6	62-115
Pyrene	50.8		2.0	50.0	102	58-134
1,2,4-Trichlorobenzene	35.9		5.0	50.0	71.7	40-100

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2803 **Sample Type: Solid**

Blank (B2H2803-BLK1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	5,620		7,430	75.6	38-101
Phenol-d5	6,650		7,430	89.5	42-105
2-Chlorophenol-d4	6,050		7,430	81.4	40-100
1,2-Dichlorobenzene-d4	3,680		4,960	74.3	37-100
Nitrobenzene-d5	4,000		4,960	80.7	42-108
2-Fluorobiphenyl	4,250		4,960	85.7	51-103
2,4,6-Tribromophenol	6,790		7,430	91.3	55-115
Terphenyl-d14	4,110		4,960	82.9	55-125

Blank (B2H2803-BLK1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		198
Acenaphthylene	U		198
Acetophenone	U		496
Anthracene	U		198
Atrazine	U		496
Benzaldehyde	U		496
Benzoic acid	U		991
Benzo (a) anthracene	U		496
Benzo (a) pyrene	U		496
Benzo (b) fluoranthene	U		496
Benzo (g,h,i) perylene	U		496
Benzo (k) fluoranthene	U		496
Benzyl alcohol	U		496
1,1'-Biphenyl	U		496
Bis(2-chloroethoxy)methane	U		496
Bis(2-chloroethyl)ether	U		496

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2803 **Sample Type: Solid**

Blank (B2H2803-BLK1)
Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Bis(2-chloro-1-methylethyl)ether	U		496
Bis(2-ethylhexyl)phthalate	U		496
4-Bromophenyl phenyl ether	U		496
Butyl benzyl phthalate	U		496
Carbazole	U		496
Caprolactam	U		496
4-Chloroaniline	U		496
2-Chloronaphthalene	U		496
2-Chlorophenol	U		496
4-Chlorophenyl phenyl ether	U		496
4-Chloro-3-methylphenol	U		496
Chrysene	U		496
Dibenzofuran	U		496
Dibenz (a,h) anthracene	U		496
1,2-Dichlorobenzene	U		496
1,3-Dichlorobenzene	U		496
1,4-Dichlorobenzene	U		496
3,3´-Dichlorobenzidine	U		496
2,4-Dichlorophenol	U		496
Diethyl phthalate	U		496
2,4-Dimethylphenol	U		496
Dimethyl phthalate	U		496
2,4-Dinitrophenol	U		1,980
2,4-Dinitrotoluene	U		496
2,6-Dinitrotoluene	U		496
4,6-Dinitro-2-methylphenol	U		1,980
Di-n-butyl phthalate	U		496
Di-n-octyl phthalate	U		496
Fluoranthene	U		198
Fluorene	U		198

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2803 **Sample Type: Solid**

Blank (B2H2803-BLK1)

Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets (Continued)

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit
Hexachlorobenzene	U		496
Hexachlorobutadiene	U		496
Hexachlorocyclopentadiene	U		496
Hexachloroethane	U		496
Indeno (1,2,3-cd) pyrene	U		496
Isophorone	U		496
2-Methylnaphthalene	U		198
2-Methylphenol	U		496
3 &/or 4-Methylphenol	U		496
Naphthalene	U		198
2-Nitroaniline	U		793
3-Nitroaniline	U		793
4-Nitroaniline	U		793
Nitrobenzene	U		496
2-Nitrophenol	U		496
4-Nitrophenol	U		1,290
N-Nitrosodiphenylamine	U		496
N-Nitrosodi-n-propylamine	U		496
Pentachlorophenol	U		496
Phenanthrene	U		198
Phenol	U		496
Pyrene	U		198
1,2,4-Trichlorobenzene	U		496
2,4,5-Trichlorophenol	U		496
2,4,6-Trichlorophenol	U		496

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Semivolatiles by CLP OLM04.2 - GC/MS - Quality Control

Batch: B2H2803 **Sample Type: Solid**

LCS (B2H2803-BS1)

Prepared: 8/28/2012 Analyzed: 8/29/2012

Surrogates

ANALYTE	Result µg/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
2-Fluorophenol	3,870		7,310	53.0	38-101
Phenol-d5	4,990		7,310	68.2	42-105
2-Chlorophenol-d4	4,310		7,310	58.9	40-100
1,2-Dichlorobenzene-d4	2,430		4,880	49.9	37-100
Nitrobenzene-d5	2,940		4,880	60.3	42-108
2-Fluorobiphenyl	3,520		4,880	72.3	51-103
2,4,6-Tribromophenol	6,820		7,310	93.3	55-115
Terphenyl-d14	3,890		4,880	79.8	55-125

LCS (B2H2803-BS1)

Prepared: 8/28/2012 Analyzed: 8/29/2012

Targets

ANALYTE	Result µg/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	3,770		195	4,880	77.3	47-101
2-Chlorophenol	4,450		488	7,310	60.9	41-100
4-Chloro-3-methylphenol	6,130		488	7,310	83.8	47-114
1,4-Dichlorobenzene	2,380		488	4,880	48.8	32-100
2,4-Dinitrotoluene	4,170		488	4,880	85.5	54-112
4-Nitrophenol	7,140		1,270	7,310	97.6	47-130
N-Nitrosodi-n-propylamine	3,330		488	4,880	68.2	43-100
Pentachlorophenol	6,630		488	7,310	90.7	16-122
Phenol	4,580		488	7,310	62.5	40-101
Pyrene	4,010		195	4,880	82.2	51-119
1,2,4-Trichlorobenzene	2,950		488	4,880	60.5	40-100

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0201 **Sample Type: Liquid**

Blank (B2K0201-BLK1)
Prepared: 11/6/2012 Analyzed: 11/26/2012

Surrogates

ANALYTE	Result ng/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	32.3		50.0	64.6	41-128
2-Fluorobiphenyl	44.9		50.0	89.7	46-108
Terphenyl-d14	46.4		50.0	92.8	60-133

Blank (B2K0201-BLK1)
Prepared: 11/6/2012 Analyzed: 11/26/2012

Targets

ANALYTE	Result ng/L	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		20.0
Acenaphthylene	U		20.0
Anthracene	U		20.0
Benzo (a) anthracene	U		20.0
Benzo (a) pyrene	U		20.0
Benzo (b &/or k) fluoranthene	U		20.0
Benzo (g,h,i) perylene	U		20.0
Chrysene	U		20.0
Dibenz (a,h) anthracene	U		20.0
Fluoranthene	U		20.0
Fluorene	U		20.0
Indeno (1,2,3-cd) pyrene	U		20.0
2-Methylnaphthalene	U		20.0
Naphthalene	U		20.0
Phenanthrene	U		20.0
Pyrene	U		20.0

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0201 **Sample Type: Liquid**

LCS (B2K0201-BS1)

Prepared: 11/6/2012 Analyzed: 11/26/2012

Surrogates

ANALYTE	Result ng/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	37.6		50.0	75.2	41-128
2-Fluorobiphenyl	44.2		50.0	88.4	46-108
Terphenyl-d14	44.8		50.0	89.6	60-133

LCS (B2K0201-BS1)

