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 ----------Hillcrest Community Env. Invest

Sample Collection Date(s)-- 10/18/10 - 10/22/10

Contact---------- Gary Miller (6PD-A)

Report Date---------- 11/29/10

Project #---------- 11RCRA006

Work Order(s)----------1010010
1010016
1010023
1010028
1010029

Analyses included in this report:

ABN 8270 Low Level	P/P TPH
Solids, Dry Weight	VOA 8260 Routine List
VOA 8260/5035	

Report Narrative

Sample Management:

Sample 1010010-04 (Trip Blank) , 1010023-07 (Trip Blank), 1010028-03 (Trip Blank), and 1010028-04 (Trip Blank) arrived without custody seals and sample tags attached to each container.

Sample 1010010-06 (Trip Blank) was not listed on the chain of custody.

Sample 1010028-06: The sample tag attached to the 4 oz jar for VOA did not list the sample station ID. The sample station ID was listed on the custody seal.

No extra volume was provided for ABN analysis. RPM agreed to a blank spike and blank spike duplicate instead of MS/MSD.

Semi-volatiles:

Benzoic acid, where reported, is qualified as estimated due to problems with chromatography.

Liquids: Three analytes fail in the BS/BSD. Of those Hexachlorobutadiene fails significantly low. The reporting limit (RL) was raised in samples for this analyte to ensure non-detects are

Report Narrative (cont'd)

accurate. Absence or presence at the lower RL could not be verified. The other failures were not found in the samples.

Solids: Samples 1010016-02 and 1010023-06 were re-extracted due to low surrogate recoveries. Only the re-extraction results are reported.

Benzyl alcohol is qualified as estimated in B0J2605-MS1/MSD1 and B0J2902-BS1 due to chromatography problems. The integrations were estimated. One analyte fails low in the MSD but was not found in the samples.

Volatiles:

Acetone, where reported, is qualified as blank related due to the presence of this analyte in the associated analysis blank.

Liquids: Several analytes fail in the BS/MS/MSD. None were found in the associated samples.

Solids: Acetone, where reported, is qualified as estimated due to the failure of this analyte in the initial calibration.

The surrogate BFB fails low in sample 1010023-06. There were no associated targets.

2-Butanone, where reported, is qualified as blank related due to the presence of this analyte in the associated analysis blank.

Four analytes fail in the BSs. Of those 2-Butanone was found in the samples and is qualified as high biased.

Several analytes fail in the MS/MSD. Of those Acetone was found in the source sample and is already qualified as estimated.

TPH:

Liquids: Two surrogates fail high. GRO fails high in BS1/MS1/MSD1. Nothing was found in the samples.

Solids: GRO, DRO and TPH are qualified as estimated in sample 1010023-06 due to inconsistent concentrations found. All GRO, DRO, and TPH were quantitated separately and the TPH was lower than expected compared to sum of GRO and DRO. This is the only sample where targets were reported.

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: Hillcrest Community Env. Invest Project Number: 11RCRA006

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

Region 6 Laboratory

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

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
MW6	1010010-01	Solid	10/18/10 11:18	10/19/10 08:50
MW6	1010010-02	Solid	10/18/10 11:26	10/19/10 08:50
GP20	1010010-03	Solid	10/18/10 15:40	10/19/10 08:50
Trip Blanks	1010010-04	Liquid	10/18/10 0:00	10/19/10 08:50
MW3	1010016-01	Solid	10/19/10 9:00	10/20/10 08:55
GP10	1010016-02	Solid	10/19/10 11:06	10/20/10 08:55
MW1	1010016-03	Solid	10/19/10 13:46	10/20/10 08:55
MW2	1010016-04	Solid	10/19/10 14:14	10/20/10 08:55
MW2	1010016-05	Solid	10/19/10 14:20	10/20/10 08:55
Trip Blank	1010016-06	Liquid	10/19/10 0:00	10/20/10 08:55
MW4	1010023-01	Solid	10/20/10 8:30	10/21/10 10:50
MW5	1010023-02	Solid	10/20/10 8:55	10/21/10 10:50
MW7	1010023-03	Solid	10/20/10 10:55	10/21/10 10:50
MW8	1010023-04	Solid	10/20/10 14:32	10/21/10 10:50
MW8	1010023-05	Solid	10/20/10 14:35	10/21/10 10:50
MW8	1010023-06	Solid	10/20/10 14:35	10/21/10 10:50
Trip Blank	1010023-07	Liquid	10/20/10 0:00	10/21/10 10:50
MW6	1010028-01	Liquid	10/21/10 15:10	10/22/10 09:00
MW2	1010028-02	Liquid	10/21/10 16:50	10/22/10 09:00
Trip Blank	1010028-03	Liquid	10/21/10 0:00	10/22/10 09:00
Trip Blank	1010028-04	Liquid	10/21/10 0:00	10/22/10 09:00
SB2	1010028-05	Solid	10/21/10 8:32	10/22/10 09:00
SB26	1010028-06	Solid	10/21/10 9:30	10/22/10 09:00
SB12	1010028-07	Solid	10/21/10 11:24	10/22/10 09:00
SB19	1010028-08	Solid	10/21/10 16:10	10/22/10 09:00
MW1	1010029-01	Liquid	10/22/10 10:15	10/25/10 08:45
MW5	1010029-02	Liquid	10/22/10 12:10	10/25/10 08:45
MW4	1010029-03	Liquid	10/22/10 15:10	10/25/10 08:45
MW7	1010029-04	Liquid	10/22/10 16:35	10/25/10 08:45
MW8	1010029-05	Liquid	10/22/10 18:05	10/25/10 08:45
Trip Blank	1010029-06	Liquid	10/22/10 0:00	10/25/10 08:45

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010010-01 **Station ID: MW6**

Batch: B0J1905 Date Collected: 10/18/10
Sample Type: Solid Sample Weight: 5.775 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.5		97.1	70-130	10/21/10	10/21/10
Surr: Toluene-d8	52.6		105	70-130	"	"
Surr: 4-Bromofluorobenzene	43.9		87.9	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.3	1	10/21/10	10/21/10
Chloromethane (74-87-3)	U		4.3	"	"	"
Vinyl chloride (75-01-4)	U		4.3	"	"	"
Bromomethane (74-83-9)	U		4.3	"	"	"
Chloroethane (75-00-3)	U		4.3	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.3	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.3	"	"	"
Carbon disulfide (75-15-0)	U		4.3	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.3	"	"	"
Acetone (67-64-1)	U		8.7	"	"	"
Methylene chloride (75-09-2)	U		4.3	"	"	"
Methyl acetate (79-20-9)	U		4.3	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.3	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.3	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.3	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.3	"	"	"
2-Butanone (78-93-3)	**4.7**	**B, K**	4.3	"	"	"
Chloroform (67-66-3)	U		4.3	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.3	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.3	"	"	"
Cyclohexane (110-82-7)	U		4.3	"	"	"
Carbon tetrachloride (56-23-5)	U		4.3	"	"	"
Benzene (71-43-2)	U		4.3	"	"	"
Trichloroethene (79-01-6)	U		4.3	"	"	"
Methylcyclohexane (108-87-2)	U		4.3	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.3	"	"	"
Bromodichloromethane (75-27-4)	U		4.3	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.3	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.3	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010010-01 **Station ID: MW6**

Batch: B0J1905 Date Collected: 10/18/10
Sample Type: Solid Sample Weight: 5.775 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.3	1	10/21/10	10/21/10
Dibromochloromethane (124-48-1)	U		4.3	"	"	"
Bromoform (75-25-2)	U		4.3	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.3	"	"	"
Toluene (108-88-3)	U		4.3	"	"	"
Tetrachloroethene (127-18-4)	U		4.3	"	"	"
2-Hexanone (591-78-6)	U		4.3	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.3	"	"	"
Chlorobenzene (108-90-7)	U		4.3	"	"	"
Ethylbenzene (100-41-4)	U		4.3	"	"	"
meta-/para-Xylene (na)	U		8.7	"	"	"
ortho-Xylene (95-47-6)	U		4.3	"	"	"
Styrene (100-42-5)	U		4.3	"	"	"
Isopropylbenzene (98-82-8)	U		4.3	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.3	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.3	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.3	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.3	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.3	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.3	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-01 **Station ID: MW6**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 13.042 g
%Solids: 78.76

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	446		61.1	32-105	10/27/10	10/28/10
Surr: Phenol-d5	461		63.2	39-104	"	"
Surr: 2-Chlorophenol-d4	422		57.7	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	278		57.2	37-103	"	"
Surr: Nitrobenzene-d5	296		60.8	39-109	"	"
Surr: 2-Fluorobiphenyl	301		61.8	44-107	"	"
Surr: 2,4,6-Tribromophenol	522		71.5	38-126	"	"
Surr: Terphenyl-d14	342		70.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		48.7	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		48.7	"	"	"
Acetophenone (98-86-2)	U		48.7	"	"	"
Anthracene (120-12-7)	U		48.7	"	"	"
Atrazine (1912-24-9)	U		48.7	"	"	"
Benzaldehyde (100-52-7)	U		97.3	"	"	"
Benzoic acid (65-85-0)	U		487	"	"	"
Benzo (a) anthracene (56-55-3)	U		48.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		48.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	**49.6**		48.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		48.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		48.7	"	"	"
Benzyl alcohol (100-51-6)	U		48.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		48.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		48.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		48.7	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		48.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		487	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		48.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		487	"	"	"
Carbazole (86-74-8)	U		48.7	"	"	"
Caprolactam (105-60-2)	U		97.3	"	"	"
4-Chloroaniline (106-47-8)	U		48.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-01 **Station ID: MW6**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 13.042 g
%Solids: 78.76

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		48.7	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		48.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		48.7	"	"	"
Chrysene (218-01-9)	**48.7**		48.7	"	"	"
Dibenzofuran (132-64-9)	U		48.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		48.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		48.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		48.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		48.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		48.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		48.7	"	"	"
Diethyl phthalate (84-66-2)	U		487	"	"	"
2,4-Dimethylphenol (105-67-9)	U		97.3	"	"	"
Dimethyl phthalate (131-11-3)	U		487	"	"	"
2,4-Dinitrophenol (51-28-5)	U		487	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		97.3	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		97.3	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		487	"	"	"
Di-n-butyl phthalate (84-74-2)	U		487	"	"	"
Di-n-octyl phthalate (117-84-0)	U		487	"	"	"
Fluoranthene (206-44-0)	**71.1**		48.7	"	"	"
Fluorene (86-73-7)	U		48.7	"	"	"
Hexachlorobenzene (118-74-1)	U		48.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		48.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		487	"	"	"
Hexachloroethane (67-72-1)	U		48.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		48.7	"	"	"
Isophorone (78-59-1)	U		48.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		48.7	"	"	"
2-Methylphenol (95-48-7)	U		48.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		48.7	"	"	"
Naphthalene (91-20-3)	U		48.7	"	"	"
2-Nitroaniline (88-74-4)	U		97.3	"	"	"
3-Nitroaniline (99-09-2)	U		97.3	"	"	"
4-Nitroaniline (100-01-6)	U		97.3	"	"	"
Nitrobenzene (98-95-3)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-01 **Station ID: MW6**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 13.042 g
%Solids: 78.76

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		48.7	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		487	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		48.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		48.7	"	"	"
Pentachlorophenol (87-86-5)	U		97.3	"	"	"
Phenanthrene (85-01-8)	U		48.7	"	"	"
Phenol (108-95-2)	U		48.7	"	"	"
Pyrene (129-00-0)	**53.5**		48.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		48.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		48.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		48.7	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010010-01 **Station ID: MW6**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 10.262 g
%Solids: 78.76

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	187,000		96.1	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	192,000		98.6	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		48,700	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		48,700	"	"	"
Gasoline Range Organics (NA)	U		48,700	"	"	"
TPH (NA)	U		48,700	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010010-02 **Station ID: MW6**

Batch: B0J1905 Date Collected: 10/18/10
Sample Type: Solid Sample Weight: 5.724 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	49.8		99.7	70-130	10/21/10	10/21/10
Surr: Toluene-d8	48.3		96.7	70-130	"	"
Surr: 4-Bromofluorobenzene	48.4		96.8	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.4	1	10/21/10	10/21/10
Chloromethane (74-87-3)	U		4.4	"	"	"
Vinyl chloride (75-01-4)	U		4.4	"	"	"
Bromomethane (74-83-9)	U		4.4	"	"	"
Chloroethane (75-00-3)	U		4.4	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.4	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.4	"	"	"
Carbon disulfide (75-15-0)	U		4.4	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.4	"	"	"
Acetone (67-64-1)	**9.0**	**B, J**	8.7	"	"	"
Methylene chloride (75-09-2)	U		4.4	"	"	"
Methyl acetate (79-20-9)	U		4.4	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.4	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.4	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.4	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.4	"	"	"
2-Butanone (78-93-3)	**5.3**	**B, K**	4.4	"	"	"
Chloroform (67-66-3)	U		4.4	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.4	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.4	"	"	"
Cyclohexane (110-82-7)	U		4.4	"	"	"
Carbon tetrachloride (56-23-5)	U		4.4	"	"	"
Benzene (71-43-2)	U		4.4	"	"	"
Trichloroethene (79-01-6)	U		4.4	"	"	"
Methylcyclohexane (108-87-2)	U		4.4	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.4	"	"	"
Bromodichloromethane (75-27-4)	U		4.4	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.4	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.4	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010010-02 **Station ID: MW6**

Batch: B0J1905 Date Collected: 10/18/10
Sample Type: Solid Sample Weight: 5.724 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.4	1	10/21/10	10/21/10
Dibromochloromethane (124-48-1)	U		4.4	"	"	"
Bromoform (75-25-2)	U		4.4	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.4	"	"	"
Toluene (108-88-3)	U		4.4	"	"	"
Tetrachloroethene (127-18-4)	U		4.4	"	"	"
2-Hexanone (591-78-6)	U		4.4	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.4	"	"	"
Chlorobenzene (108-90-7)	U		4.4	"	"	"
Ethylbenzene (100-41-4)	U		4.4	"	"	"
meta-/para-Xylene (na)	U		8.7	"	"	"
ortho-Xylene (95-47-6)	U		4.4	"	"	"
Styrene (100-42-5)	U		4.4	"	"	"
Isopropylbenzene (98-82-8)	U		4.4	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.4	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.4	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.4	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.4	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.4	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.4	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-02 **Station ID: MW6**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 13.257 g
%Solids: 79.27

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	396		55.5	32-105	10/27/10	10/28/10
Surr: Phenol-d5	425		59.6	39-104	"	"
Surr: 2-Chlorophenol-d4	384		53.9	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	256		53.8	37-103	"	"
Surr: Nitrobenzene-d5	274		57.6	39-109	"	"
Surr: 2-Fluorobiphenyl	273		57.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	522		73.2	38-126	"	"
Surr: Terphenyl-d14	304		63.8	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		47.6	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		47.6	"	"	"
Acetophenone (98-86-2)	U		47.6	"	"	"
Anthracene (120-12-7)	U		47.6	"	"	"
Atrazine (1912-24-9)	U		47.6	"	"	"
Benzaldehyde (100-52-7)	U		95.2	"	"	"
Benzoic acid (65-85-0)	U		476	"	"	"
Benzo (a) anthracene (56-55-3)	U		47.6	"	"	"
Benzo (a) pyrene (50-32-8)	U		47.6	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		47.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		47.6	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		47.6	"	"	"
Benzyl alcohol (100-51-6)	U		47.6	"	"	"
1,1'-Biphenyl (92-52-4)	U		47.6	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		47.6	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		47.6	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		47.6	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		476	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		47.6	"	"	"
Butyl benzyl phthalate (85-68-7)	U		476	"	"	"
Carbazole (86-74-8)	U		47.6	"	"	"
Caprolactam (105-60-2)	U		95.2	"	"	"
4-Chloroaniline (106-47-8)	U		47.6	"	"	"
2-Chloronaphthalene (91-58-7)	U		47.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-02 **Station ID: MW6**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 13.257 g
%Solids: 79.27

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		47.6	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		47.6	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		47.6	"	"	"
Chrysene (218-01-9)	U		47.6	"	"	"
Dibenzofuran (132-64-9)	U		47.6	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		47.6	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		47.6	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		47.6	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		47.6	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		47.6	"	"	"
2,4-Dichlorophenol (120-83-2)	U		47.6	"	"	"
Diethyl phthalate (84-66-2)	U		476	"	"	"
2,4-Dimethylphenol (105-67-9)	U		95.2	"	"	"
Dimethyl phthalate (131-11-3)	U		476	"	"	"
2,4-Dinitrophenol (51-28-5)	U		476	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		95.2	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		95.2	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		476	"	"	"
Di-n-butyl phthalate (84-74-2)	U		476	"	"	"
Di-n-octyl phthalate (117-84-0)	U		476	"	"	"
Fluoranthene (206-44-0)	U		47.6	"	"	"
Fluorene (86-73-7)	U		47.6	"	"	"
Hexachlorobenzene (118-74-1)	U		47.6	"	"	"
Hexachlorobutadiene (87-68-3)	U		47.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		476	"	"	"
Hexachloroethane (67-72-1)	U		47.6	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		47.6	"	"	"
Isophorone (78-59-1)	U		47.6	"	"	"
2-Methylnaphthalene (91-57-6)	U		47.6	"	"	"
2-Methylphenol (95-48-7)	U		47.6	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		47.6	"	"	"
Naphthalene (91-20-3)	U		47.6	"	"	"
2-Nitroaniline (88-74-4)	U		95.2	"	"	"
3-Nitroaniline (99-09-2)	U		95.2	"	"	"
4-Nitroaniline (100-01-6)	U		95.2	"	"	"
Nitrobenzene (98-95-3)	U		47.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-02 **Station ID: MW6**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 13.257 g
%Solids: 79.27

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		47.6	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		476	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		47.6	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		47.6	"	"	"
Pentachlorophenol (87-86-5)	U		95.2	"	"	"
Phenanthrene (85-01-8)	U		47.6	"	"	"
Phenol (108-95-2)	U		47.6	"	"	"
Pyrene (129-00-0)	U		47.6	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		47.6	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		47.6	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		47.6	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010010-02 **Station ID: MW6**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 9.03 g
%Solids: 79.27

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	236,000		106	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	249,000		112	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		55,400	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		55,400	"	"	"
Gasoline Range Organics (NA)	U		55,400	"	"	"
TPH (NA)	U		55,400	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010010-03 **Station ID: GP20**

Batch: B0J1905 Date Collected: 10/18/10
Sample Type: Solid Sample Weight: 5.885 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	47.0		94.1	70-130	10/21/10	10/21/10
Surr: Toluene-d8	49.4		98.7	70-130	"	"
Surr: 4-Bromofluorobenzene	48.2		96.4	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.2	1	10/21/10	10/21/10
Chloromethane (74-87-3)	U		4.2	"	"	"
Vinyl chloride (75-01-4)	U		4.2	"	"	"
Bromomethane (74-83-9)	U		4.2	"	"	"
Chloroethane (75-00-3)	U		4.2	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.2	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.2	"	"	"
Carbon disulfide (75-15-0)	U		4.2	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.2	"	"	"
Acetone (67-64-1)	U		8.5	"	"	"
Methylene chloride (75-09-2)	U		4.2	"	"	"
Methyl acetate (79-20-9)	U		4.2	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.2	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.2	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.2	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.2	"	"	"
2-Butanone (78-93-3)	**4.9**	**B, K**	4.2	"	"	"
Chloroform (67-66-3)	U		4.2	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.2	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.2	"	"	"
Cyclohexane (110-82-7)	U		4.2	"	"	"
Carbon tetrachloride (56-23-5)	U		4.2	"	"	"
Benzene (71-43-2)	U		4.2	"	"	"
Trichloroethene (79-01-6)	U		4.2	"	"	"
Methylcyclohexane (108-87-2)	U		4.2	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.2	"	"	"
Bromodichloromethane (75-27-4)	U		4.2	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.2	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.2	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010010-03 **Station ID: GP20**

Batch: B0J1905 Date Collected: 10/18/10
Sample Type: Solid Sample Weight: 5.885 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.2	1	10/21/10	10/21/10
Dibromochloromethane (124-48-1)	U		4.2	"	"	"
Bromoform (75-25-2)	U		4.2	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.2	"	"	"
Toluene (108-88-3)	U		4.2	"	"	"
Tetrachloroethene (127-18-4)	U		4.2	"	"	"
2-Hexanone (591-78-6)	U		4.2	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.2	"	"	"
Chlorobenzene (108-90-7)	U		4.2	"	"	"
Ethylbenzene (100-41-4)	U		4.2	"	"	"
meta-/para-Xylene (na)	U		8.5	"	"	"
ortho-Xylene (95-47-6)	U		4.2	"	"	"
Styrene (100-42-5)	U		4.2	"	"	"
Isopropylbenzene (98-82-8)	U		4.2	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.2	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.2	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.2	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.2	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.2	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.2	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-03 **Station ID: GP20**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 12.421 g
%Solids: 81.84