Prepared: 11/6/2012 Analyzed: 11/26/2012

Targets

ANALYTE	Result ng/L	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	43.9		20.0	50.0	87.9	61-116
Acenaphthylene	40.4		20.0	50.0	80.7	70-121
Anthracene	48.2		20.0	50.0	96.4	68-122
Benzo (a) anthracene	43.6		20.0	50.0	87.2	76-125
Benzo (a) pyrene	40.7		20.0	50.0	81.4	75-125
Benzo (b &/or k) fluoranthene	85.6		20.0	100	85.6	70-130
Benzo (g,h,i) perylene	30.8		20.0	50.0	61.5 #	67-142
Chrysene	57.4		20.0	50.0	115	76-125
Dibenz (a,h) anthracene	38.9		20.0	50.0	77.7	61-145
Fluoranthene	39.8		20.0	50.0	79.6	74-123
Fluorene	46.5		20.0	50.0	93.0	65-129
Indeno (1,2,3-cd) pyrene	34.9		20.0	50.0	69.9	65-143
2-Methylnaphthalene	45.9		20.0	50.0	91.9	64-117
Naphthalene	46.1		20.0	50.0	92.3	65-115
Phenanthrene	39.1		20.0	50.0	78.1	69-121
Pyrene	50.1		20.0	50.0	100	58-134

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0201 **Sample Type: Liquid**

Matrix Spike (B2K0201-MS1)

Source: 1208013-01 Prepared: 11/6/2012 Analyzed: 11/26/2012

Surrogates

ANALYTE	Result ng/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	394		500	78.9	41-128
2-Fluorobiphenyl	382		500	76.4	46-108
Terphenyl-d14	428		500	85.6	60-133

Matrix Spike (B2K0201-MS1)

Source: 1208013-01 Prepared: 11/6/2012 Analyzed: 11/26/2012

Targets

ANALYTE	Result ng/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	419		200	500	2.8	83.2	43-129
Acenaphthylene	411		200	500	2.6	81.7	70-121
Anthracene	415		200	500	14.5	80.1	68-122
Benzo (a) anthracene	493		200	500	40.9	90.5	76-125
Benzo (a) pyrene	388		200	500	23.9	72.8 #	75-125
Benzo (b &/or k) fluoranthene	789		200	1,000	47.3	74.1	70-130
Benzo (g,h,i) perylene	328		200	500	10.4	63.4 #	67-142
Chrysene	519		200	500	55.9	92.5	76-125
Dibenz (a,h) anthracene	420		200	500	5.1	83.0	61-145
Fluoranthene	420		200	500	79.2	68.2 #	74-123
Fluorene	438		200	500	5.7	86.5	65-129
Indeno (1,2,3-cd) pyrene	419		200	500	5.8	82.7	65-143
2-Methylnaphthalene	380		200	500	9.9	74.0	64-117
Naphthalene	428		200	500	15.1	82.6	65-115
Phenanthrene	408		200	500	32.6	75.0	69-121
Pyrene	508		200	500	82.5	85.0	53-132

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0201 **Sample Type: Liquid**

Matrix Spike Dup (B2K0201-MSD1)

Source: 1208013-01 Prepared: 11/6/2012 Analyzed: 11/26/2012

Surrogates

ANALYTE	Result ng/L	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	336		500	67.3	41-128
2-Fluorobiphenyl	391		500	78.3	46-108
Terphenyl-d14	457		500	91.4	60-133

Matrix Spike Dup (B2K0201-MSD1)

Source: 1208013-01 Prepared: 11/6/2012 Analyzed: 11/26/2012

Targets

ANALYTE	Result ng/L	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	414		200	500	2.8	82.2	43-129	1.11	34
Acenaphthylene	410		200	500	2.6	81.5	70-121	0.32	30
Anthracene	407		200	500	14.5	78.5	68-122	1.86	30
Benzo (a) anthracene	457		200	500	40.9	83.1	76-125	7.73	30
Benzo (a) pyrene	378		200	500	23.9	70.8 #	75-125	2.65	30
Benzo (b &/or k) fluoranthene	786		200	1,000	47.3	73.9	70-130	0.33	30
Benzo (g,h,i) perylene	298		200	500	10.4	57.5 #	67-142	9.56	30
Chrysene	512		200	500	55.9	91.2	76-125	1.30	30
Dibenz (a,h) anthracene	398		200	500	5.1	78.5	61-145	5.56	30
Fluoranthene	407		200	500	79.2	65.6 #	74-123	3.06	30
Fluorene	429		200	500	5.7	84.7	65-129	2.17	30
Indeno (1,2,3-cd) pyrene	385		200	500	5.8	75.8	65-143	8.61	30
2-Methylnaphthalene	422		200	500	9.9	82.5	64-117	10.7	30
Naphthalene	567		200	500	15.1	110	65-115	28.0	30
Phenanthrene	398		200	500	32.6	73.1	69-121	2.33	30
Pyrene	514		200	500	82.5	86.4	53-132	1.36	19

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0601 **Sample Type: Non-Aqueous Liquid**

Blank (B2K0601-BLK1)
Prepared: 11/6/2012 Analyzed: 12/13/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	1,040		2,480	42.1	20-142
2-Fluorobiphenyl	1,090		2,480	43.9	40-129
Terphenyl-d14	2,150		2,480	86.7	29-129

Blank (B2K0601-BLK1)
Prepared: 11/6/2012 Analyzed: 12/13/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		990
Acenaphthylene	U		990
Anthracene	U		990
Benzo (a) anthracene	U		990
Benzo (a) pyrene	U		990
Benzo (b &/or k) fluoranthene	U		990
Benzo (g,h,i) perylene	U		990
Chrysene	U		990
Dibenz (a,h) anthracene	U		990
Fluoranthene	U		990
Fluorene	U		990
Indeno (1,2,3-cd) pyrene	U		990
2-Methylnaphthalene	U		990
Naphthalene	U		990
Phenanthrene	U		990
Pyrene	U		990

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0601 **Sample Type: Non-Aqueous Liquid**

LCS (B2K0601-BS1)

Prepared: 11/6/2012 Analyzed: 12/13/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	1,170		2,480	47.2	20-142
2-Fluorobiphenyl	1,260		2,480	50.8	40-129
Terphenyl-d14	1,820		2,480	73.5	29-129

LCS (B2K0601-BS1)

Prepared: 11/6/2012 Analyzed: 12/13/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	1,300		990	2,480	52.4 #	70-130
Acenaphthylene	1,440		990	2,480	58.3 #	70-130
Anthracene	2,070	J	990	2,480	83.7	70-130
Benzo (a) anthracene	1,800	J	990	2,480	72.7	70-130
Benzo (a) pyrene	1,770		990	2,480	71.5	70-130
Benzo (b &/or k) fluoranthene	3,560		990	4,950	72.0	70-130
Benzo (g,h,i) perylene	1,450		990	2,480	58.8 #	70-130
Chrysene	2,760	J	990	2,480	112	70-130
Dibenz (a,h) anthracene	1,280		990	2,480	51.7 #	70-130
Fluoranthene	1,210		990	2,480	48.7 #	70-130
Fluorene	1,580		990	2,480	64.0 #	70-130
Indeno (1,2,3-cd) pyrene	1,470		990	2,480	59.2 #	70-130
2-Methylnaphthalene	1,270		990	2,480	51.5 #	70-130
Naphthalene	1,640		990	2,480	66.1 #	70-130
Phenanthrene	1,530	J	990	2,480	61.8 #	70-130
Pyrene	2,000		990	2,480	80.9	70-130

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0601 **Sample Type: Non-Aqueous Liquid**

Matrix Spike (B2K0601-MS1)

Source: 1208013-13 Prepared: 11/6/2012 Analyzed: 12/13/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	16,000		23,600	67.6	20-142
2-Fluorobiphenyl	22,000		23,600	93.4	40-129
Terphenyl-d14	16,900		23,600	71.7	29-129

Matrix Spike (B2K0601-MS1)

Source: 1208013-13 Prepared: 11/6/2012 Analyzed: 12/13/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	32,600		2,360	23,600	8,460	102	70-130
Acenaphthylene	26,200		2,360	23,600	2,740	99.4	70-130
Anthracene	25,800		2,360	23,600	11,200	62.0 #	70-130
Benzo (a) anthracene	35,700		2,360	23,600	9,480	111	70-130
Benzo (a) pyrene	22,400		2,360	23,600	2,880	82.9	70-130
Benzo (b &/or k) fluoranthene	37,500		2,360	47,200	2,420	74.4	70-130
Benzo (g,h,i) perylene	23,900		2,360	23,600	2,100	92.3	70-130
Chrysene	36,900		2,360	23,600	14,700	94.1	70-130
Dibenz (a,h) anthracene	24,500		2,360	23,600	715	101	70-130
Fluoranthene	28,300		2,360	23,600	4,110	103	70-130
Fluorene	30,500		2,360	23,600	6,160	103	70-130
Indeno (1,2,3-cd) pyrene	23,800		2,360	23,600	482	98.7	70-130
2-Methylnaphthalene	25,600		2,360	23,600	3,490	93.9	70-130
Naphthalene	23,400		2,360	23,600	2,630	88.2	70-130
Phenanthrene	28,000		2,360	23,600	9,200	79.8	70-130
Pyrene	57,000		2,360	23,600	32,800	103	70-130

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K0601 **Sample Type: Non-Aqueous Liquid**

Matrix Spike Dup (B2K0601-MSD1)

Source: 1208013-13 Prepared: 11/6/2012 Analyzed: 12/13/2012

Surrogates

ANALYTE	Result µg/Kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	15,100		22,900	66.0	20-142
2-Fluorobiphenyl	21,900		22,900	95.5	40-129
Terphenyl-d14	15,500		22,900	67.6	29-129

Matrix Spike Dup (B2K0601-MSD1)

Source: 1208013-13 Prepared: 11/6/2012 Analyzed: 12/13/2012

Targets

ANALYTE	Result µg/Kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	31,400		2,290	22,900	8,460	99.9	70-130	3.72	30
Acenaphthylene	25,500		2,290	22,900	2,740	99.3	70-130	2.62	30
Anthracene	23,900		2,290	22,900	11,200	55.4 #	70-130	7.74	30
Benzo (a) anthracene	36,900		2,290	22,900	9,480	119	70-130	3.24	30
Benzo (a) pyrene	22,700		2,290	22,900	2,880	86.3	70-130	1.07	30
Benzo (b &/or k) fluoranthene	39,000		2,290	45,900	2,420	79.8	70-130	3.87	30
Benzo (g,h,i) perylene	23,500		2,290	22,900	2,100	93.3	70-130	1.54	30
Chrysene	37,900		2,290	22,900	14,700	101	70-130	2.65	30
Dibenz (a,h) anthracene	23,700		2,290	22,900	715	100	70-130	3.15	30
Fluoranthene	27,500		2,290	22,900	4,110	102	70-130	2.82	30
Fluorene	29,300		2,290	22,900	6,160	101	70-130	4.19	30
Indeno (1,2,3-cd) pyrene	23,800		2,290	22,900	482	102	70-130	0.16	30
2-Methylnaphthalene	25,000		2,290	22,900	3,490	93.6	70-130	2.67	30
Naphthalene	22,500		2,290	22,900	2,630	86.8	70-130	3.90	30
Phenanthrene	26,000		2,290	22,900	9,200	73.4	70-130	7.33	30
Pyrene	55,300		2,290	22,900	32,800	98.2	70-130	3.02	30

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

Blank (B2K1402-BLK1)
Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	10.9		24.8	44.0	42-108
2-Fluorobiphenyl	10.3		24.8	41.6 #	51-103
Terphenyl-d14	12.9		24.8	52.1 #	55-125

Blank (B2K1402-BLK1)
Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		2.5
Acenaphthylene	U		2.5
Anthracene	U		2.5
Benzo (a) anthracene	U		2.5
Benzo (a) pyrene	U		2.5
Benzo (b &/or k) fluoranthene	U		2.5
Benzo (g,h,i) perylene	U		2.5
Chrysene	U		2.5
Dibenz (a,h) anthracene	U		2.5
Fluoranthene	U		2.5
Fluorene	U		2.5
Indeno (1,2,3-cd) pyrene	U		2.5
2-Methylnaphthalene	U		2.5
Naphthalene	U		2.5
Phenanthrene	U		2.5
Pyrene	U		2.5

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

Blank (B2K1402-BLK2)

Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	8.18		24.9	32.9 #	42-108
2-Fluorobiphenyl	7.94		24.9	31.9 #	51-103
Terphenyl-d14	12.1		24.9	48.5 #	55-125

Blank (B2K1402-BLK2)

Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		2.5
Acenaphthylene	U		2.5
Anthracene	U		2.5
Benzo (a) anthracene	U		2.5
Benzo (a) pyrene	U		2.5
Benzo (b &/or k) fluoranthene	U		2.5
Benzo (g,h,i) perylene	U		2.5
Chrysene	U		2.5
Dibenz (a,h) anthracene	U		2.5
Fluoranthene	U		2.5
Fluorene	U		2.5
Indeno (1,2,3-cd) pyrene	U		2.5
2-Methylnaphthalene	U		2.5
Naphthalene	U		2.5
Phenanthrene	U		2.5
Pyrene	U		2.5

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

LCS (B2K1402-BS1)

Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	7.62		25.0	30.5 #	42-108
2-Fluorobiphenyl	8.44		25.0	33.8 #	51-103
Terphenyl-d14	13.5		25.0	54.0 #	55-125

LCS (B2K1402-BS1)

Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	9.8		2.5	25.0	39.1 #	47-101
Acenaphthylene	10.2		2.5	25.0	40.7 #	49-102
Anthracene	14.1		2.5	25.0	56.5	51-114
Benzo (a) anthracene	13.6		2.5	25.0	54.5 #	59-121
Benzo (a) pyrene	12.7		2.5	25.0	50.9 #	65-124
Benzo (b &/or k) fluoranthene	28.4		2.5	49.9	56.8 #	60-119
Benzo (g,h,i) perylene	9.2		2.5	25.0	37.0 #	54-139
Chrysene	19.4		2.5	25.0	77.9	58-122
Dibenz (a,h) anthracene	13.1		2.5	25.0	52.3 #	61-137
Fluoranthene	15.0		2.5	25.0	60.0	58-120
Fluorene	11.3		2.5	25.0	45.2 #	49-112
Indeno (1,2,3-cd) pyrene	12.0		2.5	25.0	48.2 #	61-137
2-Methylnaphthalene	9.2		2.5	25.0	36.7 #	47-101
Naphthalene	8.4		2.5	25.0	33.7 #	44-100
Phenanthrene	11.0		2.5	25.0	44.2 #	51-113
Pyrene	16.3		2.5	25.0	65.2	51-119