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	502		68.0	32-105	10/27/10	10/28/10
Surr: Phenol-d5	527		71.5	39-104	"	"
Surr: 2-Chlorophenol-d4	474		64.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	315		64.0	37-103	"	"
Surr: Nitrobenzene-d5	345		70.2	39-109	"	"
Surr: 2-Fluorobiphenyl	343		69.8	44-107	"	"
Surr: 2,4,6-Tribromophenol	515		69.9	38-126	"	"
Surr: Terphenyl-d14	332		67.6	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		49.2	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		49.2	"	"	"
Acetophenone (98-86-2)	U		49.2	"	"	"
Anthracene (120-12-7)	U		49.2	"	"	"
Atrazine (1912-24-9)	U		49.2	"	"	"
Benzaldehyde (100-52-7)	U		98.4	"	"	"
Benzoic acid (65-85-0)	U		492	"	"	"
Benzo (a) anthracene (56-55-3)	U		49.2	"	"	"
Benzo (a) pyrene (50-32-8)	U		49.2	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		49.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		49.2	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		49.2	"	"	"
Benzyl alcohol (100-51-6)	U		49.2	"	"	"
1,1'-Biphenyl (92-52-4)	U		49.2	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		49.2	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		49.2	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		49.2	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		492	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		49.2	"	"	"
Butyl benzyl phthalate (85-68-7)	U		492	"	"	"
Carbazole (86-74-8)	U		49.2	"	"	"
Caprolactam (105-60-2)	U		98.4	"	"	"
4-Chloroaniline (106-47-8)	U		49.2	"	"	"
2-Chloronaphthalene (91-58-7)	U		49.2	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-03 **Station ID: GP20**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 12.421 g
%Solids: 81.84

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		49.2	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		49.2	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		49.2	"	"	"
Chrysene (218-01-9)	U		49.2	"	"	"
Dibenzofuran (132-64-9)	U		49.2	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		49.2	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		49.2	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		49.2	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		49.2	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		49.2	"	"	"
2,4-Dichlorophenol (120-83-2)	U		49.2	"	"	"
Diethyl phthalate (84-66-2)	U		492	"	"	"
2,4-Dimethylphenol (105-67-9)	U		98.4	"	"	"
Dimethyl phthalate (131-11-3)	U		492	"	"	"
2,4-Dinitrophenol (51-28-5)	U		492	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		98.4	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		98.4	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		492	"	"	"
Di-n-butyl phthalate (84-74-2)	U		492	"	"	"
Di-n-octyl phthalate (117-84-0)	U		492	"	"	"
Fluoranthene (206-44-0)	U		49.2	"	"	"
Fluorene (86-73-7)	U		49.2	"	"	"
Hexachlorobenzene (118-74-1)	U		49.2	"	"	"
Hexachlorobutadiene (87-68-3)	U		49.2	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		492	"	"	"
Hexachloroethane (67-72-1)	U		49.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		49.2	"	"	"
Isophorone (78-59-1)	U		49.2	"	"	"
2-Methylnaphthalene (91-57-6)	U		49.2	"	"	"
2-Methylphenol (95-48-7)	U		49.2	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		49.2	"	"	"
Naphthalene (91-20-3)	U		49.2	"	"	"
2-Nitroaniline (88-74-4)	U		98.4	"	"	"
3-Nitroaniline (99-09-2)	U		98.4	"	"	"
4-Nitroaniline (100-01-6)	U		98.4	"	"	"
Nitrobenzene (98-95-3)	U		49.2	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010010-03 **Station ID: GP20**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 12.421 g
%Solids: 81.84

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		49.2	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		492	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		49.2	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		49.2	"	"	"
Pentachlorophenol (87-86-5)	U		98.4	"	"	"
Phenanthrene (85-01-8)	U		49.2	"	"	"
Phenol (108-95-2)	U		49.2	"	"	"
Pyrene (129-00-0)	U		49.2	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		49.2	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		49.2	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		49.2	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010010-03 **Station ID: GP20**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/18/10
Sample Weight: 10.173 g
%Solids: 81.84

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	168,000		85.6	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	174,000		88.6	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		49,100	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		49,100	"	"	"
Gasoline Range Organics (NA)	U		49,100	"	"	"
TPH (NA)	U		49,100	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010010-04 **Station ID: Trip Blanks**

Batch: B0J1906 Date Collected: 10/18/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	54.6		109	81-124	10/26/10	10/26/10
Surr: Toluene-d8	48.7		97.4	86-115	"	"
Surr: 4-Bromofluorobenzene	48.9		97.8	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010010-04 **Station ID: Trip Blanks**

Batch: B0J1906 Date Collected: 10/18/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-01 **Station ID: MW3**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 6.483 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	50.1		100	70-130	10/21/10	10/21/10
Surr: Toluene-d8	48.0		96.0	70-130	"	"
Surr: 4-Bromofluorobenzene	49.9		99.8	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		3.9	1	10/21/10	10/21/10
Chloromethane (74-87-3)	U		3.9	"	"	"
Vinyl chloride (75-01-4)	U		3.9	"	"	"
Bromomethane (74-83-9)	U		3.9	"	"	"
Chloroethane (75-00-3)	U		3.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		3.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		3.9	"	"	"
Carbon disulfide (75-15-0)	U		3.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		3.9	"	"	"
Acetone (67-64-1)	**11.1**	**B, J**	7.7	"	"	"
Methylene chloride (75-09-2)	U		3.9	"	"	"
Methyl acetate (79-20-9)	U		3.9	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		3.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		3.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		3.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		3.9	"	"	"
2-Butanone (78-93-3)	**5.5**	**B, K**	3.9	"	"	"
Chloroform (67-66-3)	U		3.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		3.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		3.9	"	"	"
Cyclohexane (110-82-7)	U		3.9	"	"	"
Carbon tetrachloride (56-23-5)	U		3.9	"	"	"
Benzene (71-43-2)	U		3.9	"	"	"
Trichloroethene (79-01-6)	U		3.9	"	"	"
Methylcyclohexane (108-87-2)	U		3.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		3.9	"	"	"
Bromodichloromethane (75-27-4)	U		3.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		3.9	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		3.9	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-01 **Station ID: MW3**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 6.483 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		3.9	1	10/21/10	10/21/10
Dibromochloromethane (124-48-1)	U		3.9	"	"	"
Bromoform (75-25-2)	U		3.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		3.9	"	"	"
Toluene (108-88-3)	U		3.9	"	"	"
Tetrachloroethene (127-18-4)	U		3.9	"	"	"
2-Hexanone (591-78-6)	U		3.9	"	"	"
1,2-Dibromoethane (106-93-4)	U		3.9	"	"	"
Chlorobenzene (108-90-7)	U		3.9	"	"	"
Ethylbenzene (100-41-4)	U		3.9	"	"	"
meta-/para-Xylene (na)	U		7.7	"	"	"
ortho-Xylene (95-47-6)	U		3.9	"	"	"
Styrene (100-42-5)	U		3.9	"	"	"
Isopropylbenzene (98-82-8)	U		3.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		3.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		3.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3.9	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-01 **Station ID: MW3**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 12.743 g
%Solids: 83.75

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	306		43.6	32-105	10/27/10	10/28/10
Surr: Phenol-d5	325		46.3	39-104	"	"
Surr: 2-Chlorophenol-d4	292		41.6	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	195		41.6	37-103	"	"
Surr: Nitrobenzene-d5	214		45.6	39-109	"	"
Surr: 2-Fluorobiphenyl	217		46.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	391		55.6	38-126	"	"
Surr: Terphenyl-d14	306		65.4	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		46.8	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		46.8	"	"	"
Acetophenone (98-86-2)	U		46.8	"	"	"
Anthracene (120-12-7)	U		46.8	"	"	"
Atrazine (1912-24-9)	U		46.8	"	"	"
Benzaldehyde (100-52-7)	U		93.7	"	"	"
Benzoic acid (65-85-0)	U		468	"	"	"
Benzo (a) anthracene (56-55-3)	U		46.8	"	"	"
Benzo (a) pyrene (50-32-8)	U		46.8	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		46.8	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		46.8	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		46.8	"	"	"
Benzyl alcohol (100-51-6)	U		46.8	"	"	"
1,1'-Biphenyl (92-52-4)	U		46.8	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		46.8	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		46.8	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		46.8	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		468	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		46.8	"	"	"
Butyl benzyl phthalate (85-68-7)	U		468	"	"	"
Carbazole (86-74-8)	U		46.8	"	"	"
Caprolactam (105-60-2)	U		93.7	"	"	"
4-Chloroaniline (106-47-8)	U		46.8	"	"	"
2-Chloronaphthalene (91-58-7)	U		46.8	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-01 **Station ID: MW3**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 12.743 g
%Solids: 83.75

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		46.8	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		46.8	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		46.8	"	"	"
Chrysene (218-01-9)	U		46.8	"	"	"
Dibenzofuran (132-64-9)	U		46.8	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		46.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		46.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		46.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		46.8	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		46.8	"	"	"
2,4-Dichlorophenol (120-83-2)	U		46.8	"	"	"
Diethyl phthalate (84-66-2)	U		468	"	"	"
2,4-Dimethylphenol (105-67-9)	U		93.7	"	"	"
Dimethyl phthalate (131-11-3)	U		468	"	"	"
2,4-Dinitrophenol (51-28-5)	U		468	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		93.7	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		93.7	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		468	"	"	"
Di-n-butyl phthalate (84-74-2)	U		468	"	"	"
Di-n-octyl phthalate (117-84-0)	U		468	"	"	"
Fluoranthene (206-44-0)	U		46.8	"	"	"
Fluorene (86-73-7)	U		46.8	"	"	"
Hexachlorobenzene (118-74-1)	U		46.8	"	"	"
Hexachlorobutadiene (87-68-3)	U		46.8	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		468	"	"	"
Hexachloroethane (67-72-1)	U		46.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		46.8	"	"	"
Isophorone (78-59-1)	U		46.8	"	"	"
2-Methylnaphthalene (91-57-6)	U		46.8	"	"	"
2-Methylphenol (95-48-7)	U		46.8	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		46.8	"	"	"
Naphthalene (91-20-3)	U		46.8	"	"	"
2-Nitroaniline (88-74-4)	U		93.7	"	"	"
3-Nitroaniline (99-09-2)	U		93.7	"	"	"
4-Nitroaniline (100-01-6)	U		93.7	"	"	"
Nitrobenzene (98-95-3)	U		46.8	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-01 **Station ID: MW3**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 12.743 g
%Solids: 83.75

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		46.8	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		468	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		46.8	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		46.8	"	"	"
Pentachlorophenol (87-86-5)	U		93.7	"	"	"
Phenanthrene (85-01-8)	U		46.8	"	"	"
Phenol (108-95-2)	U		46.8	"	"	"
Pyrene (129-00-0)	U		46.8	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		46.8	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		46.8	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		46.8	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010016-01 **Station ID: MW3**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 10.392 g
%Solids: 83.75

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	199,000		104	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	207,000		107	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		48,100	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		48,100	"	"	"
Gasoline Range Organics (NA)	U		48,100	"	"	"
TPH (NA)	U		48,100	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-02 **Station ID: GP10**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 5.596 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.8		97.6	70-130	10/21/10	10/21/10
Surr: Toluene-d8	49.8		99.7	70-130	"	"
Surr: 4-Bromofluorobenzene	47.8		95.7	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.5	1	10/21/10	10/21/10
Chloromethane (74-87-3)	U		4.5	"	"	"
Vinyl chloride (75-01-4)	U		4.5	"	"	"
Bromomethane (74-83-9)	U		4.5	"	"	"
Chloroethane (75-00-3)	U		4.5	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.5	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.5	"	"	"
Carbon disulfide (75-15-0)	U		4.5	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.5	"	"	"
Acetone (67-64-1)	U		8.9	"	"	"
Methylene chloride (75-09-2)	U		4.5	"	"	"
Methyl acetate (79-20-9)	U		4.5	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.5	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.5	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.5	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.5	"	"	"
2-Butanone (78-93-3)	**5.9**	**B, K**	4.5	"	"	"
Chloroform (67-66-3)	U		4.5	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.5	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.5	"	"	"
Cyclohexane (110-82-7)	U		4.5	"	"	"
Carbon tetrachloride (56-23-5)	U		4.5	"	"	"
Benzene (71-43-2)	U		4.5	"	"	"
Trichloroethene (79-01-6)	U		4.5	"	"	"
Methylcyclohexane (108-87-2)	U		4.5	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.5	"	"	"
Bromodichloromethane (75-27-4)	U		4.5	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.5	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.5	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-02 **Station ID: GP10**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 5.596 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.5	1	10/21/10	10/21/10
Dibromochloromethane (124-48-1)	U		4.5	"	"	"
Bromoform (75-25-2)	U		4.5	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.5	"	"	"
Toluene (108-88-3)	U		4.5	"	"	"
Tetrachloroethene (127-18-4)	U		4.5	"	"	"
2-Hexanone (591-78-6)	U		4.5	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.5	"	"	"
Chlorobenzene (108-90-7)	U		4.5	"	"	"
Ethylbenzene (100-41-4)	U		4.5	"	"	"
meta-/para-Xylene (na)	U		8.9	"	"	"
ortho-Xylene (95-47-6)	U		4.5	"	"	"
Styrene (100-42-5)	U		4.5	"	"	"
Isopropylbenzene (98-82-8)	U		4.5	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.5	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010016-02 **Station ID: GP10**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 10.407 g
%Solids: 74.71

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	180,000		93.6	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	186,000		96.7	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		48,000	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		48,000	"	"	"
Gasoline Range Organics (NA)	U		48,000	"	"	"
TPH (NA)	U		48,000	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-02RE1 **Station ID: GP10**

Batch: B0J2902
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 14.249 g
%Solids: 74.71

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	403		57.2	32-105	10/29/10	10/29/10
Surr: Phenol-d5	443		62.9	39-104	"	"
Surr: 2-Chlorophenol-d4	386		54.8	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	219		46.6	37-103	"	"
Surr: Nitrobenzene-d5	273		58.2	39-109	"	"
Surr: 2-Fluorobiphenyl	283		60.2	44-107	"	"
Surr: 2,4,6-Tribromophenol	457		64.8	38-126	"	"
Surr: Terphenyl-d14	287		61.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		47.0	1	10/29/10	10/29/10
Acenaphthylene (208-96-8)	U		47.0	"	"	"
Acetophenone (98-86-2)	U		47.0	"	"	"
Anthracene (120-12-7)	U		47.0	"	"	"
Atrazine (1912-24-9)	U		47.0	"	"	"
Benzaldehyde (100-52-7)	U		93.9	"	"	"
Benzoic acid (65-85-0)	U		470	"	"	"
Benzo (a) anthracene (56-55-3)	U		47.0	"	"	"
Benzo (a) pyrene (50-32-8)	U		47.0	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		47.0	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		47.0	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		47.0	"	"	"
Benzyl alcohol (100-51-6)	U		47.0	"	"	"
1,1'-Biphenyl (92-52-4)	U		47.0	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		47.0	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		47.0	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		47.0	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		470	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		47.0	"	"	"
Butyl benzyl phthalate (85-68-7)	U		470	"	"	"
Carbazole (86-74-8)	U		47.0	"	"	"
Caprolactam (105-60-2)	U		93.9	"	"	"
4-Chloroaniline (106-47-8)	U		47.0	"	"	"
2-Chloronaphthalene (91-58-7)	U		47.0	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-02RE1 **Station ID: GP10**

Batch: B0J2902
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 14.249 g
%Solids: 74.71

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		47.0	1	10/29/10	10/29/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		47.0	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		47.0	"	"	"
Chrysene (218-01-9)	U		47.0	"	"	"
Dibenzofuran (132-64-9)	U		47.0	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		47.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		47.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		47.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		47.0	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		47.0	"	"	"
2,4-Dichlorophenol (120-83-2)	U		47.0	"	"	"
Diethyl phthalate (84-66-2)	U		470	"	"	"
2,4-Dimethylphenol (105-67-9)	U		93.9	"	"	"
Dimethyl phthalate (131-11-3)	U		470	"	"	"
2,4-Dinitrophenol (51-28-5)	U		470	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		93.9	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		93.9	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		470	"	"	"
Di-n-butyl phthalate (84-74-2)	U		470	"	"	"
Di-n-octyl phthalate (117-84-0)	U		470	"	"	"
Fluoranthene (206-44-0)	U		47.0	"	"	"
Fluorene (86-73-7)	U		47.0	"	"	"
Hexachlorobenzene (118-74-1)	U		47.0	"	"	"
Hexachlorobutadiene (87-68-3)	U		47.0	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		470	"	"	"
Hexachloroethane (67-72-1)	U		47.0	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		47.0	"	"	"
Isophorone (78-59-1)	U		47.0	"	"	"
2-Methylnaphthalene (91-57-6)	U		47.0	"	"	"
2-Methylphenol (95-48-7)	U		47.0	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		47.0	"	"	"
Naphthalene (91-20-3)	U		47.0	"	"	"
2-Nitroaniline (88-74-4)	U		93.9	"	"	"
3-Nitroaniline (99-09-2)	U		93.9	"	"	"
4-Nitroaniline (100-01-6)	U		93.9	"	"	"
Nitrobenzene (98-95-3)	U		47.0	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-02RE1 **Station ID: GP10**

Batch: B0J2902
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 14.249 g
%Solids: 74.71

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		47.0	1	10/29/10	10/29/10
4-Nitrophenol (100-02-7)	U		470	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		47.0	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		47.0	"	"	"
Pentachlorophenol (87-86-5)	U		93.9	"	"	"
Phenanthrene (85-01-8)	U		47.0	"	"	"
Phenol (108-95-2)	U		47.0	"	"	"
Pyrene (129-00-0)	U		47.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		47.0	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		47.0	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		47.0	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-03 **Station ID: MW1**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 5.457 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.7		97.4	70-130	10/22/10	10/22/10
Surr: Toluene-d8	50.2		100	70-130	"	"
Surr: 4-Bromofluorobenzene	50.1		100	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.6	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.6	"	"	"
Vinyl chloride (75-01-4)	U		4.6	"	"	"
Bromomethane (74-83-9)	U		4.6	"	"	"
Chloroethane (75-00-3)	U		4.6	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.6	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.6	"	"	"
Carbon disulfide (75-15-0)	U		4.6	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.6	"	"	"
Acetone (67-64-1)	U		9.2	"	"	"
Methylene chloride (75-09-2)	U		4.6	"	"	"
Methyl acetate (79-20-9)	U		4.6	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.6	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.6	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.6	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.6	"	"	"
2-Butanone (78-93-3)	U		4.6	"	"	"
Chloroform (67-66-3)	U		4.6	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.6	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.6	"	"	"
Cyclohexane (110-82-7)	U		4.6	"	"	"
Carbon tetrachloride (56-23-5)	U		4.6	"	"	"
Benzene (71-43-2)	U		4.6	"	"	"
Trichloroethene (79-01-6)	U		4.6	"	"	"
Methylcyclohexane (108-87-2)	U		4.6	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.6	"	"	"
Bromodichloromethane (75-27-4)	U		4.6	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.6	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.6	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-03 **Station ID: MW1**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 5.457 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.6	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.6	"	"	"
Bromoform (75-25-2)	U		4.6	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.6	"	"	"
Toluene (108-88-3)	U		4.6	"	"	"
Tetrachloroethene (127-18-4)	U		4.6	"	"	"
2-Hexanone (591-78-6)	U		4.6	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.6	"	"	"
Chlorobenzene (108-90-7)	U		4.6	"	"	"
Ethylbenzene (100-41-4)	U		4.6	"	"	"
meta-/para-Xylene (na)	U		9.2	"	"	"
ortho-Xylene (95-47-6)	U		4.6	"	"	"
Styrene (100-42-5)	U		4.6	"	"	"
Isopropylbenzene (98-82-8)	U		4.6	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.6	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.6	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.6	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.6	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.6	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-03 **Station ID: MW1**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 13.508 g
%Solids: 84.94