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

LCS (B2K1402-BS2)

Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	11.1		24.9	44.7	42-108
2-Fluorobiphenyl	12.0		24.9	48.3 #	51-103
Terphenyl-d14	12.6		24.9	50.9 #	55-125

LCS (B2K1402-BS2)

Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	13.0		2.5	24.9	52.1	47-101
Acenaphthylene	12.8		2.5	24.9	51.5	49-102
Anthracene	15.1		2.5	24.9	60.9	51-114
Benzo (a) anthracene	13.1		2.5	24.9	52.6 #	59-121
Benzo (a) pyrene	11.2		2.5	24.9	45.0 #	65-124
Benzo (b &/or k) fluoranthene	26.8		2.5	49.7	53.9 #	60-119
Benzo (g,h,i) perylene	9.1		2.5	24.9	36.5 #	54-139
Chrysene	18.4		2.5	24.9	74.1	58-122
Dibenz (a,h) anthracene	12.5		2.5	24.9	50.5 #	61-137
Fluoranthene	15.4		2.5	24.9	62.0	58-120
Fluorene	13.8		2.5	24.9	55.3	49-112
Indeno (1,2,3-cd) pyrene	11.7		2.5	24.9	47.1 #	61-137
2-Methylnaphthalene	12.4		2.5	24.9	50.0	47-101
Naphthalene	11.6		2.5	24.9	46.7	44-100
Phenanthrene	12.1		2.5	24.9	48.8 #	51-113
Pyrene	16.3		2.5	24.9	65.5	51-119

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

Matrix Spike (B2K1402-MS1)

Source: 1208009-02 Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	32.3		99.1	32.7 #	42-108
2-Fluorobiphenyl	44.3		99.1	44.8 #	51-103
Terphenyl-d14	52.8		99.1	53.3 #	55-125

Matrix Spike (B2K1402-MS1)

Source: 1208009-02 Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	48.0		9.9	99.1	0.6	47.9	34-107
Acenaphthylene	53.2		9.9	99.1	0.5	53.2	48-111
Anthracene	54.9		9.9	99.1	1.3	54.1	53-123
Benzo (a) anthracene	92.2		9.9	99.1	11.6	81.4	58-129
Benzo (a) pyrene	67.7		9.9	99.1	11.4	56.8 #	69-125
Benzo (b &/or k) fluoranthene	133		9.9	198	19.3	57.6 #	65-126
Benzo (g,h,i) perylene	48.9		9.9	99.1	14.6	34.6 #	50-137
Chrysene	113		9.9	99.1	41.4	72.4	58-128
Dibenz (a,h) anthracene	50.1		9.9	99.1	3.7	46.8 #	62-135
Fluoranthene	75.1		9.9	99.1	8.9	66.8	60-130
Fluorene	56.6		9.9	99.1	0.9	56.2	51-116
Indeno (1,2,3-cd) pyrene	48.5		9.9	99.1	5.4	43.5 #	62-133
2-Methylnaphthalene	48.1		9.9	99.1	3.3	45.3 #	50-105
Naphthalene	40.4		9.9	99.1	3.7	37.1 #	46-102
Phenanthrene	68.8		9.9	99.1	8.7	60.7	52-121
Pyrene	103		9.9	99.1	29.7	73.5	39-129

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

Matrix Spike (B2K1402-MS2)

Source: 1208012-14 Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	13.1		45.7	28.6 #	42-108
2-Fluorobiphenyl	18.8		45.7	41.2 #	51-103
Terphenyl-d14	22.0		45.7	48.0 #	55-125

Matrix Spike (B2K1402-MS2)

Source: 1208012-14 Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	21.4		4.6	45.7	0.3	46.1	34-107
Acenaphthylene	21.1		4.6	45.7	0.5	44.9 #	48-111
Anthracene	22.1		4.6	45.7	0.7	46.8 #	53-123
Benzo (a) anthracene	32.6		4.6	45.7	4.2	62.2	58-129
Benzo (a) pyrene	24.0		4.6	45.7	4.1	43.7 #	69-125
Benzo (b &/or k) fluoranthene	51.2		4.6	91.4	9.5	45.6 #	65-126
Benzo (g,h,i) perylene	19.1		4.6	45.7	4.6	31.7 #	50-137
Chrysene	43.8		4.6	45.7	18.1	56.3 #	58-128
Dibenz (a,h) anthracene	20.9		4.6	45.7	1.2	43.0 #	62-135
Fluoranthene	24.7		4.6	45.7	2.9	47.9 #	60-130
Fluorene	22.9		4.6	45.7	0.4	49.1 #	51-116
Indeno (1,2,3-cd) pyrene	21.5		4.6	45.7	2.9	40.6 #	62-133
2-Methylnaphthalene	19.5		4.6	45.7	5.0	31.8 #	50-105
Naphthalene	18.1		4.6	45.7	2.9	33.2 #	46-102
Phenanthrene	26.9		4.6	45.7	3.6	50.9 #	52-121
Pyrene	37.4		4.6	45.7	7.0	66.6	39-129

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

Matrix Spike Dup (B2K1402-MSD1)

Source: 1208009-02 Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	36.5		98.7	37.0 #	42-108
2-Fluorobiphenyl	48.1		98.7	48.8 #	51-103
Terphenyl-d14	56.4		98.7	57.2	55-125

Matrix Spike Dup (B2K1402-MSD1)

Source: 1208009-02 Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	60.7		9.9	98.7	0.6	60.9	34-107	23.3	31
Acenaphthylene	61.1		9.9	98.7	0.5	61.4	48-111	13.8	30
Anthracene	53.8		9.9	98.7	1.3	53.2	53-123	1.92	30
Benzo (a) anthracene	101		9.9	98.7	11.6	90.6	58-129	9.09	30
Benzo (a) pyrene	79.7		9.9	98.7	11.4	69.2	69-125	16.4	30
Benzo (b &/or k) fluoranthene	149		9.9	197	19.3	65.6	65-126	10.9	30
Benzo (g,h,i) perylene	51.6		9.9	98.7	14.6	37.5 #	50-137	5.47	30
Chrysene	126		9.9	98.7	41.4	86.1	58-128	11.1	30
Dibenz (a,h) anthracene	51.6		9.9	98.7	3.7	48.6 #	62-135	3.08	30
Fluoranthene	75.3		9.9	98.7	8.9	67.3	60-130	0.21	30
Fluorene	65.4		9.9	98.7	0.9	65.3	51-116	14.4	30
Indeno (1,2,3-cd) pyrene	49.0		9.9	98.7	5.4	44.2 #	62-133	0.98	30
2-Methylnaphthalene	58.8		9.9	98.7	3.3	56.3	50-105	20.0	30
Naphthalene	44.5		9.9	98.7	3.7	41.4 #	46-102	9.69	30
Phenanthrene	75.8		9.9	98.7	8.7	68.0	52-121	9.62	30
Pyrene	142		9.9	98.7	29.7	114	39-129	32.5	34

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2K1402 **Sample Type: Solid**

Matrix Spike Dup (B2K1402-MSD2)

Source: 1208012-14 Prepared: 11/15/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	16.9		46.2	36.7 #	42-108
2-Fluorobiphenyl	24.8		46.2	53.6	51-103
Terphenyl-d14	26.2		46.2	56.8	55-125

Matrix Spike Dup (B2K1402-MSD2)

Source: 1208012-14 Prepared: 11/15/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	28.1		4.6	46.2	0.3	60.1	34-107	27.1	31
Acenaphthylene	28.0		4.6	46.2	0.5	59.5	48-111	28.3	30
Anthracene	29.7		4.6	46.2	0.7	62.7	53-123	29.2	30
Benzo (a) anthracene	38.1		4.6	46.2	4.2	73.5	58-129	15.6	30
Benzo (a) pyrene	30.5		4.6	46.2	4.1	57.2 #	69-125	23.6	30
Benzo (b &/or k) fluoranthene	63.3		4.6	92.4	9.5	58.2 #	65-126	21.1	30
Benzo (g,h,i) perylene	23.7		4.6	46.2	4.6	41.4 #	50-137	21.6	30
Chrysene	50.3		4.6	46.2	18.1	69.7	58-128	13.7	30
Dibenz (a,h) anthracene	26.0		4.6	46.2	1.2	53.6 #	62-135	21.8	30
Fluoranthene	30.7		4.6	46.2	2.9	60.2	60-130	21.4	30
Fluorene	30.9		4.6	46.2	0.4	66.0	51-116	29.8	30
Indeno (1,2,3-cd) pyrene	26.4		4.6	46.2	2.9	50.8 #	62-133	20.4	30
2-Methylnaphthalene	26.3		4.6	46.2	5.0	46.2 #	50-105	29.7	30
Naphthalene	21.9		4.6	46.2	2.9	41.1 #	46-102	19.0	30
Phenanthrene	33.0		4.6	46.2	3.6	63.6	52-121	20.4	30
Pyrene	42.0		4.6	46.2	7.0	75.8	39-129	11.5	34

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2L1304 **Sample Type: Solid**

Blank (B2L1304-BLK1)
Prepared: 12/14/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	15.4		23.9	64.3	42-108
2-Fluorobiphenyl	17.1		23.9	71.3	51-103
Terphenyl-d14	30.7		23.9	128 #	55-125

Blank (B2L1304-BLK1)
Prepared: 12/14/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		9.6
Acenaphthylene	U		9.6
Anthracene	U		9.6
Benzo (a) anthracene	U		9.6
Benzo (a) pyrene	U		9.6
Benzo (b &/or k) fluoranthene	U		9.6
Benzo (g,h,i) perylene	U		9.6
Chrysene	U		9.6
Dibenz (a,h) anthracene	U		9.6
Fluoranthene	U		9.6
Fluorene	U		9.6
Indeno (1,2,3-cd) pyrene	U		9.6
2-Methylnaphthalene	U		9.6
Naphthalene	U		9.6
Phenanthrene	U		9.6
Pyrene	U		9.6

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Semivolatiles by EPA Method 8270 - GC/MS/MS - Quality Control

Batch: B2L1304 **Sample Type: Solid**

LCS (B2L1304-BS1)

Prepared: 12/14/2012 Analyzed: 12/19/2012

Surrogates

ANALYTE	Result ug/Kg dry	Analyte Qualifier	Spike Level	%REC	%REC Limits
Nitrobenzene-d5	11.6		24.4	47.7	42-108
2-Fluorobiphenyl	14.6		24.4	59.8	51-103
Terphenyl-d14	23.9		24.4	98.1	55-125

LCS (B2L1304-BS1)

Prepared: 12/14/2012 Analyzed: 12/19/2012

Targets

ANALYTE	Result ug/Kg dry	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	14.8		9.7	24.4	60.8	47-101
Acenaphthylene	14.3		9.7	24.4	58.5	49-102
Anthracene	27.6	J	9.7	24.4	113	51-114
Benzo (a) anthracene	25.6	J	9.7	24.4	105	59-121
Benzo (a) pyrene	15.3		9.7	24.4	62.9 #	65-124
Benzo (b &/or k) fluoranthene	38.3		9.7	48.7	78.7	60-119
Benzo (g,h,i) perylene	10.5		9.7	24.4	43.0 #	54-139
Chrysene	27.5	J	9.7	24.4	113	58-122
Dibenz (a,h) anthracene	7.8		9.7	24.4	31.8 #	61-137
Fluoranthene	16.0		9.7	24.4	65.6	58-120
Fluorene	15.8		9.7	24.4	65.0	49-112
Indeno (1,2,3-cd) pyrene	10.4		9.7	24.4	42.6 #	61-137
2-Methylnaphthalene	14.9		9.7	24.4	61.1	47-101
Naphthalene	17.5		9.7	24.4	71.8	44-100
Phenanthrene	12.5	J	9.7	24.4	51.3	51-113
Pyrene	25.2		9.7	24.4	104	51-119

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USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/14/2012
CarrierName: FedEx
AirbillNo: 798739651840

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 1

No: 6-081412-131350-0001
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-01-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463841 (Ice), 6-463842 (Ice), 6-463843 (Ice), 6-463844 (Ice), 6-463845 (HNO3 pH<2) (5)	DD-01	08/14/2012 08:20	Field Sample
DD-01-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-463856 (Ice), 6-463857 (Ice) (2)	DD-01	08/14/2012 08:30	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/14/2012
CarrierName: FedEx
AirbillNo: 798739678550

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 2

No: 6-081412-132629-0002
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-04-00-12-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463944 (Ice), 6-463945 (Ice), 6-463946 (Ice), 6-463947 (Ice), 6-463948 (HNO3 pH<2) (5)	DD-04	08/14/2012 10:20	Field Duplicate
DD-04-03-52	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-463905 (Ice), 6-463906 (Ice) (2)	DD-04	08/14/2012 10:35	Field Duplicate

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 4°C

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CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 3

No: 6-081412-132630-0003
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SED-01-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35)	6-463931 (Ice) (1)	SW-01	08/14/2012 10:50	Field Sample
SW-01-00-11-120814	Surface Water/ START	Grab	ABN(35), Pest/PCB(35), Pest/PCB(35), Pest/PCB(35), ABN(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463962 (Ice), 6-463963 (Ice), 6-463964 (Ice), 6-463965 (Ice), 6-463969 (Ice), 6-463970 (Ice), 6-463971 (HNO3 pH<2) (7)	SW-01	08/14/2012 10:40	Field Sample

Sample(s) to be used for Lab QC: SED-01-03-51, SW-01-00-11-120814

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 1°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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CarrierName: FedEx
AirbillNo: 798739694409

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 4

No: 6-081412-132630-0004
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-02-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463849 (Ice), 6-463850 (Ice), 6-463851 (Ice), 6-463852 (Ice), 6-463853 (HNO3 pH<2) (5)	DD-02	08/14/2012 08:50	Field Sample
DD-02-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-463860 (Ice), 6-463861 (Ice) (2)	DD-02	08/14/2012 09:00	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/14/12	Isiah Harris	8/15/12	16:05						

Sample Temp: 1°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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DateShipped: 8/14/2012
CarrierName: FedEx
AirbillNo: 798740903152