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	341		52.1	32-105	10/27/10	10/28/10
Surr: Phenol-d5	363		55.5	39-104	"	"
Surr: 2-Chlorophenol-d4	324		49.6	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	205		47.0	37-103	"	"
Surr: Nitrobenzene-d5	230		52.8	39-109	"	"
Surr: 2-Fluorobiphenyl	228		52.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	386		59.1	38-126	"	"
Surr: Terphenyl-d14	305		70.0	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		43.6	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		43.6	"	"	"
Acetophenone (98-86-2)	U		43.6	"	"	"
Anthracene (120-12-7)	U		43.6	"	"	"
Atrazine (1912-24-9)	U		43.6	"	"	"
Benzaldehyde (100-52-7)	U		87.2	"	"	"
Benzoic acid (65-85-0)	U		436	"	"	"
Benzo (a) anthracene (56-55-3)	U		43.6	"	"	"
Benzo (a) pyrene (50-32-8)	U		43.6	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		43.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		43.6	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		43.6	"	"	"
Benzyl alcohol (100-51-6)	U		43.6	"	"	"
1,1'-Biphenyl (92-52-4)	U		43.6	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		43.6	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		43.6	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		43.6	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		436	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		43.6	"	"	"
Butyl benzyl phthalate (85-68-7)	U		436	"	"	"
Carbazole (86-74-8)	U		43.6	"	"	"
Caprolactam (105-60-2)	U		87.2	"	"	"
4-Chloroaniline (106-47-8)	U		43.6	"	"	"
2-Chloronaphthalene (91-58-7)	U		43.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-03 **Station ID: MW1**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 13.508 g
%Solids: 84.94

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		43.6	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		43.6	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		43.6	"	"	"
Chrysene (218-01-9)	U		43.6	"	"	"
Dibenzofuran (132-64-9)	U		43.6	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		43.6	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		43.6	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		43.6	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		43.6	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		43.6	"	"	"
2,4-Dichlorophenol (120-83-2)	U		43.6	"	"	"
Diethyl phthalate (84-66-2)	U		436	"	"	"
2,4-Dimethylphenol (105-67-9)	U		87.2	"	"	"
Dimethyl phthalate (131-11-3)	U		436	"	"	"
2,4-Dinitrophenol (51-28-5)	U		436	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		87.2	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		87.2	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		436	"	"	"
Di-n-butyl phthalate (84-74-2)	U		436	"	"	"
Di-n-octyl phthalate (117-84-0)	U		436	"	"	"
Fluoranthene (206-44-0)	U		43.6	"	"	"
Fluorene (86-73-7)	U		43.6	"	"	"
Hexachlorobenzene (118-74-1)	U		43.6	"	"	"
Hexachlorobutadiene (87-68-3)	U		43.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		436	"	"	"
Hexachloroethane (67-72-1)	U		43.6	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		43.6	"	"	"
Isophorone (78-59-1)	U		43.6	"	"	"
2-Methylnaphthalene (91-57-6)	U		43.6	"	"	"
2-Methylphenol (95-48-7)	U		43.6	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		43.6	"	"	"
Naphthalene (91-20-3)	U		43.6	"	"	"
2-Nitroaniline (88-74-4)	U		87.2	"	"	"
3-Nitroaniline (99-09-2)	U		87.2	"	"	"
4-Nitroaniline (100-01-6)	U		87.2	"	"	"
Nitrobenzene (98-95-3)	U		43.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-03 **Station ID: MW1**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 13.508 g
%Solids: 84.94

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		43.6	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		436	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		43.6	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		43.6	"	"	"
Pentachlorophenol (87-86-5)	U		87.2	"	"	"
Phenanthrene (85-01-8)	U		43.6	"	"	"
Phenol (108-95-2)	U		43.6	"	"	"
Pyrene (129-00-0)	U		43.6	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		43.6	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		43.6	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		43.6	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010016-03 **Station ID: MW1**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 9.623 g
%Solids: 84.94

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	201,000		96.7	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	216,000		104	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		52,000	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		52,000	"	"	"
Gasoline Range Organics (NA)	U		52,000	"	"	"
TPH (NA)	U		52,000	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-04 **Station ID: MW2**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 6.472 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	49.0		98.1	70-130	10/22/10	10/22/10
Surr: Toluene-d8	49.6		99.1	70-130	"	"
Surr: 4-Bromofluorobenzene	49.2		98.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		3.9	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		3.9	"	"	"
Vinyl chloride (75-01-4)	U		3.9	"	"	"
Bromomethane (74-83-9)	U		3.9	"	"	"
Chloroethane (75-00-3)	U		3.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		3.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		3.9	"	"	"
Carbon disulfide (75-15-0)	U		3.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		3.9	"	"	"
Acetone (67-64-1)	U		7.7	"	"	"
Methylene chloride (75-09-2)	U		3.9	"	"	"
Methyl acetate (79-20-9)	U		3.9	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		3.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		3.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		3.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		3.9	"	"	"
2-Butanone (78-93-3)	U		3.9	"	"	"
Chloroform (67-66-3)	U		3.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		3.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		3.9	"	"	"
Cyclohexane (110-82-7)	U		3.9	"	"	"
Carbon tetrachloride (56-23-5)	U		3.9	"	"	"
Benzene (71-43-2)	U		3.9	"	"	"
Trichloroethene (79-01-6)	U		3.9	"	"	"
Methylcyclohexane (108-87-2)	U		3.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		3.9	"	"	"
Bromodichloromethane (75-27-4)	U		3.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		3.9	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		3.9	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-04 **Station ID: MW2**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 6.472 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		3.9	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		3.9	"	"	"
Bromoform (75-25-2)	U		3.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		3.9	"	"	"
Toluene (108-88-3)	U		3.9	"	"	"
Tetrachloroethene (127-18-4)	U		3.9	"	"	"
2-Hexanone (591-78-6)	U		3.9	"	"	"
1,2-Dibromoethane (106-93-4)	U		3.9	"	"	"
Chlorobenzene (108-90-7)	U		3.9	"	"	"
Ethylbenzene (100-41-4)	U		3.9	"	"	"
meta-/para-Xylene (na)	U		7.7	"	"	"
ortho-Xylene (95-47-6)	U		3.9	"	"	"
Styrene (100-42-5)	U		3.9	"	"	"
Isopropylbenzene (98-82-8)	U		3.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		3.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		3.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3.9	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-04 **Station ID: MW2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.661 g
%Solids: 86.73

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	464		62.5	32-105	10/27/10	10/28/10
Surr: Phenol-d5	489		66.0	39-104	"	"
Surr: 2-Chlorophenol-d4	443		59.7	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	297		60.0	37-103	"	"
Surr: Nitrobenzene-d5	316		64.0	39-109	"	"
Surr: 2-Fluorobiphenyl	318		64.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	585		78.9	38-126	"	"
Surr: Terphenyl-d14	347		70.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		49.4	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		49.4	"	"	"
Acetophenone (98-86-2)	U		49.4	"	"	"
Anthracene (120-12-7)	U		49.4	"	"	"
Atrazine (1912-24-9)	U		49.4	"	"	"
Benzaldehyde (100-52-7)	U		98.9	"	"	"
Benzoic acid (65-85-0)	U		494	"	"	"
Benzo (a) anthracene (56-55-3)	U		49.4	"	"	"
Benzo (a) pyrene (50-32-8)	U		49.4	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		49.4	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		49.4	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		49.4	"	"	"
Benzyl alcohol (100-51-6)	U		49.4	"	"	"
1,1'-Biphenyl (92-52-4)	U		49.4	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		49.4	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		49.4	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		49.4	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		494	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		49.4	"	"	"
Butyl benzyl phthalate (85-68-7)	U		494	"	"	"
Carbazole (86-74-8)	U		49.4	"	"	"
Caprolactam (105-60-2)	U		98.9	"	"	"
4-Chloroaniline (106-47-8)	U		49.4	"	"	"
2-Chloronaphthalene (91-58-7)	U		49.4	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-04 **Station ID: MW2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.661 g
%Solids: 86.73

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		49.4	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		49.4	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		49.4	"	"	"
Chrysene (218-01-9)	U		49.4	"	"	"
Dibenzofuran (132-64-9)	U		49.4	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		49.4	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		49.4	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		49.4	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		49.4	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		49.4	"	"	"
2,4-Dichlorophenol (120-83-2)	U		49.4	"	"	"
Diethyl phthalate (84-66-2)	U		494	"	"	"
2,4-Dimethylphenol (105-67-9)	U		98.9	"	"	"
Dimethyl phthalate (131-11-3)	U		494	"	"	"
2,4-Dinitrophenol (51-28-5)	U		494	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		98.9	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		98.9	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		494	"	"	"
Di-n-butyl phthalate (84-74-2)	U		494	"	"	"
Di-n-octyl phthalate (117-84-0)	U		494	"	"	"
Fluoranthene (206-44-0)	U		49.4	"	"	"
Fluorene (86-73-7)	U		49.4	"	"	"
Hexachlorobenzene (118-74-1)	U		49.4	"	"	"
Hexachlorobutadiene (87-68-3)	U		49.4	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		494	"	"	"
Hexachloroethane (67-72-1)	U		49.4	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		49.4	"	"	"
Isophorone (78-59-1)	U		49.4	"	"	"
2-Methylnaphthalene (91-57-6)	U		49.4	"	"	"
2-Methylphenol (95-48-7)	U		49.4	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		49.4	"	"	"
Naphthalene (91-20-3)	U		49.4	"	"	"
2-Nitroaniline (88-74-4)	U		98.9	"	"	"
3-Nitroaniline (99-09-2)	U		98.9	"	"	"
4-Nitroaniline (100-01-6)	U		98.9	"	"	"
Nitrobenzene (98-95-3)	U		49.4	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-04 **Station ID: MW2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.661 g
%Solids: 86.73

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		49.4	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		494	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		49.4	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		49.4	"	"	"
Pentachlorophenol (87-86-5)	U		98.9	"	"	"
Phenanthrene (85-01-8)	U		49.4	"	"	"
Phenol (108-95-2)	U		49.4	"	"	"
Pyrene (129-00-0)	U		49.4	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		49.4	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		49.4	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		49.4	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010016-04 **Station ID: MW2**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.398 g
%Solids: 86.73

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	155,000		88.3	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	167,000		95.3	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		43,900	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		43,900	"	"	"
Gasoline Range Organics (NA)	U		43,900	"	"	"
TPH (NA)	U		43,900	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-05 **Station ID: MW2**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 5.109 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	49.5		99.1	70-130	10/22/10	10/22/10
Surr: Toluene-d8	48.2		96.4	70-130	"	"
Surr: 4-Bromofluorobenzene	47.5		95.1	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.9	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.9	"	"	"
Vinyl chloride (75-01-4)	U		4.9	"	"	"
Bromomethane (74-83-9)	U		4.9	"	"	"
Chloroethane (75-00-3)	U		4.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.9	"	"	"
Carbon disulfide (75-15-0)	U		4.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.9	"	"	"
Acetone (67-64-1)	U		9.8	"	"	"
Methylene chloride (75-09-2)	U		4.9	"	"	"
Methyl acetate (79-20-9)	U		4.9	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.9	"	"	"
2-Butanone (78-93-3)	U		4.9	"	"	"
Chloroform (67-66-3)	U		4.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.9	"	"	"
Cyclohexane (110-82-7)	U		4.9	"	"	"
Carbon tetrachloride (56-23-5)	U		4.9	"	"	"
Benzene (71-43-2)	U		4.9	"	"	"
Trichloroethene (79-01-6)	U		4.9	"	"	"
Methylcyclohexane (108-87-2)	U		4.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.9	"	"	"
Bromodichloromethane (75-27-4)	U		4.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.9	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.9	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010016-05 **Station ID: MW2**

Batch: B0J1905 Date Collected: 10/19/10
Sample Type: Solid Sample Weight: 5.109 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.9	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.9	"	"	"
Bromoform (75-25-2)	U		4.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.9	"	"	"
Toluene (108-88-3)	U		4.9	"	"	"
Tetrachloroethene (127-18-4)	U		4.9	"	"	"
2-Hexanone (591-78-6)	U		4.9	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.9	"	"	"
Chlorobenzene (108-90-7)	U		4.9	"	"	"
Ethylbenzene (100-41-4)	U		4.9	"	"	"
meta-/para-Xylene (na)	U		9.8	"	"	"
ortho-Xylene (95-47-6)	U		4.9	"	"	"
Styrene (100-42-5)	U		4.9	"	"	"
Isopropylbenzene (98-82-8)	U		4.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.9	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-05 **Station ID: MW2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.959 g
%Solids: 87.85

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	383		53.6	32-105	10/27/10	10/28/10
Surr: Phenol-d5	406		56.9	39-104	"	"
Surr: 2-Chlorophenol-d4	359		50.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	235		49.4	37-103	"	"
Surr: Nitrobenzene-d5	261		54.8	39-109	"	"
Surr: 2-Fluorobiphenyl	259		54.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	464		64.9	38-126	"	"
Surr: Terphenyl-d14	295		62.0	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		47.6	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		47.6	"	"	"
Acetophenone (98-86-2)	U		47.6	"	"	"
Anthracene (120-12-7)	U		47.6	"	"	"
Atrazine (1912-24-9)	U		47.6	"	"	"
Benzaldehyde (100-52-7)	U		95.2	"	"	"
Benzoic acid (65-85-0)	U		476	"	"	"
Benzo (a) anthracene (56-55-3)	U		47.6	"	"	"
Benzo (a) pyrene (50-32-8)	U		47.6	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		47.6	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		47.6	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		47.6	"	"	"
Benzyl alcohol (100-51-6)	U		47.6	"	"	"
1,1'-Biphenyl (92-52-4)	U		47.6	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		47.6	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		47.6	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		47.6	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		476	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		47.6	"	"	"
Butyl benzyl phthalate (85-68-7)	U		476	"	"	"
Carbazole (86-74-8)	U		47.6	"	"	"
Caprolactam (105-60-2)	U		95.2	"	"	"
4-Chloroaniline (106-47-8)	U		47.6	"	"	"
2-Chloronaphthalene (91-58-7)	U		47.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-05 **Station ID: MW2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.959 g
%Solids: 87.85

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		47.6	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		47.6	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		47.6	"	"	"
Chrysene (218-01-9)	U		47.6	"	"	"
Dibenzofuran (132-64-9)	U		47.6	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		47.6	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		47.6	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		47.6	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		47.6	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		47.6	"	"	"
2,4-Dichlorophenol (120-83-2)	U		47.6	"	"	"
Diethyl phthalate (84-66-2)	U		476	"	"	"
2,4-Dimethylphenol (105-67-9)	U		95.2	"	"	"
Dimethyl phthalate (131-11-3)	U		476	"	"	"
2,4-Dinitrophenol (51-28-5)	U		476	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		95.2	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		95.2	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		476	"	"	"
Di-n-butyl phthalate (84-74-2)	U		476	"	"	"
Di-n-octyl phthalate (117-84-0)	U		476	"	"	"
Fluoranthene (206-44-0)	U		47.6	"	"	"
Fluorene (86-73-7)	U		47.6	"	"	"
Hexachlorobenzene (118-74-1)	U		47.6	"	"	"
Hexachlorobutadiene (87-68-3)	U		47.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		476	"	"	"
Hexachloroethane (67-72-1)	U		47.6	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		47.6	"	"	"
Isophorone (78-59-1)	U		47.6	"	"	"
2-Methylnaphthalene (91-57-6)	U		47.6	"	"	"
2-Methylphenol (95-48-7)	U		47.6	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		47.6	"	"	"
Naphthalene (91-20-3)	U		47.6	"	"	"
2-Nitroaniline (88-74-4)	U		95.2	"	"	"
3-Nitroaniline (99-09-2)	U		95.2	"	"	"
4-Nitroaniline (100-01-6)	U		95.2	"	"	"
Nitrobenzene (98-95-3)	U		47.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010016-05 **Station ID: MW2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 11.959 g
%Solids: 87.85

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		47.6	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		476	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		47.6	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		47.6	"	"	"
Pentachlorophenol (87-86-5)	U		95.2	"	"	"
Phenanthrene (85-01-8)	U		47.6	"	"	"
Phenol (108-95-2)	U		47.6	"	"	"
Pyrene (129-00-0)	U		47.6	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		47.6	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		47.6	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		47.6	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010016-05 **Station ID: MW2**

Batch: B0J2905
Sample Type: Solid

Date Collected: 10/19/10
Sample Weight: 9.149 g
%Solids: 87.85

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	247,000		113	70-130	10/29/10	10/29/10
Surr: 1-Chlorooctadecane	260,000		119	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		54,700	1	10/29/10	10/29/10
Oil Range Organics (NA)	U		54,700	"	"	"
Gasoline Range Organics (NA)	U		54,700	"	"	"
TPH (NA)	U		54,700	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010016-06 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/19/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	50.4		101	81-124	10/26/10	10/26/10
Surr: Toluene-d8	48.1		96.2	86-115	"	"
Surr: 4-Bromofluorobenzene	48.9		97.8	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010016-06 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/19/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-01 **Station ID: MW4**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 6.196 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	45.7		91.4	70-130	10/22/10	10/22/10
Surr: Toluene-d8	50.2		100	70-130	"	"
Surr: 4-Bromofluorobenzene	47.9		95.9	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.0	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.0	"	"	"
Vinyl chloride (75-01-4)	U		4.0	"	"	"
Bromomethane (74-83-9)	U		4.0	"	"	"
Chloroethane (75-00-3)	U		4.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.0	"	"	"
Carbon disulfide (75-15-0)	U		4.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.0	"	"	"
Acetone (67-64-1)	U		8.1	"	"	"
Methylene chloride (75-09-2)	U		4.0	"	"	"
Methyl acetate (79-20-9)	U		4.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.0	"	"	"
2-Butanone (78-93-3)	U		4.0	"	"	"
Chloroform (67-66-3)	U		4.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.0	"	"	"
Cyclohexane (110-82-7)	U		4.0	"	"	"
Carbon tetrachloride (56-23-5)	U		4.0	"	"	"
Benzene (71-43-2)	U		4.0	"	"	"
Trichloroethene (79-01-6)	U		4.0	"	"	"
Methylcyclohexane (108-87-2)	U		4.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.0	"	"	"
Bromodichloromethane (75-27-4)	U		4.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.0	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-01 **Station ID: MW4**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 6.196 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.0	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.0	"	"	"
Bromoform (75-25-2)	U		4.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.0	"	"	"
Toluene (108-88-3)	U		4.0	"	"	"
Tetrachloroethene (127-18-4)	U		4.0	"	"	"
2-Hexanone (591-78-6)	U		4.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.0	"	"	"
Chlorobenzene (108-90-7)	U		4.0	"	"	"
Ethylbenzene (100-41-4)	U		4.0	"	"	"
meta-/para-Xylene (na)	U		8.1	"	"	"
ortho-Xylene (95-47-6)	U		4.0	"	"	"
Styrene (100-42-5)	U		4.0	"	"	"
Isopropylbenzene (98-82-8)	U		4.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.0	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-01 **Station ID: MW4**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 13.866 g
%Solids: 76.30

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	346		48.8	32-105	10/27/10	10/28/10
Surr: Phenol-d5	378		53.3	39-104	"	"
Surr: 2-Chlorophenol-d4	337		47.6	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	201		42.6	37-103	"	"
Surr: Nitrobenzene-d5	234		49.6	39-109	"	"
Surr: 2-Fluorobiphenyl	232		49.0	44-107	"	"
Surr: 2,4,6-Tribromophenol	382		53.9	38-126	"	"
Surr: Terphenyl-d14	314		66.4	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		47.3	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		47.3	"	"	"
Acetophenone (98-86-2)	U		47.3	"	"	"
Anthracene (120-12-7)	U		47.3	"	"	"
Atrazine (1912-24-9)	U		47.3	"	"	"
Benzaldehyde (100-52-7)	U		94.5	"	"	"
Benzoic acid (65-85-0)	U		473	"	"	"
Benzo (a) anthracene (56-55-3)	U		47.3	"	"	"
Benzo (a) pyrene (50-32-8)	U		47.3	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		47.3	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		47.3	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		47.3	"	"	"
Benzyl alcohol (100-51-6)	U		47.3	"	"	"
1,1'-Biphenyl (92-52-4)	U		47.3	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		47.3	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		47.3	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		47.3	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		473	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		47.3	"	"	"
Butyl benzyl phthalate (85-68-7)	U		473	"	"	"
Carbazole (86-74-8)	U		47.3	"	"	"
Caprolactam (105-60-2)	U		94.5	"	"	"
4-Chloroaniline (106-47-8)	U		47.3	"	"	"
2-Chloronaphthalene (91-58-7)	U		47.3	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-01 **Station ID: MW4**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 13.866 g
%Solids: 76.30