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 5

No: 6-081412-143705-0005
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-03-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463865 (Ice), 6-463866 (Ice), 6-463867 (Ice), 6-463868 (Ice), 6-463869 (HNO3 pH<2) (5)	DD-03	08/14/2012 09:10	Field Sample
DD-03-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-463872 (Ice), 6-463873 (Ice) (2)	DD-03	08/14/2012 09:20	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 3°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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DateShipped: 8/14/2012
CarrierName: FedEx
AirbillNo: 798740911595

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 6

No: 6-081412-143705-0006
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-04-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463936 (Ice), 6-463937 (Ice), 6-463938 (Ice), 6-463939 (Ice), 6-463940 (HNO3 pH<2) (5)	DD-04	08/14/2012 10:15	Field Sample
DD-04-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-463901 (Ice), 6-463902 (Ice) (2)	DD-04	08/14/2012 10:30	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[illegible]	8/14/12	Isaich Harris	8/15/12	16:05						

Sample Temp: 3°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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CarrierName: FedEx
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CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 7

No: 6-081412-143706-0007
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
PPE-01-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463975 (Ice), 6-463976 (Ice), 6-463977 (Ice), 6-463978 (Ice), 6-463979 (HNO3 pH<2) (5)	PPE-01	08/14/2012 13:05	Field Sample
PPE-01-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473249 (Ice), 6-473250 (Ice) (2)	PPE-01	08/14/2012 13:10	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 5°C

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Region 6 Laboratory
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CarrierName: FedEx
AirbillNo: 798741963420

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 9

No: 6-081412-151703-0009
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SED-02-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473257 (Ice), 6-473258 (Ice) (2)	SW-02	08/14/2012 13:40	Field Sample
SW-02-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463997 (Ice), 6-463998 (Ice), 6-463999 (Ice), 6-473245 (Ice), 6-473246 (HNO3 pH<2) (5)	SW-02	08/14/2012 13:33	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 4°C

Environmental Protection Agency
Region 6 Laboratory
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AirbillNo: 798741975776

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 10

No: 6-081412-151703-0010
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SED-03-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473269 (Ice), 6-473270 (Ice) (2)	SW-03	08/14/2012 14:02	Field Sample
SW-03-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473262 (Ice), 6-473263 (Ice), 6-473264 (Ice), 6-473265 (Ice), 6-473266 (HNO3 pH<2) (5)	SW-03	08/14/2012 13:56	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	16:05						

Sample Temp: 6°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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CHAIN OF CUSTODY RECORD
Norphlet

Cooler #: 12

No: 6-081412-153902-0012
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-01-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-463854 (Ice), 6-463855 (Ice) (2)	DD-01	08/14/2012 08:30	Field Sample
DD-02-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-463858 (Ice), 6-463859 (Ice) (2)	DD-02	08/14/2012 09:00	Field Sample
DD-03-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-463870 (Ice), 6-463871 (Ice) (2)	DD-03	08/14/2012 09:20	Field Sample
DD-04-00-44-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473271 (HCl), 6-473272 (HCl), 6-473273 (HCl) (3)	DD-04	08/14/2012 15:00	Trip Blank
DD-04-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-463874 (Ice), 6-463875 (Ice) (2)	DD-04	08/14/2012 10:30	Field Sample
DD-04-03-52	Sediment/ START	Grab	VOA(35), VOA(35)	6-463903 (Ice), 6-463904 (Ice) (2)	DD-04	08/14/2012 10:35	Field Duplicate
PPE-01-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473247 (Ice), 6-473248 (Ice) (2)	PPE-01	08/14/2012 13:10	Field Sample
PPE-02-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473251 (Ice), 6-473252 (Ice) (2)	PPE-02	08/14/2012 13:20	Field Sample
SED-01-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-463907 (Ice), 6-463930 (Ice) (2)	SW-01	08/14/2012 10:50	Field Sample
SED-02-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473255 (Ice), 6-473256 (Ice) (2)	SW-02	08/14/2012 13:40	Field Sample
SED-03-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473267 (Ice), 6-473268 (Ice) (2)	SW-03	08/14/2012 14:02	Field Sample

Sample(s) to be used for Lab QC: SED-01-03-51

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12									
			Isaiah Harris	8/15/12	16:05						

Sample Temp: 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/14/2012
CarrierName: FedEx
AirbillNo: 798742383557

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 13

No: 6-081412-153902-0013
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-01-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463838 (HCl), 6-463839 (HCl), 6-463840 (HCl) (3)	DD-01	08/14/2012 08:20	Field Sample
DD-02-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463846 (HCl), 6-463847 (HCl), 6-463848 (HCl) (3)	DD-02	08/14/2012 08:50	Field Sample
DD-03-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463862 (HCl), 6-463863 (HCl), 6-463864 (HCl) (3)	DD-03	08/14/2012 09:10	Field Sample
DD-04-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463933 (HCl), 6-463934 (HCl), 6-463935 (HCl) (3)	DD-04	08/14/2012 10:15	Field Sample
DD-04-00-12-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463941 (HCl), 6-463942 (HCl), 6-463943 (HCl) (3)	DD-04	08/14/2012 10:20	Field Duplicate
PPE-01-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463972 (HCl), 6-463973 (HCl), 6-463974 (HCl) (3)	PPE-01	08/14/2012 13:05	Field Sample
PPE-02-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463980 (HCl), 6-463981 (HCl), 6-463982 (HCl) (3)	PPE-02	08/14/2012 13:15	Field Sample
SW-01-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-463949 (HCl), 6-463950 (HCl), 6-463951 (HCl) (3)	SW-01	08/14/2012 10:40	Field Sample
SW-01-00-44-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473274 (HCl), 6-473275 (HCl), 6-473276 (HCl) (3)	SW-01	08/14/2012 16:00	Trip Blank

Sample(s) to be used for Lab QC: SW-02-00-11-120814

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
N/S	[illegible]	8/14/12	Fedex	8/14/12							
			Isaiah Harris	8/15/12	16:05						

Sample Temp: 5°C

Environmental Protection Agency
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10625 Fallstone Road, Houston, TX 77099
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CarrierName: FedEx
AirbillNo: 798742383557

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 13

No: 6-081412-153902-0013
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SW-02-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35), VOA(35), VOA(35), VOA(35), VOA(35), VOA(35)	6-463988 (HCl), 6-463989 (HCl), 6-463990 (HCl), 6-463991 (HCl), 6-463992 (HCl), 6-463993 (HCl), 6-463994 (HCl), 6-463995 (HCl), 6-463996 (HCl) (9)	SW-02	08/14/2012 13:33	Field Sample
SW-03-00-11-120814	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473259 (HCl), 6-473260 (HCl), 6-473261 (HCl) (3)	SW-03	08/14/2012 13:56	Field Sample

Sample(s) to be used for Lab QC: SW-02-00-11-120814

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
11/Samples	[signature]	8/14/12	Fedex	8/14/12							
			Isaiah Harris	8/15/12	16:05						

Sample Temp: 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
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DateShipped: 8/14/2012
CarrierName: FedEx
AirbillNo: 798741983650