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		47.3	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		47.3	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		47.3	"	"	"
Chrysene (218-01-9)	U		47.3	"	"	"
Dibenzofuran (132-64-9)	U		47.3	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		47.3	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		47.3	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		47.3	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		47.3	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		47.3	"	"	"
2,4-Dichlorophenol (120-83-2)	U		47.3	"	"	"
Diethyl phthalate (84-66-2)	U		473	"	"	"
2,4-Dimethylphenol (105-67-9)	U		94.5	"	"	"
Dimethyl phthalate (131-11-3)	U		473	"	"	"
2,4-Dinitrophenol (51-28-5)	U		473	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		94.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		94.5	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		473	"	"	"
Di-n-butyl phthalate (84-74-2)	U		473	"	"	"
Di-n-octyl phthalate (117-84-0)	U		473	"	"	"
Fluoranthene (206-44-0)	U		47.3	"	"	"
Fluorene (86-73-7)	U		47.3	"	"	"
Hexachlorobenzene (118-74-1)	U		47.3	"	"	"
Hexachlorobutadiene (87-68-3)	U		47.3	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		473	"	"	"
Hexachloroethane (67-72-1)	U		47.3	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		47.3	"	"	"
Isophorone (78-59-1)	U		47.3	"	"	"
2-Methylnaphthalene (91-57-6)	U		47.3	"	"	"
2-Methylphenol (95-48-7)	U		47.3	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		47.3	"	"	"
Naphthalene (91-20-3)	U		47.3	"	"	"
2-Nitroaniline (88-74-4)	U		94.5	"	"	"
3-Nitroaniline (99-09-2)	U		94.5	"	"	"
4-Nitroaniline (100-01-6)	U		94.5	"	"	"
Nitrobenzene (98-95-3)	U		47.3	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-01 **Station ID: MW4**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 13.866 g
%Solids: 76.30

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		47.3	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		473	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		47.3	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		47.3	"	"	"
Pentachlorophenol (87-86-5)	U		94.5	"	"	"
Phenanthrene (85-01-8)	U		47.3	"	"	"
Phenol (108-95-2)	U		47.3	"	"	"
Pyrene (129-00-0)	U		47.3	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		47.3	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		47.3	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		47.3	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010023-01 **Station ID: MW4**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 11.392 g
%Solids: 76.30

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	164,000		93.4	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	159,000		90.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		43,900	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		43,900	"	"	"
Gasoline Range Organics (NA)	U		43,900	"	"	"
TPH (NA)	U		43,900	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-02 **Station ID: MW5**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.813 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	47.3		94.7	70-130	10/22/10	10/22/10
Surr: Toluene-d8	48.5		97.0	70-130	"	"
Surr: 4-Bromofluorobenzene	45.9		91.8	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.3	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.3	"	"	"
Vinyl chloride (75-01-4)	U		4.3	"	"	"
Bromomethane (74-83-9)	U		4.3	"	"	"
Chloroethane (75-00-3)	U		4.3	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.3	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.3	"	"	"
Carbon disulfide (75-15-0)	U		4.3	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.3	"	"	"
Acetone (67-64-1)	U		8.6	"	"	"
Methylene chloride (75-09-2)	U		4.3	"	"	"
Methyl acetate (79-20-9)	U		4.3	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.3	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.3	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.3	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.3	"	"	"
2-Butanone (78-93-3)	U		4.3	"	"	"
Chloroform (67-66-3)	U		4.3	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.3	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.3	"	"	"
Cyclohexane (110-82-7)	U		4.3	"	"	"
Carbon tetrachloride (56-23-5)	U		4.3	"	"	"
Benzene (71-43-2)	U		4.3	"	"	"
Trichloroethene (79-01-6)	U		4.3	"	"	"
Methylcyclohexane (108-87-2)	U		4.3	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.3	"	"	"
Bromodichloromethane (75-27-4)	U		4.3	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.3	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.3	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-02 **Station ID: MW5**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.813 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.3	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.3	"	"	"
Bromoform (75-25-2)	U		4.3	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.3	"	"	"
Toluene (108-88-3)	U		4.3	"	"	"
Tetrachloroethene (127-18-4)	U		4.3	"	"	"
2-Hexanone (591-78-6)	U		4.3	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.3	"	"	"
Chlorobenzene (108-90-7)	U		4.3	"	"	"
Ethylbenzene (100-41-4)	U		4.3	"	"	"
meta-/para-Xylene (na)	U		8.6	"	"	"
ortho-Xylene (95-47-6)	U		4.3	"	"	"
Styrene (100-42-5)	U		4.3	"	"	"
Isopropylbenzene (98-82-8)	U		4.3	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.3	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.3	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.3	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.3	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.3	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.3	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-02 **Station ID: MW5**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.431 g
%Solids: 82.56

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	484		66.3	32-105	10/27/10	10/28/10
Surr: Phenol-d5	532		72.8	39-104	"	"
Surr: 2-Chlorophenol-d4	476		65.2	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	300		61.6	37-103	"	"
Surr: Nitrobenzene-d5	341		70.0	39-109	"	"
Surr: 2-Fluorobiphenyl	344		70.6	44-107	"	"
Surr: 2,4,6-Tribromophenol	495		67.7	38-126	"	"
Surr: Terphenyl-d14	330		67.8	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		48.7	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		48.7	"	"	"
Acetophenone (98-86-2)	U		48.7	"	"	"
Anthracene (120-12-7)	U		48.7	"	"	"
Atrazine (1912-24-9)	U		48.7	"	"	"
Benzaldehyde (100-52-7)	U		97.4	"	"	"
Benzoic acid (65-85-0)	U		487	"	"	"
Benzo (a) anthracene (56-55-3)	U		48.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		48.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		48.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		48.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		48.7	"	"	"
Benzyl alcohol (100-51-6)	U		48.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		48.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		48.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		48.7	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		48.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		487	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		48.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		487	"	"	"
Carbazole (86-74-8)	U		48.7	"	"	"
Caprolactam (105-60-2)	U		97.4	"	"	"
4-Chloroaniline (106-47-8)	U		48.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-02 **Station ID: MW5**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.431 g
%Solids: 82.56

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		48.7	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		48.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		48.7	"	"	"
Chrysene (218-01-9)	U		48.7	"	"	"
Dibenzofuran (132-64-9)	U		48.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		48.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		48.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		48.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		48.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		48.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		48.7	"	"	"
Diethyl phthalate (84-66-2)	U		487	"	"	"
2,4-Dimethylphenol (105-67-9)	U		97.4	"	"	"
Dimethyl phthalate (131-11-3)	U		487	"	"	"
2,4-Dinitrophenol (51-28-5)	U		487	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		97.4	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		97.4	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		487	"	"	"
Di-n-butyl phthalate (84-74-2)	U		487	"	"	"
Di-n-octyl phthalate (117-84-0)	U		487	"	"	"
Fluoranthene (206-44-0)	U		48.7	"	"	"
Fluorene (86-73-7)	U		48.7	"	"	"
Hexachlorobenzene (118-74-1)	U		48.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		48.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		487	"	"	"
Hexachloroethane (67-72-1)	U		48.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		48.7	"	"	"
Isophorone (78-59-1)	U		48.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		48.7	"	"	"
2-Methylphenol (95-48-7)	U		48.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		48.7	"	"	"
Naphthalene (91-20-3)	U		48.7	"	"	"
2-Nitroaniline (88-74-4)	U		97.4	"	"	"
3-Nitroaniline (99-09-2)	U		97.4	"	"	"
4-Nitroaniline (100-01-6)	U		97.4	"	"	"
Nitrobenzene (98-95-3)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-02 **Station ID: MW5**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.431 g
%Solids: 82.56

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		48.7	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		487	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		48.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		48.7	"	"	"
Pentachlorophenol (87-86-5)	U		97.4	"	"	"
Phenanthrene (85-01-8)	U		48.7	"	"	"
Phenol (108-95-2)	U		48.7	"	"	"
Pyrene (129-00-0)	U		48.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		48.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		48.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		48.7	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010023-02 **Station ID: MW5**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 11.003 g
%Solids: 82.56

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	167,000		92.1	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	163,000		89.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		45,400	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		45,400	"	"	"
Gasoline Range Organics (NA)	U		45,400	"	"	"
TPH (NA)	U		45,400	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-03 **Station ID: MW7**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.786 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.1		96.2	70-130	10/22/10	10/22/10
Surr: Toluene-d8	48.9		97.9	70-130	"	"
Surr: 4-Bromofluorobenzene	49.3		98.7	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.3	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.3	"	"	"
Vinyl chloride (75-01-4)	U		4.3	"	"	"
Bromomethane (74-83-9)	U		4.3	"	"	"
Chloroethane (75-00-3)	U		4.3	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.3	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.3	"	"	"
Carbon disulfide (75-15-0)	U		4.3	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.3	"	"	"
Acetone (67-64-1)	U		8.6	"	"	"
Methylene chloride (75-09-2)	U		4.3	"	"	"
Methyl acetate (79-20-9)	U		4.3	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.3	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.3	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.3	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.3	"	"	"
2-Butanone (78-93-3)	U		4.3	"	"	"
Chloroform (67-66-3)	U		4.3	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.3	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.3	"	"	"
Cyclohexane (110-82-7)	U		4.3	"	"	"
Carbon tetrachloride (56-23-5)	U		4.3	"	"	"
Benzene (71-43-2)	U		4.3	"	"	"
Trichloroethene (79-01-6)	U		4.3	"	"	"
Methylcyclohexane (108-87-2)	U		4.3	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.3	"	"	"
Bromodichloromethane (75-27-4)	U		4.3	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.3	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.3	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-03 **Station ID: MW7**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.786 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.3	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.3	"	"	"
Bromoform (75-25-2)	U		4.3	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.3	"	"	"
Toluene (108-88-3)	U		4.3	"	"	"
Tetrachloroethene (127-18-4)	U		4.3	"	"	"
2-Hexanone (591-78-6)	U		4.3	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.3	"	"	"
Chlorobenzene (108-90-7)	U		4.3	"	"	"
Ethylbenzene (100-41-4)	U		4.3	"	"	"
meta-/para-Xylene (na)	U		8.6	"	"	"
ortho-Xylene (95-47-6)	U		4.3	"	"	"
Styrene (100-42-5)	U		4.3	"	"	"
Isopropylbenzene (98-82-8)	U		4.3	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.3	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.3	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.3	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.3	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.3	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.3	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-03 **Station ID: MW7**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.55 g
%Solids: 80.52

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	444		59.9	32-105	10/27/10	10/28/10
Surr: Phenol-d5	470		63.3	39-104	"	"
Surr: 2-Chlorophenol-d4	419		56.4	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	284		57.4	37-103	"	"
Surr: Nitrobenzene-d5	300		60.6	39-109	"	"
Surr: 2-Fluorobiphenyl	296		59.8	44-107	"	"
Surr: 2,4,6-Tribromophenol	483		65.1	38-126	"	"
Surr: Terphenyl-d14	336		68.0	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		49.5	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		49.5	"	"	"
Acetophenone (98-86-2)	U		49.5	"	"	"
Anthracene (120-12-7)	U		49.5	"	"	"
Atrazine (1912-24-9)	U		49.5	"	"	"
Benzaldehyde (100-52-7)	U		99.0	"	"	"
Benzoic acid (65-85-0)	U		495	"	"	"
Benzo (a) anthracene (56-55-3)	U		49.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		49.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		49.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		49.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		49.5	"	"	"
Benzyl alcohol (100-51-6)	U		49.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		49.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		49.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		49.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		49.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		495	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		49.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		495	"	"	"
Carbazole (86-74-8)	U		49.5	"	"	"
Caprolactam (105-60-2)	U		99.0	"	"	"
4-Chloroaniline (106-47-8)	U		49.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		49.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-03 **Station ID: MW7**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.55 g
%Solids: 80.52

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		49.5	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		49.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		49.5	"	"	"
Chrysene (218-01-9)	U		49.5	"	"	"
Dibenzofuran (132-64-9)	U		49.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		49.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		49.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		49.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		49.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		49.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		49.5	"	"	"
Diethyl phthalate (84-66-2)	U		495	"	"	"
2,4-Dimethylphenol (105-67-9)	U		99.0	"	"	"
Dimethyl phthalate (131-11-3)	U		495	"	"	"
2,4-Dinitrophenol (51-28-5)	U		495	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		99.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		99.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		495	"	"	"
Di-n-butyl phthalate (84-74-2)	U		495	"	"	"
Di-n-octyl phthalate (117-84-0)	U		495	"	"	"
Fluoranthene (206-44-0)	U		49.5	"	"	"
Fluorene (86-73-7)	U		49.5	"	"	"
Hexachlorobenzene (118-74-1)	U		49.5	"	"	"
Hexachlorobutadiene (87-68-3)	U		49.5	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		495	"	"	"
Hexachloroethane (67-72-1)	U		49.5	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		49.5	"	"	"
Isophorone (78-59-1)	U		49.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		49.5	"	"	"
2-Methylphenol (95-48-7)	U		49.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		49.5	"	"	"
Naphthalene (91-20-3)	U		49.5	"	"	"
2-Nitroaniline (88-74-4)	U		99.0	"	"	"
3-Nitroaniline (99-09-2)	U		99.0	"	"	"
4-Nitroaniline (100-01-6)	U		99.0	"	"	"
Nitrobenzene (98-95-3)	U		49.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-03 **Station ID: MW7**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.55 g
%Solids: 80.52

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		49.5	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		495	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		49.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		49.5	"	"	"
Pentachlorophenol (87-86-5)	U		99.0	"	"	"
Phenanthrene (85-01-8)	U		49.5	"	"	"
Phenol (108-95-2)	U		49.5	"	"	"
Pyrene (129-00-0)	U		49.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		49.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		49.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		49.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010023-03 **Station ID: MW7**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 8.208 g
%Solids: 80.52

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	229,000		93.9	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	221,000		90.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		60,900	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		60,900	"	"	"
Gasoline Range Organics (NA)	U		60,900	"	"	"
TPH (NA)	U		60,900	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-04 **Station ID: MW8**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.436 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	50.9		102	70-130	10/22/10	10/22/10
Surr: Toluene-d8	47.8		95.6	70-130	"	"
Surr: 4-Bromofluorobenzene	48.3		96.5	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.6	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.6	"	"	"
Vinyl chloride (75-01-4)	U		4.6	"	"	"
Bromomethane (74-83-9)	U		4.6	"	"	"
Chloroethane (75-00-3)	U		4.6	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.6	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.6	"	"	"
Carbon disulfide (75-15-0)	U		4.6	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.6	"	"	"
Acetone (67-64-1)	U		9.2	"	"	"
Methylene chloride (75-09-2)	U		4.6	"	"	"
Methyl acetate (79-20-9)	U		4.6	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.6	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.6	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.6	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.6	"	"	"
2-Butanone (78-93-3)	U		4.6	"	"	"
Chloroform (67-66-3)	U		4.6	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.6	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.6	"	"	"
Cyclohexane (110-82-7)	U		4.6	"	"	"
Carbon tetrachloride (56-23-5)	U		4.6	"	"	"
Benzene (71-43-2)	U		4.6	"	"	"
Trichloroethene (79-01-6)	U		4.6	"	"	"
Methylcyclohexane (108-87-2)	U		4.6	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.6	"	"	"
Bromodichloromethane (75-27-4)	U		4.6	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.6	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.6	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-04 **Station ID: MW8**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.436 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.6	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.6	"	"	"
Bromoform (75-25-2)	U		4.6	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.6	"	"	"
Toluene (108-88-3)	U		4.6	"	"	"
Tetrachloroethene (127-18-4)	U		4.6	"	"	"
2-Hexanone (591-78-6)	U		4.6	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.6	"	"	"
Chlorobenzene (108-90-7)	U		4.6	"	"	"
Ethylbenzene (100-41-4)	U		4.6	"	"	"
meta-/para-Xylene (na)	U		9.2	"	"	"
ortho-Xylene (95-47-6)	U		4.6	"	"	"
Styrene (100-42-5)	U		4.6	"	"	"
Isopropylbenzene (98-82-8)	U		4.6	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.6	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.6	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.6	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.6	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.6	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.6	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-04 **Station ID: MW8**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.901 g
%Solids: 82.37

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	429		60.8	32-105	10/27/10	10/28/10
Surr: Phenol-d5	466		66.0	39-104	"	"
Surr: 2-Chlorophenol-d4	423		59.9	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	285		60.6	37-103	"	"
Surr: Nitrobenzene-d5	306		65.0	39-109	"	"
Surr: 2-Fluorobiphenyl	303		64.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	515		72.9	38-126	"	"
Surr: Terphenyl-d14	335		71.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		47.1	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		47.1	"	"	"
Acetophenone (98-86-2)	U		47.1	"	"	"
Anthracene (120-12-7)	U		47.1	"	"	"
Atrazine (1912-24-9)	U		47.1	"	"	"
Benzaldehyde (100-52-7)	U		94.1	"	"	"
Benzoic acid (65-85-0)	U		471	"	"	"
Benzo (a) anthracene (56-55-3)	U		47.1	"	"	"
Benzo (a) pyrene (50-32-8)	U		47.1	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		47.1	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		47.1	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		47.1	"	"	"
Benzyl alcohol (100-51-6)	U		47.1	"	"	"
1,1'-Biphenyl (92-52-4)	U		47.1	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		47.1	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		47.1	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		47.1	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		471	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		47.1	"	"	"
Butyl benzyl phthalate (85-68-7)	U		471	"	"	"
Carbazole (86-74-8)	U		47.1	"	"	"
Caprolactam (105-60-2)	U		94.1	"	"	"
4-Chloroaniline (106-47-8)	U		47.1	"	"	"
2-Chloronaphthalene (91-58-7)	U		47.1	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-04 **Station ID: MW8**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.901 g
%Solids: 82.37

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		47.1	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		47.1	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		47.1	"	"	"
Chrysene (218-01-9)	U		47.1	"	"	"
Dibenzofuran (132-64-9)	U		47.1	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		47.1	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		47.1	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		47.1	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		47.1	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		47.1	"	"	"
2,4-Dichlorophenol (120-83-2)	U		47.1	"	"	"
Diethyl phthalate (84-66-2)	U		471	"	"	"
2,4-Dimethylphenol (105-67-9)	U		94.1	"	"	"
Dimethyl phthalate (131-11-3)	U		471	"	"	"
2,4-Dinitrophenol (51-28-5)	U		471	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		94.1	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		94.1	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		471	"	"	"
Di-n-butyl phthalate (84-74-2)	U		471	"	"	"
Di-n-octyl phthalate (117-84-0)	U		471	"	"	"
Fluoranthene (206-44-0)	U		47.1	"	"	"
Fluorene (86-73-7)	U		47.1	"	"	"
Hexachlorobenzene (118-74-1)	U		47.1	"	"	"
Hexachlorobutadiene (87-68-3)	U		47.1	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		471	"	"	"
Hexachloroethane (67-72-1)	U		47.1	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		47.1	"	"	"
Isophorone (78-59-1)	U		47.1	"	"	"
2-Methylnaphthalene (91-57-6)	U		47.1	"	"	"
2-Methylphenol (95-48-7)	U		47.1	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		47.1	"	"	"
Naphthalene (91-20-3)	U		47.1	"	"	"
2-Nitroaniline (88-74-4)	U		94.1	"	"	"
3-Nitroaniline (99-09-2)	U		94.1	"	"	"
4-Nitroaniline (100-01-6)	U		94.1	"	"	"
Nitrobenzene (98-95-3)	U		47.1	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-04 **Station ID: MW8**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 12.901 g
%Solids: 82.37

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		47.1	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		471	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		47.1	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		47.1	"	"	"
Pentachlorophenol (87-86-5)	U		94.1	"	"	"
Phenanthrene (85-01-8)	U		47.1	"	"	"
Phenol (108-95-2)	U		47.1	"	"	"
Pyrene (129-00-0)	U		47.1	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		47.1	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		47.1	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		47.1	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010023-04 **Station ID: MW8**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 10.156 g
%Solids: 82.37

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	185,000		93.8	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	182,000		92.2	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		49,200	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		49,200	"	"	"
Gasoline Range Organics (NA)	U		49,200	"	"	"
TPH (NA)	U		49,200	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-05 **Station ID: MW8**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 4.96 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.0		95.9	70-130	10/22/10	10/22/10
Surr: Toluene-d8	50.3		101	70-130	"	"
Surr: 4-Bromofluorobenzene	48.1		96.2	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		5.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		5.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		5.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		5.0	"	"	"
Carbon disulfide (75-15-0)	U		5.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		5.0	"	"	"
Acetone (67-64-1)	U		10.1	"	"	"
Methylene chloride (75-09-2)	U		5.0	"	"	"
Methyl acetate (79-20-9)	U		5.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		5.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		5.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		5.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		5.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		5.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		5.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		5.0	"	"	"
Cyclohexane (110-82-7)	U		5.0	"	"	"
Carbon tetrachloride (56-23-5)	U		5.0	"	"	"
Benzene (71-43-2)	U		5.0	"	"	"
Trichloroethene (79-01-6)	U		5.0	"	"	"
Methylcyclohexane (108-87-2)	U		5.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		5.0	"	"	"
Bromodichloromethane (75-27-4)	U		5.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		5.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		5.0	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-05 **Station ID: MW8**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 4.96 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		5.0	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		5.0	"	"	"
Bromoform (75-25-2)	U		5.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		5.0	"	"	"
Tetrachloroethene (127-18-4)	U		5.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		5.0	"	"	"
Chlorobenzene (108-90-7)	U		5.0	"	"	"
Ethylbenzene (100-41-4)	U		5.0	"	"	"
meta-/para-Xylene (na)	U		10.1	"	"	"
ortho-Xylene (95-47-6)	U		5.0	"	"	"
Styrene (100-42-5)	U		5.0	"	"	"
Isopropylbenzene (98-82-8)	U		5.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		5.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		5.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		5.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		5.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-05 **Station ID: MW8**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 13.05 g
%Solids: 78.67

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	380		52.0	32-105	10/27/10	10/28/10
Surr: Phenol-d5	403		55.2	39-104	"	"
Surr: 2-Chlorophenol-d4	360		49.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	234		48.0	37-103	"	"
Surr: Nitrobenzene-d5	259		53.2	39-109	"	"
Surr: 2-Fluorobiphenyl	254		52.2	44-107	"	"
Surr: 2,4,6-Tribromophenol	486		66.5	38-126	"	"
Surr: Terphenyl-d14	349		71.6	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		48.7	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		48.7	"	"	"
Acetophenone (98-86-2)	U		48.7	"	"	"
Anthracene (120-12-7)	U		48.7	"	"	"
Atrazine (1912-24-9)	U		48.7	"	"	"
Benzaldehyde (100-52-7)	U		97.4	"	"	"
Benzoic acid (65-85-0)	U		487	"	"	"
Benzo (a) anthracene (56-55-3)	U		48.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		48.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		48.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		48.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		48.7	"	"	"
Benzyl alcohol (100-51-6)	U		48.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		48.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		48.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		48.7	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		48.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		487	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		48.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		487	"	"	"
Carbazole (86-74-8)	U		48.7	"	"	"
Caprolactam (105-60-2)	U		97.4	"	"	"
4-Chloroaniline (106-47-8)	U		48.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-05 **Station ID: MW8**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 13.05 g
%Solids: 78.67

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		48.7	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		48.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		48.7	"	"	"
Chrysene (218-01-9)	U		48.7	"	"	"
Dibenzofuran (132-64-9)	U		48.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		48.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		48.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		48.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		48.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		48.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		48.7	"	"	"
Diethyl phthalate (84-66-2)	U		487	"	"	"
2,4-Dimethylphenol (105-67-9)	U		97.4	"	"	"
Dimethyl phthalate (131-11-3)	U		487	"	"	"
2,4-Dinitrophenol (51-28-5)	U		487	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		97.4	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		97.4	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		487	"	"	"
Di-n-butyl phthalate (84-74-2)	U		487	"	"	"
Di-n-octyl phthalate (117-84-0)	U		487	"	"	"
Fluoranthene (206-44-0)	U		48.7	"	"	"
Fluorene (86-73-7)	U		48.7	"	"	"
Hexachlorobenzene (118-74-1)	U		48.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		48.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		487	"	"	"
Hexachloroethane (67-72-1)	U		48.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		48.7	"	"	"
Isophorone (78-59-1)	U		48.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		48.7	"	"	"
2-Methylphenol (95-48-7)	U		48.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		48.7	"	"	"
Naphthalene (91-20-3)	U		48.7	"	"	"
2-Nitroaniline (88-74-4)	U		97.4	"	"	"
3-Nitroaniline (99-09-2)	U		97.4	"	"	"
4-Nitroaniline (100-01-6)	U		97.4	"	"	"
Nitrobenzene (98-95-3)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-05 **Station ID: MW8**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 13.05 g
%Solids: 78.67

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		48.7	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		487	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		48.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		48.7	"	"	"
Pentachlorophenol (87-86-5)	U		97.4	"	"	"
Phenanthrene (85-01-8)	U		48.7	"	"	"
Phenol (108-95-2)	U		48.7	"	"	"
Pyrene (129-00-0)	U		48.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		48.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		48.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		48.7	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010023-05 **Station ID: MW8**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 8.592 g
%Solids: 78.67

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	212,000		91.1	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	205,000		88.2	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		58,200	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		58,200	"	"	"
Gasoline Range Organics (NA)	U		58,200	"	"	"
TPH (NA)	U		58,200	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-06 **Station ID: MW8**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.796 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	48.7		97.3	70-130	10/22/10	10/22/10
Surr: Toluene-d8	55.6		111	70-130	"	"
Surr: 4-Bromofluorobenzene	26.6		53.3 #	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.3	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.3	"	"	"
Vinyl chloride (75-01-4)	U		4.3	"	"	"
Bromomethane (74-83-9)	U		4.3	"	"	"
Chloroethane (75-00-3)	U		4.3	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.3	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.3	"	"	"
Carbon disulfide (75-15-0)	U		4.3	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.3	"	"	"
Acetone (67-64-1)	**11.6**	**J**	8.6	"	"	"
Methylene chloride (75-09-2)	U		4.3	"	"	"
Methyl acetate (79-20-9)	U		4.3	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.3	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.3	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.3	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.3	"	"	"
2-Butanone (78-93-3)	U		4.3	"	"	"
Chloroform (67-66-3)	U		4.3	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.3	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.3	"	"	"
Cyclohexane (110-82-7)	**5.5**		4.3	"	"	"
Carbon tetrachloride (56-23-5)	U		4.3	"	"	"
Benzene (71-43-2)	U		4.3	"	"	"
Trichloroethene (79-01-6)	U		4.3	"	"	"
Methylcyclohexane (108-87-2)	**38.6**		4.3	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.3	"	"	"
Bromodichloromethane (75-27-4)	U		4.3	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.3	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.3	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010023-06 **Station ID: MW8**

Batch: B0J1905 Date Collected: 10/20/10
Sample Type: Solid Sample Weight: 5.796 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.3	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.3	"	"	"
Bromoform (75-25-2)	U		4.3	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.3	"	"	"
Toluene (108-88-3)	U		4.3	"	"	"
Tetrachloroethene (127-18-4)	U		4.3	"	"	"
2-Hexanone (591-78-6)	U		4.3	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.3	"	"	"
Chlorobenzene (108-90-7)	U		4.3	"	"	"
Ethylbenzene (100-41-4)	U		4.3	"	"	"
meta-/para-Xylene (na)	U		8.6	"	"	"
ortho-Xylene (95-47-6)	U		4.3	"	"	"
Styrene (100-42-5)	U		4.3	"	"	"
Isopropylbenzene (98-82-8)	**39.1**		4.3	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.3	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.3	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.3	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.3	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.3	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.3	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010023-06 **Station ID: MW8**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 10.051 g
%Solids: 79.57

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	195,000		98.2	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	181,000		91.2	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	**117,000**	**J**	49,700	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		49,700	"	"	"
Gasoline Range Organics (NA)	**153,000**	**J**	49,700	"	"	"
TPH (NA)	**144,000**	**J**	49,700	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-06RE1 **Station ID: MW8**

Batch: B0J2902
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 14.536 g
%Solids: 79.57

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	368		56.8	32-105	10/29/10	10/29/10
Surr: Phenol-d5	473		72.9	39-104	"	"
Surr: 2-Chlorophenol-d4	343		52.9	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	205		47.4	37-103	"	"
Surr: Nitrobenzene-d5	239		55.2	39-109	"	"
Surr: 2-Fluorobiphenyl	303		70.2	44-107	"	"
Surr: 2,4,6-Tribromophenol	467		72.0	38-126	"	"
Surr: Terphenyl-d14	308		71.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		43.2	1	10/29/10	10/29/10
Acenaphthylene (208-96-8)	U		43.2	"	"	"
Acetophenone (98-86-2)	U		43.2	"	"	"
Anthracene (120-12-7)	U		43.2	"	"	"
Atrazine (1912-24-9)	U		43.2	"	"	"
Benzaldehyde (100-52-7)	U		86.5	"	"	"
Benzoic acid (65-85-0)	U		432	"	"	"
Benzo (a) anthracene (56-55-3)	U		43.2	"	"	"
Benzo (a) pyrene (50-32-8)	U		43.2	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		43.2	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		43.2	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		43.2	"	"	"
Benzyl alcohol (100-51-6)	U		43.2	"	"	"
1,1'-Biphenyl (92-52-4)	U		43.2	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		43.2	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		43.2	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		43.2	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		432	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		43.2	"	"	"
Butyl benzyl phthalate (85-68-7)	U		432	"	"	"
Carbazole (86-74-8)	U		43.2	"	"	"
Caprolactam (105-60-2)	U		86.5	"	"	"
4-Chloroaniline (106-47-8)	U		43.2	"	"	"
2-Chloronaphthalene (91-58-7)	U		43.2	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-06RE1 **Station ID: MW8**

Batch: B0J2902
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 14.536 g
%Solids: 79.57

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		43.2	1	10/29/10	10/29/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		43.2	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		43.2	"	"	"
Chrysene (218-01-9)	U		43.2	"	"	"
Dibenzofuran (132-64-9)	U		43.2	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		43.2	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		43.2	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		43.2	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		43.2	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		43.2	"	"	"
2,4-Dichlorophenol (120-83-2)	U		43.2	"	"	"
Diethyl phthalate (84-66-2)	U		432	"	"	"
2,4-Dimethylphenol (105-67-9)	U		86.5	"	"	"
Dimethyl phthalate (131-11-3)	U		432	"	"	"
2,4-Dinitrophenol (51-28-5)	U		432	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		86.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		86.5	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		432	"	"	"
Di-n-butyl phthalate (84-74-2)	U		432	"	"	"
Di-n-octyl phthalate (117-84-0)	U		432	"	"	"
Fluoranthene (206-44-0)	U		43.2	"	"	"
Fluorene (86-73-7)	U		43.2	"	"	"
Hexachlorobenzene (118-74-1)	U		43.2	"	"	"
Hexachlorobutadiene (87-68-3)	U		43.2	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		432	"	"	"
Hexachloroethane (67-72-1)	U		43.2	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		43.2	"	"	"
Isophorone (78-59-1)	U		43.2	"	"	"
2-Methylnaphthalene (91-57-6)	**96.0**		43.2	"	"	"
2-Methylphenol (95-48-7)	U		43.2	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		43.2	"	"	"
Naphthalene (91-20-3)	U		43.2	"	"	"
2-Nitroaniline (88-74-4)	U		86.5	"	"	"
3-Nitroaniline (99-09-2)	U		86.5	"	"	"
4-Nitroaniline (100-01-6)	U		86.5	"	"	"
Nitrobenzene (98-95-3)	U		43.2	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010023-06RE1 **Station ID: MW8**

Batch: B0J2902
Sample Type: Solid

Date Collected: 10/20/10
Sample Weight: 14.536 g
%Solids: 79.57

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		43.2	1	10/29/10	10/29/10
4-Nitrophenol (100-02-7)	U		432	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		43.2	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		43.2	"	"	"
Pentachlorophenol (87-86-5)	U		86.5	"	"	"
Phenanthrene (85-01-8)	U		43.2	"	"	"
Phenol (108-95-2)	U		43.2	"	"	"
Pyrene (129-00-0)	U		43.2	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		43.2	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		43.2	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		43.2	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010023-07 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/20/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	53.1		106	81-124	10/26/10	10/26/10
Surr: Toluene-d8	47.7		95.4	86-115	"	"
Surr: 4-Bromofluorobenzene	48.3		96.5	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010023-07 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/20/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-01 **Station ID: MW6**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	52.2		104	81-124	10/26/10	10/26/10
Surr: Toluene-d8	47.9		95.8	86-115	"	"
Surr: 4-Bromofluorobenzene	48.6		97.2	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-01 **Station ID: MW6**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-01 **Station ID: MW6**

Batch: B0J2505 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 1043 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	6.10		84.8	32-105	10/26/10	10/27/10
Surr: Phenol-d5	6.12		85.1	39-104	"	"
Surr: 2-Chlorophenol-d4	5.99		83.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	3.41		71.2	37-103	"	"
Surr: Nitrobenzene-d5	4.41		92.0	39-109	"	"
Surr: 2-Fluorobiphenyl	4.22		88.0	44-107	"	"
Surr: 2,4,6-Tribromophenol	6.63		92.1	38-126	"	"
Surr: Terphenyl-d14	4.55		95.0	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**11.9**	**J**	4.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-01 **Station ID: MW6**

Batch: B0J2505 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 1043 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.8	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-01 **Station ID: MW6**

Batch: B0J2505 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 1043 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.8	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010028-01 **Station ID: MW6**

Batch: B0J2702 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 32.783 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	21,300		116	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	23,200		127	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,580	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,580	"	"	"
Gasoline Range Organics (NA)	U		4,580	"	"	"
TPH (NA)	U		4,580	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-02 **Station ID: MW2**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	51.9		104	81-124	10/26/10	10/26/10
Surr: Toluene-d8	48.1		96.2	86-115	"	"
Surr: 4-Bromofluorobenzene	48.3		96.6	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-02 **Station ID: MW2**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-02 **Station ID: MW2**

Batch: B0J2505 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 1041 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	3.84		53.3	32-105	10/26/10	10/27/10
Surr: Phenol-d5	4.09		56.8	39-104	"	"
Surr: 2-Chlorophenol-d4	3.62		50.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	3.37		70.2	37-103	"	"
Surr: Nitrobenzene-d5	4.51		93.8	39-109	"	"
Surr: 2-Fluorobiphenyl	4.26		88.6	44-107	"	"
Surr: 2,4,6-Tribromophenol	3.49		48.4	38-126	"	"
Surr: Terphenyl-d14	4.48		93.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**14.4**	**J**	4.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-02 **Station ID: MW2**

Batch: B0J2505 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 1041 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.8	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-02 **Station ID: MW2**

Batch: B0J2505 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 1041 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.8	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010028-02 **Station ID: MW2**

Batch: B0J2702 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 32.546 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	20,300		110	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	21,600		117	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,610	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,610	"	"	"
Gasoline Range Organics (NA)	U		4,610	"	"	"
TPH (NA)	U		4,610	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-03 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	53.1		106	81-124	10/26/10	10/26/10
Surr: Toluene-d8	48.2		96.4	86-115	"	"
Surr: 4-Bromofluorobenzene	47.7		95.4	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-03 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-04 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	57.9		116	81-124	10/26/10	10/26/10
Surr: Toluene-d8	49.6		99.2	86-115	"	"
Surr: 4-Bromofluorobenzene	49.1		98.1	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010028-04 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/21/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-05 **Station ID: SB2**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 6.15 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	45.0		90.0	70-130	10/22/10	10/22/10
Surr: Toluene-d8	51.9		104	70-130	"	"
Surr: 4-Bromofluorobenzene	44.6		89.1	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.1	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.1	"	"	"
Vinyl chloride (75-01-4)	U		4.1	"	"	"
Bromomethane (74-83-9)	U		4.1	"	"	"
Chloroethane (75-00-3)	U		4.1	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.1	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.1	"	"	"
Carbon disulfide (75-15-0)	U		4.1	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.1	"	"	"
Acetone (67-64-1)	**40.9**	**B, J**	8.1	"	"	"
Methylene chloride (75-09-2)	U		4.1	"	"	"
Methyl acetate (79-20-9)	U		4.1	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.1	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.1	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.1	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.1	"	"	"
2-Butanone (78-93-3)	U		4.1	"	"	"
Chloroform (67-66-3)	U		4.1	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.1	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.1	"	"	"
Cyclohexane (110-82-7)	U		4.1	"	"	"
Carbon tetrachloride (56-23-5)	U		4.1	"	"	"
Benzene (71-43-2)	U		4.1	"	"	"
Trichloroethene (79-01-6)	U		4.1	"	"	"
Methylcyclohexane (108-87-2)	U		4.1	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.1	"	"	"
Bromodichloromethane (75-27-4)	U		4.1	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.1	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.1	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-05 **Station ID: SB2**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 6.15 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.1	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.1	"	"	"
Bromoform (75-25-2)	U		4.1	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.1	"	"	"
Toluene (108-88-3)	U		4.1	"	"	"
Tetrachloroethene (127-18-4)	U		4.1	"	"	"
2-Hexanone (591-78-6)	U		4.1	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.1	"	"	"
Chlorobenzene (108-90-7)	U		4.1	"	"	"
Ethylbenzene (100-41-4)	U		4.1	"	"	"
meta-/para-Xylene (na)	U		8.1	"	"	"
ortho-Xylene (95-47-6)	U		4.1	"	"	"
Styrene (100-42-5)	U		4.1	"	"	"
Isopropylbenzene (98-82-8)	U		4.1	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.1	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.1	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.1	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.1	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.1	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.1	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-05 **Station ID: SB2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.766 g
%Solids: 80.50

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	397		54.4	32-105	10/27/10	10/28/10
Surr: Phenol-d5	422		57.9	39-104	"	"
Surr: 2-Chlorophenol-d4	379		51.9	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	259		53.2	37-103	"	"
Surr: Nitrobenzene-d5	278		57.2	39-109	"	"
Surr: 2-Fluorobiphenyl	273		56.2	44-107	"	"
Surr: 2,4,6-Tribromophenol	419		57.5	38-126	"	"
Surr: Terphenyl-d14	327		67.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		48.7	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		48.7	"	"	"
Acetophenone (98-86-2)	U		48.7	"	"	"
Anthracene (120-12-7)	U		48.7	"	"	"
Atrazine (1912-24-9)	U		48.7	"	"	"
Benzaldehyde (100-52-7)	U		97.3	"	"	"
Benzoic acid (65-85-0)	U		487	"	"	"
Benzo (a) anthracene (56-55-3)	U		48.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		48.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		48.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		48.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		48.7	"	"	"
Benzyl alcohol (100-51-6)	U		48.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		48.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		48.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		48.7	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		48.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		487	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		48.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		487	"	"	"
Carbazole (86-74-8)	U		48.7	"	"	"
Caprolactam (105-60-2)	U		97.3	"	"	"
4-Chloroaniline (106-47-8)	U		48.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-05 **Station ID: SB2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.766 g
%Solids: 80.50

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		48.7	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		48.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		48.7	"	"	"
Chrysene (218-01-9)	U		48.7	"	"	"
Dibenzofuran (132-64-9)	U		48.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		48.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		48.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		48.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		48.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		48.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		48.7	"	"	"
Diethyl phthalate (84-66-2)	U		487	"	"	"
2,4-Dimethylphenol (105-67-9)	U		97.3	"	"	"
Dimethyl phthalate (131-11-3)	U		487	"	"	"
2,4-Dinitrophenol (51-28-5)	U		487	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		97.3	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		97.3	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		487	"	"	"
Di-n-butyl phthalate (84-74-2)	U		487	"	"	"
Di-n-octyl phthalate (117-84-0)	U		487	"	"	"
Fluoranthene (206-44-0)	U		48.7	"	"	"
Fluorene (86-73-7)	U		48.7	"	"	"
Hexachlorobenzene (118-74-1)	U		48.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		48.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		487	"	"	"
Hexachloroethane (67-72-1)	U		48.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		48.7	"	"	"
Isophorone (78-59-1)	U		48.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		48.7	"	"	"
2-Methylphenol (95-48-7)	U		48.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		48.7	"	"	"
Naphthalene (91-20-3)	U		48.7	"	"	"
2-Nitroaniline (88-74-4)	U		97.3	"	"	"
3-Nitroaniline (99-09-2)	U		97.3	"	"	"
4-Nitroaniline (100-01-6)	U		97.3	"	"	"
Nitrobenzene (98-95-3)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-05 **Station ID: SB2**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.766 g
%Solids: 80.50

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		48.7	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		487	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		48.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		48.7	"	"	"
Pentachlorophenol (87-86-5)	U		97.3	"	"	"
Phenanthrene (85-01-8)	U		48.7	"	"	"
Phenol (108-95-2)	U		48.7	"	"	"
Pyrene (129-00-0)	U		48.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		48.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		48.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		48.7	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010028-05 **Station ID: SB2**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 10.66 g
%Solids: 80.50