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 11

No: 6-081412-151704-0011
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SED-01-03-51	Sediment/ START	Grab	TAL Metals + Hg(35)	6-463932 (Ice) (1)	SW-01	08/14/2012 10:50	Field Sample
SW-01-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35), ABN(35), ABN(35)	6-463952 (Ice), 6-463953 (Ice), 6-463954 (Ice), 6-463955 (Ice), 6-463956 (HNO3 pH<2), 6-463960 (Ice), 6-463961 (Ice) (7)	SW-01	08/14/2012 10:40	Field Sample

Sample(s) to be used for Lab QC: SED-01-03-51, SW-01-00-11-120814

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/14/12	Isaiah Harris	8/15/12	14:20						

Sample Temp: 6°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745798284

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 1

No: 6-081412-143706-0008
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
PPE-02-00-11-120814	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-463983 (Ice), 6-463984 (Ice), 6-463985 (Ice), 6-463986 (Ice), 6-463987 (HNO3 pH<2) (5)	PPE-02	08/14/2012 13:15	Field Sample
PPE-02-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473253 (Ice), 6-473254 (Ice) (2)	PPE-02	08/14/2012 13:20	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/15/12	Isaiah Harris	8/16/12	9:20						

Sample Temp: 3°C

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DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745804158

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 2

No: 6-081512-082330-0014
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
OP-01-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473309 (Ice), 6-473310 (Ice) (2)	OP-01	08/15/2012 08:55	Field Sample
RD-01-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473305 (Ice), 6-473306 (Ice) (2)	RD-01	08/15/2012 09:45	Field Sample
RD-02-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473293 (Ice), 6-473294 (Ice) (2)	RD-02	08/15/2012 09:05	Field Sample
RD-02-03-52	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473299 (Ice), 6-473300 (Ice) (2)	RD-02	08/15/2012 09:15	Field Duplicate
TS-01-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473281 (Ice), 6-473282 (Ice) (2)	TS-01	08/15/2012 08:20	Field Sample
TS-02-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473287 (Ice), 6-473288 (Ice) (2)	TS-02	08/15/2012 08:40	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/15/12	Isaiah Harris	8/16/12	9:20						

Sample Temp: 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745809930

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 4

No: 6-081512-082446-0016
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
OP-02-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473340 (Ice), 6-473341 (Ice) (2)	OP-02	08/15/2012 12:30	Field Sample
PPE-03-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473346 (Ice), 6-473347 (Ice) (2)	PPE-03	08/15/2012 12:45	Field Sample
PS-01-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473315 (Ice), 6-473316 (Ice) (2)	PS-01	08/15/2012 11:20	Field Sample
PS-02-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473321 (Ice), 6-473322 (Ice) (2)	PS-02	08/15/2012 11:30	Field Sample
PS-03-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473330 (Ice), 6-473331 (Ice) (2)	PS-03	08/15/2012 11:40	Field Sample
WA-01-03-51	Soil/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473352 (Ice), 6-473353 (Ice) (2)	WA-01	08/15/2012 12:55	Field Sample

Sample(s) to be used for Lab QC: PS-02-03-51

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/15/12	Isaiah Harris	8/15/12	9:20						

Sample Temp: 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745815660

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 6

No: 6-081512-082448-0018
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
NCI-1-120815-21	Ground Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473357 (Ice), 6-473358 (Ice), 6-473359 (Ice), 6-473360 (Ice), 6-473361 (HNO3 pH<2) (5)	NCI-1	08/15/2012 11:34	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/15/12	Isaiah Harris	8/16/12	9:20						

Sample Temp: 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745806930

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 3

No: 6-081512-082445-0015
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
OP-01-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473307 (Ice), 6-473308 (Ice) (2)	OP-01	08/15/2012 08:55	Field Sample
PS-01-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473311 (Ice), 6-473312 (Ice), 6-473313 (Ice), 6-473314 (Ice) (4)	PS-01	08/15/2012 11:20	Field Sample
PS-03-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473326 (Ice), 6-473327 (Ice), 6-473328 (Ice), 6-473329 (Ice) (4)	PS-03	08/15/2012 11:40	Field Sample
RD-01-03-44	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473332 (HCl), 6-473333 (HCl), 6-473334 (HCl) (3)	RD-01	08/15/2012 13:00	Trip Blank
RD-01-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473301 (Ice), 6-473302 (Ice), 6-473303 (Ice), 6-473304 (Ice) (4)	RD-01	08/15/2012 09:45	Field Sample
RD-02-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473289 (Ice), 6-473290 (Ice), 6-473291 (Ice), 6-473292 (Ice) (4)	RD-02	08/15/2012 09:05	Field Sample
RD-02-03-52	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473295 (Ice), 6-473296 (Ice), 6-473297 (Ice), 6-473298 (Ice) (4)	RD-02	08/15/2012 09:15	Field Duplicate
TS-01-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473277 (Ice), 6-473278 (Ice), 6-473279 (Ice), 6-473280 (Ice) (4)	TS-01	08/15/2012 08:20	Field Sample

Special Instructions:

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
9/ Samples	[illegible]	8/15/12	Fedex	8/15/12							
			Isaiah Harris	8/16/12	9:20						

Sample Temp: 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745806930

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 3

No: 6-081512-082445-0015
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
TS-02-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473283 (Ice), 6-473284 (Ice), 6-473285 (Ice), 6-473286 (Ice) (4)	TS-02	08/15/2012 08:40	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
9/Samples	[illegible]	8/15/12	FedEx	8/15/12							
			Isaiah Harris	8/16/12	9:20						

Sample Temp: 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/15/2012
CarrierName: FedEx
AirbillNo: 798745812557

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 5

No: 6-081512-082446-0017
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
NCI-1-120815-21	Ground Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473354 (HCl), 6-473355 (HCl), 6-473356 (HCl) (3)	NCI-1	08/15/2012 11:34	Field Sample
OP-02-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473338 (Ice), 6-473339 (Ice) (2)	OP-02	08/15/2012 12:30	Field Sample
PPE-03-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473342 (Ice), 6-473345 (Ice) (2)	PPE-03	08/15/2012 12:45	Field Sample
PS-02-03-44	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473335 (HCl), 6-473336 (HCl), 6-473337 (HCl) (3)	PS-02	08/15/2012 15:00	Trip Blank
PS-02-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35), VOA(35), VOA(35), VOA(35)	6-473317 (Ice), 6-473318 (Ice), 6-473319 (Ice), 6-473320 (Ice), 6-473323 (Ice), 6-473324 (Ice), 6-473325 (Ice) (7)	PS-02	08/15/2012 11:30	Field Sample
WA-01-03-51	Soil/ START	Grab	VOA(35), VOA(35), VOA(35), VOA(35)	6-473348 (Ice), 6-473349 (Ice), 6-473350 (Ice), 6-473351 (Ice) (4)	WA-01	08/15/2012 12:55	Field Sample

Sample(s) to be used for Lab QC: PS-02-03-51

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/15/12									
			Isaiah Harris	8/16/12	9:20						

Sample Temp: 6°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755374287

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 1

No: 6-081612-065535-0022
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
BG-01-00-11-120816	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473366 (Ice), 6-473367 (Ice), 6-473368 (Ice), 6-473369 (Ice), 6-473370 (HNO3 pH<2) (5)	BG-01	08/16/2012 07:00	Field Sample
BG-01-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473373 (Ice), 6-473374 (Ice) (2)	BG-01	08/16/2012 07:10	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[illegible]	8/18/12	Christy Warren	8/17/12	9:10						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755375890