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	177,000		94.2	70-130	11/02/10	11/02/10
Surr: 1-Chlorooctadecane	175,000		93.2	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		46,900	1	11/02/10	11/02/10
Oil Range Organics (NA)	U		46,900	"	"	"
Gasoline Range Organics (NA)	U		46,900	"	"	"
TPH (NA)	U		46,900	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-06 **Station ID: SB26**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 6.443 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	47.1		94.3	70-130	10/22/10	10/22/10
Surr: Toluene-d8	49.8		99.5	70-130	"	"
Surr: 4-Bromofluorobenzene	49.2		98.4	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		3.9	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		3.9	"	"	"
Vinyl chloride (75-01-4)	U		3.9	"	"	"
Bromomethane (74-83-9)	U		3.9	"	"	"
Chloroethane (75-00-3)	U		3.9	"	"	"
Trichlorofluoromethane (75-69-4)	U		3.9	"	"	"
1,1-Dichloroethene (75-35-4)	U		3.9	"	"	"
Carbon disulfide (75-15-0)	U		3.9	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		3.9	"	"	"
Acetone (67-64-1)	U		7.8	"	"	"
Methylene chloride (75-09-2)	U		3.9	"	"	"
Methyl acetate (79-20-9)	U		3.9	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		3.9	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		3.9	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		3.9	"	"	"
1,1-Dichloroethane (75-34-3)	U		3.9	"	"	"
2-Butanone (78-93-3)	U		3.9	"	"	"
Chloroform (67-66-3)	U		3.9	"	"	"
1,2-Dichloroethane (107-06-2)	U		3.9	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		3.9	"	"	"
Cyclohexane (110-82-7)	U		3.9	"	"	"
Carbon tetrachloride (56-23-5)	U		3.9	"	"	"
Benzene (71-43-2)	U		3.9	"	"	"
Trichloroethene (79-01-6)	U		3.9	"	"	"
Methylcyclohexane (108-87-2)	U		3.9	"	"	"
1,2-Dichloropropane (78-87-5)	U		3.9	"	"	"
Bromodichloromethane (75-27-4)	U		3.9	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		3.9	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		3.9	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-06 **Station ID: SB26**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 6.443 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		3.9	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		3.9	"	"	"
Bromoform (75-25-2)	U		3.9	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		3.9	"	"	"
Toluene (108-88-3)	U		3.9	"	"	"
Tetrachloroethene (127-18-4)	U		3.9	"	"	"
2-Hexanone (591-78-6)	U		3.9	"	"	"
1,2-Dibromoethane (106-93-4)	U		3.9	"	"	"
Chlorobenzene (108-90-7)	U		3.9	"	"	"
Ethylbenzene (100-41-4)	U		3.9	"	"	"
meta-/para-Xylene (na)	U		7.8	"	"	"
ortho-Xylene (95-47-6)	U		3.9	"	"	"
Styrene (100-42-5)	U		3.9	"	"	"
Isopropylbenzene (98-82-8)	U		3.9	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		3.9	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		3.9	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		3.9	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		3.9	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		3.9	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		3.9	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-06 **Station ID: SB26**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.75 g
%Solids: 83.93

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	449		64.0	32-105	10/27/10	10/28/10
Surr: Phenol-d5	489		69.7	39-104	"	"
Surr: 2-Chlorophenol-d4	430		61.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	292		62.4	37-103	"	"
Surr: Nitrobenzene-d5	322		69.0	39-109	"	"
Surr: 2-Fluorobiphenyl	324		69.4	44-107	"	"
Surr: 2,4,6-Tribromophenol	453		64.7	38-126	"	"
Surr: Terphenyl-d14	335		71.8	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		46.7	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		46.7	"	"	"
Acetophenone (98-86-2)	U		46.7	"	"	"
Anthracene (120-12-7)	U		46.7	"	"	"
Atrazine (1912-24-9)	U		46.7	"	"	"
Benzaldehyde (100-52-7)	U		93.4	"	"	"
Benzoic acid (65-85-0)	U		467	"	"	"
Benzo (a) anthracene (56-55-3)	U		46.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		46.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		46.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		46.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		46.7	"	"	"
Benzyl alcohol (100-51-6)	U		46.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		46.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		46.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		46.7	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		46.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		467	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		46.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		467	"	"	"
Carbazole (86-74-8)	U		46.7	"	"	"
Caprolactam (105-60-2)	U		93.4	"	"	"
4-Chloroaniline (106-47-8)	U		46.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		46.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-06 **Station ID: SB26**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.75 g
%Solids: 83.93

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		46.7	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		46.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		46.7	"	"	"
Chrysene (218-01-9)	U		46.7	"	"	"
Dibenzofuran (132-64-9)	U		46.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		46.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		46.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		46.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		46.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		46.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		46.7	"	"	"
Diethyl phthalate (84-66-2)	U		467	"	"	"
2,4-Dimethylphenol (105-67-9)	U		93.4	"	"	"
Dimethyl phthalate (131-11-3)	U		467	"	"	"
2,4-Dinitrophenol (51-28-5)	U		467	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		93.4	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		93.4	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		467	"	"	"
Di-n-butyl phthalate (84-74-2)	U		467	"	"	"
Di-n-octyl phthalate (117-84-0)	U		467	"	"	"
Fluoranthene (206-44-0)	U		46.7	"	"	"
Fluorene (86-73-7)	U		46.7	"	"	"
Hexachlorobenzene (118-74-1)	U		46.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		46.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		467	"	"	"
Hexachloroethane (67-72-1)	U		46.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		46.7	"	"	"
Isophorone (78-59-1)	U		46.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		46.7	"	"	"
2-Methylphenol (95-48-7)	U		46.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		46.7	"	"	"
Naphthalene (91-20-3)	U		46.7	"	"	"
2-Nitroaniline (88-74-4)	U		93.4	"	"	"
3-Nitroaniline (99-09-2)	U		93.4	"	"	"
4-Nitroaniline (100-01-6)	U		93.4	"	"	"
Nitrobenzene (98-95-3)	U		46.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-06 **Station ID: SB26**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.75 g
%Solids: 83.93

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		46.7	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		467	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		46.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		46.7	"	"	"
Pentachlorophenol (87-86-5)	U		93.4	"	"	"
Phenanthrene (85-01-8)	U		46.7	"	"	"
Phenol (108-95-2)	U		46.7	"	"	"
Pyrene (129-00-0)	U		46.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		46.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		46.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		46.7	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010028-06 **Station ID: SB26**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 7.791 g
%Solids: 83.93

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	245,000		95.3	70-130	11/02/10	11/03/10
Surr: 1-Chlorooctadecane	236,000		91.7	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		64,200	1	11/02/10	11/03/10
Oil Range Organics (NA)	U		64,200	"	"	"
Gasoline Range Organics (NA)	U		64,200	"	"	"
TPH (NA)	U		64,200	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-07 **Station ID: SB12**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 5.892 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	45.2		90.5	70-130	10/22/10	10/22/10
Surr: Toluene-d8	48.5		97.0	70-130	"	"
Surr: 4-Bromofluorobenzene	48.4		96.8	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.2	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.2	"	"	"
Vinyl chloride (75-01-4)	U		4.2	"	"	"
Bromomethane (74-83-9)	U		4.2	"	"	"
Chloroethane (75-00-3)	U		4.2	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.2	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.2	"	"	"
Carbon disulfide (75-15-0)	U		4.2	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.2	"	"	"
Acetone (67-64-1)	U		8.5	"	"	"
Methylene chloride (75-09-2)	U		4.2	"	"	"
Methyl acetate (79-20-9)	U		4.2	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.2	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.2	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.2	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.2	"	"	"
2-Butanone (78-93-3)	U		4.2	"	"	"
Chloroform (67-66-3)	U		4.2	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.2	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.2	"	"	"
Cyclohexane (110-82-7)	U		4.2	"	"	"
Carbon tetrachloride (56-23-5)	U		4.2	"	"	"
Benzene (71-43-2)	U		4.2	"	"	"
Trichloroethene (79-01-6)	U		4.2	"	"	"
Methylcyclohexane (108-87-2)	U		4.2	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.2	"	"	"
Bromodichloromethane (75-27-4)	U		4.2	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.2	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.2	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-07 **Station ID: SB12**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 5.892 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.2	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.2	"	"	"
Bromoform (75-25-2)	U		4.2	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.2	"	"	"
Toluene (108-88-3)	U		4.2	"	"	"
Tetrachloroethene (127-18-4)	U		4.2	"	"	"
2-Hexanone (591-78-6)	U		4.2	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.2	"	"	"
Chlorobenzene (108-90-7)	U		4.2	"	"	"
Ethylbenzene (100-41-4)	U		4.2	"	"	"
meta-/para-Xylene (na)	U		8.5	"	"	"
ortho-Xylene (95-47-6)	U		4.2	"	"	"
Styrene (100-42-5)	U		4.2	"	"	"
Isopropylbenzene (98-82-8)	U		4.2	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.2	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.2	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.2	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.2	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.2	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.2	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-07 **Station ID: SB12**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.473 g
%Solids: 89.17

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	366		54.3	32-105	10/27/10	10/28/10
Surr: Phenol-d5	388		57.6	39-104	"	"
Surr: 2-Chlorophenol-d4	346		51.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	227		50.4	37-103	"	"
Surr: Nitrobenzene-d5	245		54.6	39-109	"	"
Surr: 2-Fluorobiphenyl	259		57.6	44-107	"	"
Surr: 2,4,6-Tribromophenol	525		77.9	38-126	"	"
Surr: Terphenyl-d14	323		71.8	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		45.0	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		45.0	"	"	"
Acetophenone (98-86-2)	U		45.0	"	"	"
Anthracene (120-12-7)	U		45.0	"	"	"
Atrazine (1912-24-9)	U		45.0	"	"	"
Benzaldehyde (100-52-7)	U		89.9	"	"	"
Benzoic acid (65-85-0)	U		450	"	"	"
Benzo (a) anthracene (56-55-3)	U		45.0	"	"	"
Benzo (a) pyrene (50-32-8)	U		45.0	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		45.0	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		45.0	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		45.0	"	"	"
Benzyl alcohol (100-51-6)	U		45.0	"	"	"
1,1'-Biphenyl (92-52-4)	U		45.0	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		45.0	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		45.0	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		45.0	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		450	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		45.0	"	"	"
Butyl benzyl phthalate (85-68-7)	U		450	"	"	"
Carbazole (86-74-8)	U		45.0	"	"	"
Caprolactam (105-60-2)	U		89.9	"	"	"
4-Chloroaniline (106-47-8)	U		45.0	"	"	"
2-Chloronaphthalene (91-58-7)	U		45.0	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-07 **Station ID: SB12**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.473 g
%Solids: 89.17

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		45.0	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		45.0	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		45.0	"	"	"
Chrysene (218-01-9)	U		45.0	"	"	"
Dibenzofuran (132-64-9)	U		45.0	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		45.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		45.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		45.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		45.0	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		45.0	"	"	"
2,4-Dichlorophenol (120-83-2)	U		45.0	"	"	"
Diethyl phthalate (84-66-2)	U		450	"	"	"
2,4-Dimethylphenol (105-67-9)	U		89.9	"	"	"
Dimethyl phthalate (131-11-3)	U		450	"	"	"
2,4-Dinitrophenol (51-28-5)	U		450	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		89.9	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		89.9	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		450	"	"	"
Di-n-butyl phthalate (84-74-2)	U		450	"	"	"
Di-n-octyl phthalate (117-84-0)	U		450	"	"	"
Fluoranthene (206-44-0)	U		45.0	"	"	"
Fluorene (86-73-7)	U		45.0	"	"	"
Hexachlorobenzene (118-74-1)	U		45.0	"	"	"
Hexachlorobutadiene (87-68-3)	U		45.0	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		450	"	"	"
Hexachloroethane (67-72-1)	U		45.0	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		45.0	"	"	"
Isophorone (78-59-1)	U		45.0	"	"	"
2-Methylnaphthalene (91-57-6)	U		45.0	"	"	"
2-Methylphenol (95-48-7)	U		45.0	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		45.0	"	"	"
Naphthalene (91-20-3)	U		45.0	"	"	"
2-Nitroaniline (88-74-4)	U		89.9	"	"	"
3-Nitroaniline (99-09-2)	U		89.9	"	"	"
4-Nitroaniline (100-01-6)	U		89.9	"	"	"
Nitrobenzene (98-95-3)	U		45.0	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-07 **Station ID: SB12**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 12.473 g
%Solids: 89.17

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		45.0	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		450	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		45.0	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		45.0	"	"	"
Pentachlorophenol (87-86-5)	U		89.9	"	"	"
Phenanthrene (85-01-8)	U		45.0	"	"	"
Phenol (108-95-2)	U		45.0	"	"	"
Pyrene (129-00-0)	U		45.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		45.0	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		45.0	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		45.0	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010028-07 **Station ID: SB12**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 9.909 g
%Solids: 89.17

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	186,000		91.9	70-130	11/02/10	11/03/10
Surr: 1-Chlorooctadecane	176,000		87.2	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		50,500	1	11/02/10	11/03/10
Oil Range Organics (NA)	U		50,500	"	"	"
Gasoline Range Organics (NA)	U		50,500	"	"	"
TPH (NA)	U		50,500	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-08 **Station ID: SB19**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 5.222 g Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	47.3		94.6	70-130	10/22/10	10/22/10
Surr: Toluene-d8	49.7		99.3	70-130	"	"
Surr: 4-Bromofluorobenzene	48.4		96.9	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		4.8	1	10/22/10	10/22/10
Chloromethane (74-87-3)	U		4.8	"	"	"
Vinyl chloride (75-01-4)	U		4.8	"	"	"
Bromomethane (74-83-9)	U		4.8	"	"	"
Chloroethane (75-00-3)	U		4.8	"	"	"
Trichlorofluoromethane (75-69-4)	U		4.8	"	"	"
1,1-Dichloroethene (75-35-4)	U		4.8	"	"	"
Carbon disulfide (75-15-0)	U		4.8	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		4.8	"	"	"
Acetone (67-64-1)	U		9.6	"	"	"
Methylene chloride (75-09-2)	U		4.8	"	"	"
Methyl acetate (79-20-9)	U		4.8	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		4.8	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		4.8	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		4.8	"	"	"
1,1-Dichloroethane (75-34-3)	U		4.8	"	"	"
2-Butanone (78-93-3)	U		4.8	"	"	"
Chloroform (67-66-3)	U		4.8	"	"	"
1,2-Dichloroethane (107-06-2)	U		4.8	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		4.8	"	"	"
Cyclohexane (110-82-7)	U		4.8	"	"	"
Carbon tetrachloride (56-23-5)	U		4.8	"	"	"
Benzene (71-43-2)	U		4.8	"	"	"
Trichloroethene (79-01-6)	U		4.8	"	"	"
Methylcyclohexane (108-87-2)	U		4.8	"	"	"
1,2-Dichloropropane (78-87-5)	U		4.8	"	"	"
Bromodichloromethane (75-27-4)	U		4.8	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		4.8	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		4.8	"	"	"

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

Volatiles by EPA Method 8260/5035 - GC/MS

Lab ID: 1010028-08 **Station ID: SB19**

Batch: B0J1905 Date Collected: 10/21/10
Sample Type: Solid Sample Weight: 5.222 g Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		4.8	1	10/22/10	10/22/10
Dibromochloromethane (124-48-1)	U		4.8	"	"	"
Bromoform (75-25-2)	U		4.8	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		4.8	"	"	"
Toluene (108-88-3)	U		4.8	"	"	"
Tetrachloroethene (127-18-4)	U		4.8	"	"	"
2-Hexanone (591-78-6)	U		4.8	"	"	"
1,2-Dibromoethane (106-93-4)	U		4.8	"	"	"
Chlorobenzene (108-90-7)	U		4.8	"	"	"
Ethylbenzene (100-41-4)	U		4.8	"	"	"
meta-/para-Xylene (na)	U		9.6	"	"	"
ortho-Xylene (95-47-6)	U		4.8	"	"	"
Styrene (100-42-5)	U		4.8	"	"	"
Isopropylbenzene (98-82-8)	U		4.8	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		4.8	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		4.8	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		4.8	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		4.8	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		4.8	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		4.8	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-08 **Station ID: SB19**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 13.161 g
%Solids: 77.95

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg(dry)	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	390		53.3	32-105	10/27/10	10/28/10
Surr: Phenol-d5	403		55.1	39-104	"	"
Surr: 2-Chlorophenol-d4	370		50.7	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	251		51.4	37-103	"	"
Surr: Nitrobenzene-d5	266		54.6	39-109	"	"
Surr: 2-Fluorobiphenyl	268		55.0	44-107	"	"
Surr: 2,4,6-Tribromophenol	427		58.4	38-126	"	"
Surr: Terphenyl-d14	336		69.0	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		48.7	1	10/27/10	10/28/10
Acenaphthylene (208-96-8)	U		48.7	"	"	"
Acetophenone (98-86-2)	U		48.7	"	"	"
Anthracene (120-12-7)	U		48.7	"	"	"
Atrazine (1912-24-9)	U		48.7	"	"	"
Benzaldehyde (100-52-7)	U		97.5	"	"	"
Benzoic acid (65-85-0)	U		487	"	"	"
Benzo (a) anthracene (56-55-3)	U		48.7	"	"	"
Benzo (a) pyrene (50-32-8)	U		48.7	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		48.7	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		48.7	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		48.7	"	"	"
Benzyl alcohol (100-51-6)	U		48.7	"	"	"
1,1'-Biphenyl (92-52-4)	U		48.7	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		48.7	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		48.7	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		48.7	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		487	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		48.7	"	"	"
Butyl benzyl phthalate (85-68-7)	U		487	"	"	"
Carbazole (86-74-8)	U		48.7	"	"	"
Caprolactam (105-60-2)	U		97.5	"	"	"
4-Chloroaniline (106-47-8)	U		48.7	"	"	"
2-Chloronaphthalene (91-58-7)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-08 **Station ID: SB19**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 13.161 g
%Solids: 77.95

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		48.7	1	10/27/10	10/28/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		48.7	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		48.7	"	"	"
Chrysene (218-01-9)	U		48.7	"	"	"
Dibenzofuran (132-64-9)	U		48.7	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		48.7	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		48.7	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		48.7	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		48.7	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		48.7	"	"	"
2,4-Dichlorophenol (120-83-2)	U		48.7	"	"	"
Diethyl phthalate (84-66-2)	U		487	"	"	"
2,4-Dimethylphenol (105-67-9)	U		97.5	"	"	"
Dimethyl phthalate (131-11-3)	U		487	"	"	"
2,4-Dinitrophenol (51-28-5)	U		487	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		97.5	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		97.5	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		487	"	"	"
Di-n-butyl phthalate (84-74-2)	U		487	"	"	"
Di-n-octyl phthalate (117-84-0)	U		487	"	"	"
Fluoranthene (206-44-0)	U		48.7	"	"	"
Fluorene (86-73-7)	U		48.7	"	"	"
Hexachlorobenzene (118-74-1)	U		48.7	"	"	"
Hexachlorobutadiene (87-68-3)	U		48.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		487	"	"	"
Hexachloroethane (67-72-1)	U		48.7	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		48.7	"	"	"
Isophorone (78-59-1)	U		48.7	"	"	"
2-Methylnaphthalene (91-57-6)	U		48.7	"	"	"
2-Methylphenol (95-48-7)	U		48.7	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		48.7	"	"	"
Naphthalene (91-20-3)	U		48.7	"	"	"
2-Nitroaniline (88-74-4)	U		97.5	"	"	"
3-Nitroaniline (99-09-2)	U		97.5	"	"	"
4-Nitroaniline (100-01-6)	U		97.5	"	"	"
Nitrobenzene (98-95-3)	U		48.7	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010028-08 **Station ID: SB19**

Batch: B0J2605
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 13.161 g
%Solids: 77.95

Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		48.7	1	10/27/10	10/28/10
4-Nitrophenol (100-02-7)	U		487	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		48.7	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		48.7	"	"	"
Pentachlorophenol (87-86-5)	U		97.5	"	"	"
Phenanthrene (85-01-8)	U		48.7	"	"	"
Phenol (108-95-2)	U		48.7	"	"	"
Pyrene (129-00-0)	U		48.7	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		48.7	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		48.7	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		48.7	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010028-08 **Station ID: SB19**

Batch: B0K0203
Sample Type: Solid

Date Collected: 10/21/10
Sample Weight: 9.449 g
%Solids: 77.95

Sample Qualifiers:

Surrogates

Analyte	Result µg/kg	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	196,000		92.7	70-130	11/02/10	11/03/10
Surr: 1-Chlorooctadecane	194,000		91.7	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/kg	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		52,900	1	11/02/10	11/03/10
Oil Range Organics (NA)	U		52,900	"	"	"
Gasoline Range Organics (NA)	U		52,900	"	"	"
TPH (NA)	U		52,900	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-01 **Station ID: MW1**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	58.6		117	81-124	10/26/10	10/26/10
Surr: Toluene-d8	49.9		99.8	86-115	"	"
Surr: 4-Bromofluorobenzene	50.2		100	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	**12.7**		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-01 **Station ID: MW1**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-01 **Station ID: MW1**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1040 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	5.60		77.6	32-105	10/26/10	10/27/10
Surr: Phenol-d5	5.80		80.4	39-104	"	"
Surr: 2-Chlorophenol-d4	5.54		76.8	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	2.99		62.2	37-103	"	"
Surr: Nitrobenzene-d5	4.11		85.4	39-109	"	"
Surr: 2-Fluorobiphenyl	3.83		79.6	44-107	"	"
Surr: 2,4,6-Tribromophenol	6.58		91.2	38-126	"	"
Surr: Terphenyl-d14	4.34		90.2	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**15.5**	**J**	4.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-01 **Station ID: MW1**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1040 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.8	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	**0.5**		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-01 **Station ID: MW1**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1040 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.8	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010029-01 **Station ID: MW1**

Batch: B0J2702 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 32.631 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	21,200		115	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	22,600		123	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,600	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,600	"	"	"
Gasoline Range Organics (NA)	U		4,600	"	"	"
TPH (NA)	U		4,600	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-02 **Station ID: MW5**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	57.7		115	81-124	10/26/10	10/26/10
Surr: Toluene-d8	49.6		99.2	86-115	"	"
Surr: 4-Bromofluorobenzene	49.7		99.4	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-02 **Station ID: MW5**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	**2.6**		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-02 **Station ID: MW5**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1042 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	5.26		73.1	32-105	10/26/10	10/27/10
Surr: Phenol-d5	5.43		75.5	39-104	"	"
Surr: 2-Chlorophenol-d4	5.23		72.7	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	3.11		64.8	37-103	"	"
Surr: Nitrobenzene-d5	3.83		79.8	39-109	"	"
Surr: 2-Fluorobiphenyl	3.74		78.0	44-107	"	"
Surr: 2,4,6-Tribromophenol	6.49		90.1	38-126	"	"
Surr: Terphenyl-d14	4.40		91.6	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**15.1**	**J**	4.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-02 **Station ID: MW5**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1042 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.8	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.6	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-02 **Station ID: MW5**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1042 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.8	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010029-02 **Station ID: MW5**

Batch: B0J2702 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 32.784 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	21,900		120	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	24,100		132 #	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,580	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,580	"	"	"
Gasoline Range Organics (NA)	U		4,580	"	"	"
TPH (NA)	U		4,580	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-03 **Station ID: MW4**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	56.4		113	81-124	10/26/10	10/26/10
Surr: Toluene-d8	46.9		93.8	86-115	"	"
Surr: 4-Bromofluorobenzene	46.7		93.3	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	**10.0**	**B**	10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-03 **Station ID: MW4**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-03 **Station ID: MW4**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1049 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	5.02		70.3	32-105	10/26/10	10/27/10
Surr: Phenol-d5	5.20		72.7	39-104	"	"
Surr: 2-Chlorophenol-d4	5.02		70.3	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	2.86		60.0	37-103	"	"
Surr: Nitrobenzene-d5	3.74		78.4	39-109	"	"
Surr: 2-Fluorobiphenyl	3.43		72.0	44-107	"	"
Surr: 2,4,6-Tribromophenol	6.40		89.5	38-126	"	"
Surr: Terphenyl-d14	4.59		96.4	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**13.3**	**J**	4.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-03 **Station ID: MW4**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1049 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.8	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.5	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-03 **Station ID: MW4**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1049 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.8	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010029-03 **Station ID: MW4**

Batch: B0J2702 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 31.886 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	21,500		114	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	23,200		123	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,700	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,700	"	"	"
Gasoline Range Organics (NA)	U		4,700	"	"	"
TPH (NA)	U		4,700	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-04 **Station ID: MW7**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	55.6		111	81-124	10/26/10	10/26/10
Surr: Toluene-d8	49.3		98.6	86-115	"	"
Surr: 4-Bromofluorobenzene	48.9		97.7	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	**19.2**	**B**	10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-04 **Station ID: MW7**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-04 **Station ID: MW7**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1036 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	5.35		73.9	32-105	10/26/10	10/27/10
Surr: Phenol-d5	5.55		76.7	39-104	"	"
Surr: 2-Chlorophenol-d4	5.27		72.8	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	2.99		62.0	37-103	"	"
Surr: Nitrobenzene-d5	3.90		80.8	39-109	"	"
Surr: 2-Fluorobiphenyl	3.71		76.8	44-107	"	"
Surr: 2,4,6-Tribromophenol	6.10		84.3	38-126	"	"
Surr: Terphenyl-d14	4.33		89.8	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**5.5**	**J**	4.8	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.8	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.8	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-04 **Station ID: MW7**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1036 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.8	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.8	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.8	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.8	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.7	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.8	"	"	"
Hexachloroethane (67-72-1)	U		4.8	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	U		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-04 **Station ID: MW7**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1036 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.8	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010029-04 **Station ID: MW7**

Batch: B0J2702 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 31.727 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	21,800		115	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	23,100		122	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,730	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,730	"	"	"
Gasoline Range Organics (NA)	U		4,730	"	"	"
TPH (NA)	U		4,730	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-05 **Station ID: MW8**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	56.3		113	81-124	10/26/10	10/26/10
Surr: Toluene-d8	47.5		94.9	86-115	"	"
Surr: 4-Bromofluorobenzene	49.2		98.3	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	**35.1**		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-05 **Station ID: MW8**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	**4.8**		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-05 **Station ID: MW8**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1015 ml Sample Qualifiers: **A**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 2-Fluorophenol	5.59		75.6	32-105	10/26/10	10/27/10
Surr: Phenol-d5	5.67		76.8	39-104	"	"
Surr: 2-Chlorophenol-d4	5.38		72.8	38-105	"	"
Surr: 1,2-Dichlorobenzene-d4	3.32		67.4	37-103	"	"
Surr: Nitrobenzene-d5	4.24		86.0	39-109	"	"
Surr: 2-Fluorobiphenyl	3.83		77.8	44-107	"	"
Surr: 2,4,6-Tribromophenol	7.25		98.1	38-126	"	"
Surr: Terphenyl-d14	4.80		97.4	56-127	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Acenaphthene (83-32-9)	U		0.5	1	10/26/10	10/27/10
Acenaphthylene (208-96-8)	U		0.5	"	"	"
Acetophenone (98-86-2)	U		0.5	"	"	"
Anthracene (120-12-7)	U		0.5	"	"	"
Atrazine (1912-24-9)	U		0.5	"	"	"
Benzaldehyde (100-52-7)	U		1.0	"	"	"
Benzoic acid (65-85-0)	**19.7**	**J**	4.9	"	"	"
Benzo (a) anthracene (56-55-3)	U		0.5	"	"	"
Benzo (a) pyrene (50-32-8)	U		0.5	"	"	"
Benzo (b) fluoranthene (205-99-2)	U		0.5	"	"	"
Benzo (g,h,i) perylene (191-24-2)	U		0.5	"	"	"
Benzo (k) fluoranthene (207-08-9)	U		0.5	"	"	"
Benzyl alcohol (100-51-6)	U		0.5	"	"	"
1,1'-Biphenyl (92-52-4)	U		0.5	"	"	"
Bis(2-chloroethoxy)methane (111-91-1)	U		0.5	"	"	"
Bis(2-chloroethyl)ether (111-44-4)	U		0.5	"	"	"
Bis(2-chloroisopropyl)ether (108-60-1)	U		0.5	"	"	"
Bis(2-ethylhexyl)phthalate (117-81-7)	U		4.9	"	"	"
4-Bromophenyl phenyl ether (101-55-3)	U		0.5	"	"	"
Butyl benzyl phthalate (85-68-7)	U		4.9	"	"	"
Carbazole (86-74-8)	U		0.5	"	"	"
Caprolactam (105-60-2)	U		1.0	"	"	"
4-Chloroaniline (106-47-8)	U		0.5	"	"	"
2-Chloronaphthalene (91-58-7)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-05 **Station ID: MW8**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1015 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Chlorophenol (95-57-8)	U		0.5	1	10/26/10	10/27/10
4-Chlorophenyl phenyl ether (7005-72-3)	U		0.5	"	"	"
4-Chloro-3-methylphenol (59-50-7)	U		0.5	"	"	"
Chrysene (218-01-9)	U		0.5	"	"	"
Dibenzofuran (132-64-9)	U		0.5	"	"	"
Dibenz (a,h) anthracene (53-70-3)	U		0.5	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		0.5	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		0.5	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		0.5	"	"	"
3,3´-Dichlorobenzidine (91-94-1)	U		0.5	"	"	"
2,4-Dichlorophenol (120-83-2)	U		0.5	"	"	"
Diethyl phthalate (84-66-2)	U		4.9	"	"	"
2,4-Dimethylphenol (105-67-9)	U		1.0	"	"	"
Dimethyl phthalate (131-11-3)	U		4.9	"	"	"
2,4-Dinitrophenol (51-28-5)	U		4.9	"	"	"
2,4-Dinitrotoluene (121-14-2)	U		1.0	"	"	"
2,6-Dinitrotoluene (606-20-2)	U		1.0	"	"	"
4,6-Dinitro-2-methylphenol (534-52-1)	U		4.9	"	"	"
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		0.5	"	"	"
Fluorene (86-73-7)	U		0.5	"	"	"
Hexachlorobenzene (118-74-1)	U		0.5	"	"	"
Hexachlorobutadiene (87-68-3)	U	RL	9.9	"	"	"
Hexachlorocyclopentadiene (77-47-4)	U		4.9	"	"	"
Hexachloroethane (67-72-1)	U		4.9	"	"	"
Indeno (1,2,3-cd) pyrene (193-39-5)	U		0.5	"	"	"
Isophorone (78-59-1)	U		0.5	"	"	"
2-Methylnaphthalene (91-57-6)	**0.7**		0.5	"	"	"
2-Methylphenol (95-48-7)	U		0.5	"	"	"
3 &/or 4-Methylphenol (106-44-5)	U		0.5	"	"	"
Naphthalene (91-20-3)	U		0.5	"	"	"
2-Nitroaniline (88-74-4)	U		1.0	"	"	"
3-Nitroaniline (99-09-2)	U		1.0	"	"	"
4-Nitroaniline (100-01-6)	U		1.0	"	"	"
Nitrobenzene (98-95-3)	U		0.5	"	"	"

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level)

Lab ID: 1010029-05 **Station ID: MW8**

Batch: B0J2505 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 1015 ml Sample Qualifiers: **A**

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
2-Nitrophenol (88-75-5)	U		0.5	1	10/26/10	10/27/10
4-Nitrophenol (100-02-7)	U		4.9	"	"	"
N-Nitrosodiphenylamine (86-30-6)	U		0.5	"	"	"
N-Nitrosodi-n-propylamine (621-64-7)	U		0.5	"	"	"
Pentachlorophenol (87-86-5)	U		1.0	"	"	"
Phenanthrene (85-01-8)	U		0.5	"	"	"
Phenol (108-95-2)	U		0.5	"	"	"
Pyrene (129-00-0)	U		0.5	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		0.5	"	"	"
2,4,5-Trichlorophenol (95-95-4)	U		0.5	"	"	"
2,4,6-Trichlorophenol (88-06-2)	U		0.5	"	"	"

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

TPH by Texas Method 1005 (GC-FID)

Lab ID: 1010029-05 **Station ID: MW8**

Batch: B0J2702 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 31.464 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1-Chlorooctane	24,100		126	70-130	10/27/10	10/27/10
Surr: 1-Chlorooctadecane	26,900		141 #	70-130	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Diesel Range Organics (068334-30-5)	U		4,770	1	10/27/10	10/27/10
Oil Range Organics (NA)	U		4,770	"	"	"
Gasoline Range Organics (NA)	U		4,770	"	"	"
TPH (NA)	U		4,770	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-06 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: 1,2-Dichloroethane-d4	54.9		110	81-124	10/26/10	10/26/10
Surr: Toluene-d8	49.6		99.2	86-115	"	"
Surr: 4-Bromofluorobenzene	49.6		99.3	76-115	"	"

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dichlorodifluoromethane (75-71-8)	U		5.0	1	10/26/10	10/26/10
Chloromethane (74-87-3)	U		5.0	"	"	"
Vinyl chloride (75-01-4)	U		2.0	"	"	"
Bromomethane (74-83-9)	U		5.0	"	"	"
Chloroethane (75-00-3)	U		2.0	"	"	"
Trichlorofluoromethane (75-69-4)	U		2.0	"	"	"
1,1-Dichloroethene (75-35-4)	U		2.0	"	"	"
Carbon disulfide (75-15-0)	U		2.0	"	"	"
1,1,2-Trichloro-1,2,2-trifluoroethane (76-13-1)	U		2.0	"	"	"
Acetone (67-64-1)	U		10.0	"	"	"
Methylene chloride (75-09-2)	U		2.0	"	"	"
Methyl acetate (79-20-9)	U		2.0	"	"	"
trans-1,2-Dichloroethene (156-60-5)	U		2.0	"	"	"
cis-1,2-Dichloroethene (156-59-2)	U		2.0	"	"	"
Methyl tert-butyl ether (1634-04-4)	U		2.0	"	"	"
1,1-Dichloroethane (75-34-3)	U		2.0	"	"	"
2-Butanone (78-93-3)	U		5.0	"	"	"
Chloroform (67-66-3)	U		2.0	"	"	"
1,2-Dichloroethane (107-06-2)	U		2.0	"	"	"
1,1,1-Trichloroethane (71-55-6)	U		2.0	"	"	"
Cyclohexane (110-82-7)	U		2.0	"	"	"
Carbon tetrachloride (56-23-5)	U		2.0	"	"	"
Benzene (71-43-2)	U		2.0	"	"	"
Trichloroethene (79-01-6)	U		2.0	"	"	"
Methylcyclohexane (108-87-2)	U		2.0	"	"	"
1,2-Dichloropropane (78-87-5)	U		2.0	"	"	"
Bromodichloromethane (75-27-4)	U		2.0	"	"	"
cis-1,3-Dichloropropene (10061-01-5)	U		2.0	"	"	"
trans-1,3-Dichloropropene (10061-02-6)	U		2.0	"	"	"

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

Volatiles by EPA Method 8260 - GC/MS

Lab ID: 1010029-06 **Station ID: Trip Blank**

Batch: B0J1906 Date Collected: 10/22/10
Sample Type: Liquid Sample Volume: 5 ml Sample Qualifiers:

Targets (Continued)

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
1,1,2-Trichloroethane (79-00-5)	U		2.0	1	10/26/10	10/26/10
Dibromochloromethane (124-48-1)	U		2.0	"	"	"
Bromoform (75-25-2)	U		2.0	"	"	"
4-Methyl-2-pentanone (108-10-1)	U		5.0	"	"	"
Toluene (108-88-3)	U		2.0	"	"	"
Tetrachloroethene (127-18-4)	U		2.0	"	"	"
2-Hexanone (591-78-6)	U		5.0	"	"	"
1,2-Dibromoethane (106-93-4)	U		2.0	"	"	"
Chlorobenzene (108-90-7)	U		2.0	"	"	"
Ethylbenzene (100-41-4)	U		2.0	"	"	"
meta-/para-Xylene (na)	U		4.0	"	"	"
ortho-Xylene (95-47-6)	U		2.0	"	"	"
Styrene (100-42-5)	U		2.0	"	"	"
Isopropylbenzene (98-82-8)	U		2.0	"	"	"
1,1,2,2-Tetrachloroethane (79-34-5)	U		2.0	"	"	"
1,3-Dichlorobenzene (541-73-1)	U		2.0	"	"	"
1,4-Dichlorobenzene (106-46-7)	U		2.0	"	"	"
1,2-Dichlorobenzene (95-50-1)	U		2.0	"	"	"
1,2-Dibromo-3-chloropropane (96-12-8)	U		5.0	"	"	"
1,2,4-Trichlorobenzene (120-82-1)	U		5.0	"	"	"

This sample was received at pH 2.
Vinyl Chloride and Styrene may be biased low.

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

Percent Solids - Quality Control

Duplicate (B0J2501-DUP1)

Source: 1010010-03 Prepared: 10/19/2010 Analyzed: 10/20/2010

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	80.39					1.79	20

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

Percent Solids - Quality Control

Duplicate (B0J2502-DUP1)

Source: 1010016-05 Prepared: 10/20/2010 Analyzed: 10/21/2010

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	86.65					1.38	20

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

Percent Solids - Quality Control

Duplicate (B0J2503-DUP1)

Source: 1010023-06 Prepared: 10/25/2010 Analyzed: 10/26/2010

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	79.12					0.57	20

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

Percent Solids - Quality Control

Duplicate (B0J2504-DUP1)

Source: 1010028-08 Prepared: 10/25/2010 Analyzed: 10/26/2010

Targets

ANALYTE	Result %	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	RPD	RPD Limit
% Solids	78.35					0.51	20

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Blank (B0J1906-BLK1)
Prepared: 10/26/2010 Analyzed: 10/26/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	52.1		50.0	104	81-124
Surr: Toluene-d8	48.2		50.0	96.3	86-115
Surr: 4-Bromofluorobenzene	48.8		50.0	97.6	76-115

Blank (B0J1906-BLK1)
Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		5.0
Chloromethane	U		5.0
Vinyl chloride	U		2.0
Bromomethane	U		5.0
Chloroethane	U		2.0
Trichlorofluoromethane	U		2.0
1,1-Dichloroethene	U		2.0
Carbon disulfide	U		2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	U		2.0
Acetone	U		10.0
Methylene chloride	U		2.0
Methyl acetate	U		2.0
trans-1,2-Dichloroethene	U		2.0
cis-1,2-Dichloroethene	U		2.0
Methyl tert-butyl ether	U		2.0
1,1-Dichloroethane	U		2.0
2-Butanone	U		5.0
Chloroform	U		2.0

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Blank (B0J1906-BLK1)

Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
1,2-Dichloroethane	U		2.0
1,1,1-Trichloroethane	U		2.0
Cyclohexane	U		2.0
Carbon tetrachloride	U		2.0
Benzene	U		2.0
Trichloroethene	U		2.0
Methylcyclohexane	U		2.0
1,2-Dichloropropane	U		2.0
Bromodichloromethane	U		2.0
cis-1,3-Dichloropropene	U		2.0
trans-1,3-Dichloropropene	U		2.0
1,1,2-Trichloroethane	U		2.0
Dibromochloromethane	U		2.0
Bromoform	U		2.0
4-Methyl-2-pentanone	U		5.0
Toluene	U		2.0
Tetrachloroethene	U		2.0
2-Hexanone	U		5.0
1,2-Dibromoethane	U		2.0
Chlorobenzene	U		2.0
Ethylbenzene	U		2.0
meta-/para-Xylene	U		4.0
ortho-Xylene	U		2.0
Styrene	U		2.0
Isopropylbenzene	U		2.0
1,1,2,2-Tetrachloroethane	U		2.0
1,3-Dichlorobenzene	U		2.0

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Blank (B0J1906-BLK1)
Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
1,4-Dichlorobenzene	U		2.0
1,2-Dichlorobenzene	U		2.0
1,2-Dibromo-3-chloropropane	U		5.0
1,2,4-Trichlorobenzene	U		5.0

LCS (B0J1906-BS1)
Prepared: 10/26/2010 Analyzed: 10/26/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	51.8		50.0	104	81-124
Surr: Toluene-d8	48.6		50.0	97.2	86-115
Surr: 4-Bromofluorobenzene	49.4		50.0	98.7	76-115

LCS (B0J1906-BS1)
Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	44.2		5.0	50.0	88.3	64-176
Chloromethane	50.9		5.0	50.0	102	70-168
Vinyl chloride	54.4		2.0	50.0	109	69-153
Bromomethane	46.1		5.0	50.0	92.2	73-155
Chloroethane	55.5		2.0	50.0	111	68-137
Trichlorofluoromethane	62.7		2.0	50.0	125	74-137
1,1-Dichloroethene	55.7		2.0	50.0	111	71-142
Carbon disulfide	49.3		2.0	50.0	98.7	58-155

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

LCS (B0J1906-BS1)

Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	61.4		2.0	50.0	123	85-142
Acetone	41.4		10.0	50.0	82.8	46-159
Methylene chloride	51.5		2.0	50.0	103	75-126
Methyl acetate	47.2		2.0	50.0	94.4	70-137
trans-1,2-Dichloroethene	50.4		2.0	50.0	101	73-127
cis-1,2-Dichloroethene	48.5		2.0	50.0	96.9	83-121
Methyl tert-butyl ether	47.0		2.0	50.0	94.0	82-124
1,1-Dichloroethane	56.1		2.0	50.0	112	81-123
2-Butanone	43.4		5.0	50.0	86.7	57-153
Chloroform	54.1		2.0	50.0	108	83-119
1,2-Dichloroethane	53.8		2.0	50.0	108	81-120
1,1,1-Trichloroethane	57.5		2.0	50.0	115	82-124
Cyclohexane	76.6		2.0	50.0	153	# 77-141
Carbon tetrachloride	63.9		2.0	50.0	128	# 81-124
Benzene	50.9		2.0	50.0	102	80-122
Trichloroethene	51.7		2.0	50.0	103	79-121
Methylcyclohexane	65.5		2.0	50.0	131	# 86-126
1,2-Dichloropropane	56.0		2.0	50.0	112	82-119
Bromodichloromethane	56.5		2.0	50.0	113	82-118
cis-1,3-Dichloropropene	51.5		2.0	50.0	103	78-120
trans-1,3-Dichloropropene	48.7		2.0	50.0	97.4	75-123
1,1,2-Trichloroethane	52.7		2.0	50.0	105	81-116
Dibromochloromethane	55.6		2.0	50.0	111	79-112
Bromoform	56.9		2.0	50.0	114	76-120
4-Methyl-2-pentanone	52.8		5.0	50.0	106	79-130
Toluene	49.3		2.0	50.0	98.6	81-122