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 2

No: 6-081612-065615-0023
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
BG-01-00-11-120816	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473363 (HCl), 6-473364 (HCl), 6-473365 (HCl) (3)	BG-01	08/16/2012 07:00	Field Sample
BG-01-03-44	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473391 (HCl), 6-473392 (HCl), 6-473393 (HCl) (3)	SW-01	08/16/2012 09:00	Trip Blank
BG-01-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473371 (Ice), 6-473372 (Ice) (2)	BG-01	08/16/2012 07:10	Field Sample
OP-02-00-11-120816	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473402 (HCl), 6-473403 (HCl), 6-473404 (HCl) (3)	OP-02	08/16/2012 08:50	Field Sample
OP-02-00-12-120816	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473410 (HCl), 6-473411 (HCl), 6-473412 (HCl) (3)	OP-02	08/16/2012 08:55	Field Duplicate
SED-04-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473394 (Ice), 6-473395 (Ice) (2)	SW-04	08/16/2012 08:20	Field Sample
SED-05-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473398 (Ice), 6-473399 (Ice) (2)	SW-05	08/16/2012 08:35	Field Sample
SW-04-00-11-120816	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473375 (HCl), 6-473376 (HCl), 6-473377 (HCl) (3)	SW-04	08/16/2012 07:35	Field Sample
SW-05-00-11-120816	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473383 (HCl), 6-473384 (HCl), 6-473385 (HCl) (3)	SW-05	08/16/2012 07:50	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/18/12	Christy Warren	8/17/12	9:10						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755376810

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 3

No: 6-081612-065620-0024
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SED-04-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473396 (Ice), 6-473397 (Ice) (2)	SW-04	08/16/2012 08:20	Field Sample
SW-04-00-11-120816	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473378 (Ice), 6-473379 (Ice), 6-473380 (Ice), 6-473381 (Ice), 6-473382 (HNO3 pH<2) (5)	SW-04	08/16/2012 07:35	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/18/12	Christy Warren	8/17/12	9:10						

Sample Temp = 4°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755377264

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 4

No: 6-081612-065620-0025
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
SED-05-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473400 (Ice), 6-473401 (Ice) (2)	SW-05	08/16/2012 08:35	Field Sample
SW-05-00-11-120816	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473386 (Ice), 6-473387 (Ice), 6-473388 (Ice), 6-473389 (Ice), 6-473390 (HNO3 pH<2) (5)	SW-05	08/16/2012 07:50	Field Sample

Special Instructions:

Shipment for Case Complete? N

Analysis Key

Samples Transferred From Chain of Custody #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/18/12	Christy Warren	8/17/12	9:10						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755377584

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 5

No: 6-081612-065621-0026
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-05-03-51	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473420 (Ice), 6-473421 (Ice) (2)	DD-05	08/16/2012 09:20	Field Sample
OP-02-00-11-120816	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473405 (Ice), 6-473406 (Ice), 6-473407 (Ice), 6-473408 (Ice), 6-473409 (HNO3 pH<2) (5)	OP-02	08/16/2012 08:50	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEX		8/15/12	Christy Warren	8/17/12	9:10						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755378466

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 6

No: 6-081612-065621-0027
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-05-03-52	Sediment/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473424 (Ice), 6-473425 (Ice) (2)	DD-05	08/16/2012 09:25	Field Duplicate
OP-02-00-12-120816	Surface Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473413 (Ice), 6-473414 (Ice), 6-473415 (Ice), 6-473416 (Ice), 6-473417 (HNO3 pH<2) (5)	OP-02	08/16/2012 08:55	Field Duplicate

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx		8/18/12	Christy Warren	8/17/12	9:10						

Sample Temp = 5°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755378525

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 7

No: 6-081612-065622-0028
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
IDW-01-00-21	Waste/ START	Grab	ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473463 (Ice), 6-473464 (Ice) (2)	IDW-01	08/16/2012 12:05	Field Sample
NCI-3-120816-21	Ground Water/ START	Grab	ABN(35), ABN(35), Pest/PCB(35), Pest/PCB(35), TAL Metals + Hg(35)	6-473429 (Ice), 6-473430 (Ice), 6-473431 (Ice), 6-473432 (Ice), 6-473433 (HNO3 pH<2) (5)	NCI-3	08/16/2012 07:23	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEx	[signature]	8/18/12	Christy Warren	8/17/12	9:10						

Sample Temp = 6°C

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

USEPA CLP Generic COC (REGION COPY)
DateShipped: 8/16/2012
CarrierName: FedEx
AirbillNo: 798755379440

CHAIN OF CUSTODY RECORD
Norphlet
Cooler #: 8

No: 6-081612-065622-0029
Lab: EPA R6 Lab
Lab Contact: Christy Warren
Lab Phone: 281-983-2137

Sample #	Matrix/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
DD-05-03-44	Surface Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473465 (HCl), 6-473466 (HCl), 6-473467 (HCl) (3)	DD-05	08/16/2012 13:00	Trip Blank
DD-05-03-51	Sediment/ START	Grab	VOA(35), VOA(35)	6-473418 (Ice), 6-473419 (Ice) (2)	DD-05	08/16/2012 09:20	Field Sample
DD-05-03-52	Sediment/ START	Grab	VOA(35), VOA(35)	6-473422 (Ice), 6-473423 (Ice) (2)	DD-05	08/16/2012 09:25	Field Duplicate
IDW-01-00-21	Waste/ START	Grab	VOA(35), VOA(35)	6-473461 (Ice), 6-473462 (Ice) (2)	IDW-01	08/16/2012 12:05	Field Sample
MW-1-120816-21	Waste/ START	Grab	VOA(35), VOA(35), ABN/Pest/PCB(35), TAL Metals + Hg(35)	6-473436 (Ice), 6-473437 (Ice), 6-473438 (Ice), 6-473439 (Ice) (4)	MW-1	08/16/2012 10:15	Field Sample
NCI-3-120816-21	Ground Water/ START	Grab	VOA(35), VOA(35), VOA(35)	6-473426 (HCl), 6-473427 (HCl), 6-473428 (HCl) (3)	NCI-3	08/16/2012 07:23	Field Sample

Special Instructions:

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
FedEX		8/18/12	Christy Warren	8/17/12	9:10						

Sample temp = 6° C.

Environmental Protection Agency
Region 6 Laboratory
10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

RL	The reporting limit for this analyte was raised because absence or presence at the routine or lower value could not be verified"
NJ	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.
J	The identification of the analyte is acceptable; the reported value is an estimate.
A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
ABN	Acid Base Neutrals (Semivolatile Compounds)
AES	Atomic Emission Spectrometer
BS	Blank Spike
CVAA	Cold Vapor Atomic Absorption
DCB	Decachlorobiphenyl
ECD	Electron Capture Detector
GC	Gas Chromatograph
ICP	Inductively Coupled Plasma
ISTD	Internal Standard
LCS	Laboratory Control Sample
MS	Mass Spectrometer
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
PCB	Polychlorinatedbiphenyl
RL	Reporting Limit

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RT	Retention Time
TCLP	Toxicity Characteristic Leaching Procedure
TCMX	Tetrachloro-meta-xylene
U	Undetected
VOA	Volatile Organic Analysis
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.