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

LCS (B0J1906-BS1)

Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Tetrachloroethene	51.8		2.0	50.0	104	81-120
2-Hexanone	52.8		5.0	50.0	106	69-138
1,2-Dibromoethane	47.2		2.0	50.0	94.5	81-117
Chlorobenzene	48.6		2.0	50.0	97.3	82-119
Ethylbenzene	49.2		2.0	50.0	98.4	79-126
meta-/para-Xylene	98.2		4.0	100	98.2	73-131
ortho-Xylene	49.5		2.0	50.0	99.1	79-124
Styrene	48.4		2.0	50.0	96.9	65-126
Isopropylbenzene	49.3		2.0	50.0	98.6	82-128
1,1,2,2-Tetrachloroethane	49.8		2.0	50.0	99.6	81-117
1,3-Dichlorobenzene	45.6		2.0	50.0	91.2	82-119
1,4-Dichlorobenzene	46.7		2.0	50.0	93.4	82-120
1,2-Dichlorobenzene	45.5		2.0	50.0	91.0	81-117
1,2-Dibromo-3-chloropropane	49.9		5.0	50.0	99.7	74-122
1,2,4-Trichlorobenzene	48.5		5.0	50.0	96.9	78-119

Matrix Spike (B0J1906-MS1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	57.5		50.0	115	81-124
Surr: Toluene-d8	49.1		50.0	98.2	86-115
Surr: 4-Bromofluorobenzene	49.4		50.0	98.7	76-115

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Matrix Spike (B0J1906-MS1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dichlorodifluoromethane	31.2		5.0	50.0		62.3	50-150
Chloromethane	51.5		5.0	50.0		103	50-150
Vinyl chloride	53.9		2.0	50.0		108	70-130
Bromomethane	45.2		5.0	50.0		90.5	50-150
Chloroethane	57.1		2.0	50.0		114	70-130
Trichlorofluoromethane	54.4		2.0	50.0		109	70-130
1,1-Dichloroethene	54.8		2.0	50.0		110	61-145
Carbon disulfide	48.5		2.0	50.0		96.9	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane	47.3		2.0	50.0		94.6	70-130
Acetone	45.5		10.0	50.0	3.2	84.5	50-150
Methylene chloride	55.0		2.0	50.0		110	70-130
Methyl acetate	51.0		2.0	50.0		102	70-130
trans-1,2-Dichloroethene	51.8		2.0	50.0		104	70-130
cis-1,2-Dichloroethene	51.5		2.0	50.0		103	70-130
Methyl tert-butyl ether	52.0		2.0	50.0		104	70-130
1,1-Dichloroethane	59.3		2.0	50.0		119	70-130
2-Butanone	48.4		5.0	50.0		96.9	50-150
Chloroform	58.2		2.0	50.0		116	70-130
1,2-Dichloroethane	57.2		2.0	50.0		114	70-130
1,1,1-Trichloroethane	60.6		2.0	50.0		121	70-130
Cyclohexane	65.3		2.0	50.0		131 #	70-130
Carbon tetrachloride	64.2		2.0	50.0		128	70-130
Benzene	54.3		2.0	50.0		109	76-127
Trichloroethene	55.5		2.0	50.0		111	71-120
Methylcyclohexane	55.1		2.0	50.0		110	70-130
1,2-Dichloropropane	61.2		2.0	50.0		122	70-130

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Matrix Spike (B0J1906-MS1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Bromodichloromethane	60.2		2.0	50.0		120	70-130
cis-1,3-Dichloropropene	54.2		2.0	50.0		108	70-130
trans-1,3-Dichloropropene	50.9		2.0	50.0		102	70-130
1,1,2-Trichloroethane	58.0		2.0	50.0		116	70-130
Dibromochloromethane	59.2		2.0	50.0		118	70-130
Bromoform	60.0		2.0	50.0		120	70-130
4-Methyl-2-pentanone	63.0		5.0	50.0		126	70-130
Toluene	48.6		2.0	50.0		97.3	76-125
Tetrachloroethene	51.0		2.0	50.0		102	70-130
2-Hexanone	64.4		5.0	50.0		129	70-130
1,2-Dibromoethane	48.2		2.0	50.0		96.4	70-130
Chlorobenzene	47.8		2.0	50.0		95.6	75-130
Ethylbenzene	48.1		2.0	50.0		96.2	70-130
meta-/para-Xylene	95.8		4.0	100		95.8	70-130
ortho-Xylene	47.8		2.0	50.0		95.5	70-130
Styrene	29.2		2.0	50.0		58.4 #	70-130
Isopropylbenzene	47.6		2.0	50.0		95.1	70-130
1,1,2,2-Tetrachloroethane	52.2		2.0	50.0		104	70-130
1,3-Dichlorobenzene	45.0		2.0	50.0		90.1	70-130
1,4-Dichlorobenzene	45.6		2.0	50.0		91.2	70-130
1,2-Dichlorobenzene	45.5		2.0	50.0		90.9	70-130
1,2-Dibromo-3-chloropropane	52.0		5.0	50.0		104	50-150
1,2,4-Trichlorobenzene	47.1		5.0	50.0		94.2	70-130

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Matrix Spike Dup (B0J1906-MSD1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	56.5		50.0	113	81-124
Surr: Toluene-d8	49.6		50.0	99.1	86-115
Surr: 4-Bromofluorobenzene	49.3		50.0	98.6	76-115

Matrix Spike Dup (B0J1906-MSD1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	38.5		5.0	50.0		77.0	50-150	21.1 #	20
Chloromethane	52.6		5.0	50.0		105	50-150	2.19	20
Vinyl chloride	56.6		2.0	50.0		113	70-130	4.83	20
Bromomethane	45.6		5.0	50.0		91.1	50-150	0.73	20
Chloroethane	58.9		2.0	50.0		118	70-130	3.07	20
Trichlorofluoromethane	61.4		2.0	50.0		123	70-130	12.2	20
1,1-Dichloroethene	58.3		2.0	50.0		117	61-145	6.14	14
Carbon disulfide	52.0		2.0	50.0		104	70-130	7.01	20
1,1,2-Trichloro-1,2,2-trifluoroethane	56.8		2.0	50.0		114	70-130	18.1	20
Acetone	46.9		10.0	50.0	3.2	87.3	50-150	3.03	20
Methylene chloride	53.7		2.0	50.0		107	70-130	2.41	20
Methyl acetate	50.4		2.0	50.0		101	70-130	1.30	20
trans-1,2-Dichloroethene	53.2		2.0	50.0		106	70-130	2.65	20
cis-1,2-Dichloroethene	51.7		2.0	50.0		103	70-130	0.33	20
Methyl tert-butyl ether	51.4		2.0	50.0		103	70-130	1.20	20
1,1-Dichloroethane	59.7		2.0	50.0		119	70-130	0.60	20
2-Butanone	48.5		5.0	50.0		97.0	50-150	0.10	20
Chloroform	58.3		2.0	50.0		117	70-130	0.17	20

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Matrix Spike Dup (B0J1906-MSD1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
1,2-Dichloroethane	58.0		2.0	50.0		116		70-130	1.27	20
1,1,1-Trichloroethane	62.4		2.0	50.0		125		70-130	3.04	20
Cyclohexane	73.6		2.0	50.0		147	#	70-130	11.9	20
Carbon tetrachloride	67.5		2.0	50.0		135	#	70-130	5.04	20
Benzene	55.8		2.0	50.0		112		76-127	2.60	11
Trichloroethene	58.0		2.0	50.0		116		71-120	4.55	14
Methylcyclohexane	62.4		2.0	50.0		125		70-130	12.4	20
1,2-Dichloropropane	60.6		2.0	50.0		121		70-130	1.03	20
Bromodichloromethane	61.2		2.0	50.0		122		70-130	1.78	20
cis-1,3-Dichloropropene	54.6		2.0	50.0		109		70-130	0.68	20
trans-1,3-Dichloropropene	51.1		2.0	50.0		102		70-130	0.49	20
1,1,2-Trichloroethane	58.4		2.0	50.0		117		70-130	0.77	20
Dibromochloromethane	59.8		2.0	50.0		120		70-130	1.04	20
Bromoform	61.7		2.0	50.0		123		70-130	2.88	20
4-Methyl-2-pentanone	66.6		5.0	50.0		133	#	70-130	5.51	20
Toluene	50.5		2.0	50.0		101		76-125	3.67	13
Tetrachloroethene	54.7		2.0	50.0		109		70-130	6.98	20
2-Hexanone	67.9		5.0	50.0		136	#	70-130	5.43	20
1,2-Dibromoethane	48.6		2.0	50.0		97.3		70-130	0.93	20
Chlorobenzene	49.6		2.0	50.0		99.2		75-130	3.72	13
Ethylbenzene	50.0		2.0	50.0		99.9		70-130	3.83	20
meta-/para-Xylene	99.0		4.0	100		99.0		70-130	3.29	20
ortho-Xylene	49.8		2.0	50.0		99.6		70-130	4.20	20
Styrene	35.4		2.0	50.0		70.8		70-130	19.2	20
Isopropylbenzene	50.0		2.0	50.0		99.9		70-130	4.88	20
1,1,2,2-Tetrachloroethane	52.6		2.0	50.0		105		70-130	0.78	20
1,3-Dichlorobenzene	46.4		2.0	50.0		92.7		70-130	2.87	20

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

Volatiles by EPA Method 8260 - GC/MS - Quality Control

Batch: B0J1906 **Sample Type: Liquid**

Matrix Spike Dup (B0J1906-MSD1)

Source: 1010028-02 Prepared: 10/26/2010 Analyzed: 10/26/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dichlorobenzene	47.2		2.0	50.0		94.4	70-130	3.49	20
1,2-Dichlorobenzene	46.2		2.0	50.0		92.3	70-130	1.51	20
1,2-Dibromo-3-chloropropane	54.0		5.0	50.0		108	50-150	3.66	20
1,2,4-Trichlorobenzene	48.6		5.0	50.0		97.1	70-130	3.12	20

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Blank (B0J1905-BLK1)
Prepared: 10/21/2010 Analyzed: 10/21/2010

Surrogates

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	48.1		50.0	96.2	70-130
Surr: Toluene-d8	49.9		50.0	99.8	70-130
Surr: 4-Bromofluorobenzene	50.0		50.0	100	70-130

Blank (B0J1905-BLK1)
Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		5.0
Chloromethane	U		5.0
Vinyl chloride	U		5.0
Bromomethane	U		5.0
Chloroethane	U		5.0
Trichlorofluoromethane	U		5.0
1,1-Dichloroethene	U		5.0
Carbon disulfide	U		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	U		5.0
Acetone	U		10.0
Methylene chloride	U		5.0
Methyl acetate	U		5.0
trans-1,2-Dichloroethene	U		5.0
cis-1,2-Dichloroethene	U		5.0
Methyl tert-butyl ether	U		5.0
1,1-Dichloroethane	U		5.0
2-Butanone	7.2		5.0
Chloroform	U		5.0

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Blank (B0J1905-BLK1)

Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
1,2-Dichloroethane	U		5.0
1,1,1-Trichloroethane	U		5.0
Cyclohexane	U		5.0
Carbon tetrachloride	U		5.0
Benzene	U		5.0
Trichloroethene	U		5.0
Methylcyclohexane	U		5.0
1,2-Dichloropropane	U		5.0
Bromodichloromethane	U		5.0
cis-1,3-Dichloropropene	U		5.0
trans-1,3-Dichloropropene	U		5.0
1,1,2-Trichloroethane	U		5.0
Dibromochloromethane	U		5.0
Bromoform	U		5.0
4-Methyl-2-pentanone	U		5.0
Toluene	U		5.0
Tetrachloroethene	U		5.0
2-Hexanone	U		5.0
1,2-Dibromoethane	U		5.0
Chlorobenzene	U		5.0
Ethylbenzene	U		5.0
meta-/para-Xylene	U		10.0
ortho-Xylene	U		5.0
Styrene	U		5.0
Isopropylbenzene	U		5.0
1,1,2,2-Tetrachloroethane	U		5.0
1,3-Dichlorobenzene	U		5.0

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Blank (B0J1905-BLK1)
Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
1,4-Dichlorobenzene	U		5.0
1,2-Dichlorobenzene	U		5.0
1,2-Dibromo-3-chloropropane	U		5.0
1,2,4-Trichlorobenzene	U		5.0

Blank (B0J1905-BLK2)
Prepared: 10/22/2010 Analyzed: 10/22/2010

Surrogates

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	51.2		50.0	102	70-130
Surr: Toluene-d8	51.1		50.0	102	70-130
Surr: 4-Bromofluorobenzene	51.5		50.0	103	70-130

Blank (B0J1905-BLK2)
Prepared: 10/22/2010 Analyzed: 10/22/2010

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
Dichlorodifluoromethane	U		5.0
Chloromethane	U		5.0
Vinyl chloride	U		5.0
Bromomethane	U		5.0
Chloroethane	U		5.0
Trichlorofluoromethane	U		5.0
1,1-Dichloroethene	U		5.0
Carbon disulfide	U		5.0

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Blank (B0J1905-BLK2)

Prepared: 10/22/2010 Analyzed: 10/22/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	U		5.0
Acetone	10.3		10.0
Methylene chloride	U		5.0
Methyl acetate	U		5.0
trans-1,2-Dichloroethene	U		5.0
cis-1,2-Dichloroethene	U		5.0
Methyl tert-butyl ether	U		5.0
1,1-Dichloroethane	U		5.0
2-Butanone	7.3		5.0
Chloroform	U		5.0
1,2-Dichloroethane	U		5.0
1,1,1-Trichloroethane	U		5.0
Cyclohexane	U		5.0
Carbon tetrachloride	U		5.0
Benzene	U		5.0
Trichloroethene	U		5.0
Methylcyclohexane	U		5.0
1,2-Dichloropropane	U		5.0
Bromodichloromethane	U		5.0
cis-1,3-Dichloropropene	U		5.0
trans-1,3-Dichloropropene	U		5.0
1,1,2-Trichloroethane	U		5.0
Dibromochloromethane	U		5.0
Bromoform	U		5.0
4-Methyl-2-pentanone	U		5.0
Toluene	U		5.0

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Blank (B0J1905-BLK2)

Prepared: 10/22/2010 Analyzed: 10/22/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit
Tetrachloroethene	U		5.0
2-Hexanone	U		5.0
1,2-Dibromoethane	U		5.0
Chlorobenzene	U		5.0
Ethylbenzene	U		5.0
meta-/para-Xylene	U		10.0
ortho-Xylene	U		5.0
Styrene	U		5.0
Isopropylbenzene	U		5.0
1,1,2,2-Tetrachloroethane	U		5.0
1,3-Dichlorobenzene	U		5.0
1,4-Dichlorobenzene	U		5.0
1,2-Dichlorobenzene	U		5.0
1,2-Dibromo-3-chloropropane	U		5.0
1,2,4-Trichlorobenzene	U		5.0

Tentatively Identified Compounds

Compound (CAS)	Result µg/kg	Analyte Qualifiers	Retention Time	Dilution

No TICs present in this sample.

LCS (B0J1905-BS1)

Prepared: 10/21/2010 Analyzed: 10/21/2010

Surrogates

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	48.7		50.0	97.5	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

LCS (B0J1905-BS1)
Prepared: 10/21/2010 Analyzed: 10/21/2010

Surrogates (Continued)

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: Toluene-d8	50.1		50.0	100	70-130
Surr: 4-Bromofluorobenzene	50.3		50.0	101	70-130

LCS (B0J1905-BS1)
Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	26.7		5.0	50.0	53.4 #	70-130
Chloromethane	34.6		5.0	50.0	69.3 #	70-130
Vinyl chloride	37.7		5.0	50.0	75.5	70-130
Bromomethane	41.0		5.0	50.0	82.1	70-130
Chloroethane	43.1		5.0	50.0	86.3	70-130
Trichlorofluoromethane	43.3		5.0	50.0	86.6	70-130
1,1-Dichloroethene	47.8		5.0	50.0	95.7	70-130
Carbon disulfide	42.0		5.0	50.0	84.1	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane	47.6		5.0	50.0	95.2	70-130
Acetone	47.0		10.0	50.0	94.1	70-130
Methylene chloride	51.7		5.0	50.0	103	70-130
Methyl acetate	47.6		5.0	50.0	95.2	70-130
trans-1,2-Dichloroethene	47.0		5.0	50.0	94.1	70-130
cis-1,2-Dichloroethene	48.1		5.0	50.0	96.2	70-130
Methyl tert-butyl ether	48.4		5.0	50.0	96.9	70-130
1,1-Dichloroethane	51.3		5.0	50.0	103	70-130
2-Butanone	77.2		5.0	50.0	155 #	70-130
Chloroform	51.7		5.0	50.0	104	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

LCS (B0J1905-BS1)

Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,2-Dichloroethane	50.2		5.0	50.0	100	70-130
1,1,1-Trichloroethane	50.2		5.0	50.0	101	70-130
Cyclohexane	48.0		5.0	50.0	96.0	70-130
Carbon tetrachloride	52.1		5.0	50.0	104	70-130
Benzene	48.3		5.0	50.0	96.8	70-130
Trichloroethene	50.8		5.0	50.0	102	70-130
Methylcyclohexane	42.6		5.0	50.0	85.2	70-130
1,2-Dichloropropane	52.9		5.0	50.0	106	70-130
Bromodichloromethane	52.9		5.0	50.0	106	70-130
cis-1,3-Dichloropropene	48.9		5.0	50.0	97.9	70-130
trans-1,3-Dichloropropene	46.1		5.0	50.0	92.3	70-130
1,1,2-Trichloroethane	53.2		5.0	50.0	107	70-130
Dibromochloromethane	52.6		5.0	50.0	105	70-130
Bromoform	52.4		5.0	50.0	105	70-130
4-Methyl-2-pentanone	55.6		5.0	50.0	111	70-130
Toluene	48.2		5.0	50.0	96.4	70-130
Tetrachloroethene	49.6		5.0	50.0	99.4	70-130
2-Hexanone	73.7		5.0	50.0	147 #	70-130
1,2-Dibromoethane	50.4		5.0	50.0	101	70-130
Chlorobenzene	50.4		5.0	50.0	101	70-130
Ethylbenzene	49.7		5.0	50.0	99.5	70-130
meta-/para-Xylene	98.9		10.0	99.9	99.0	70-130
ortho-Xylene	49.6		5.0	50.0	99.3	70-130
Styrene	49.1		5.0	50.0	98.3	70-130
Isopropylbenzene	46.8		5.0	50.0	93.8	70-130
1,1,2,2-Tetrachloroethane	50.9		5.0	50.0	102	70-130
1,3-Dichlorobenzene	45.2		5.0	50.0	90.4	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

LCS (B0J1905-BS1)
Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,4-Dichlorobenzene	45.9		5.0	50.0	91.8	70-130
1,2-Dichlorobenzene	46.3		5.0	50.0	92.6	70-130
1,2-Dibromo-3-chloropropane	50.8		5.0	50.0	102	70-130
1,2,4-Trichlorobenzene	44.5		5.0	50.0	89.2	70-130

LCS (B0J1905-BS2)
Prepared: 10/22/2010 Analyzed: 10/22/2010

Surrogates

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	50.2		50.0	100	70-130
Surr: Toluene-d8	50.6		50.0	101	70-130
Surr: 4-Bromofluorobenzene	51.2		50.0	102	70-130

LCS (B0J1905-BS2)
Prepared: 10/22/2010 Analyzed: 10/22/2010

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dichlorodifluoromethane	23.4		5.0	50.0	46.7 #	70-130
Chloromethane	33.2		5.0	50.0	66.3 #	70-130
Vinyl chloride	35.5		5.0	50.0	71.0	70-130
Bromomethane	39.7		5.0	50.0	79.5	70-130
Chloroethane	40.0		5.0	50.0	80.0	70-130
Trichlorofluoromethane	39.6		5.0	50.0	79.2	70-130
1,1-Dichloroethene	44.2		5.0	50.0	88.5	70-130
Carbon disulfide	39.3		5.0	50.0	78.7	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

LCS (B0J1905-BS2)

Prepared: 10/22/2010 Analyzed: 10/22/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	40.3		5.0	50.0	80.5	70-130
Acetone	39.8		10.0	50.0	79.5	70-130
Methylene chloride	48.8		5.0	50.0	97.6	70-130
Methyl acetate	43.0		5.0	50.0	86.1	70-130
trans-1,2-Dichloroethene	44.0		5.0	50.0	88.1	70-130
cis-1,2-Dichloroethene	44.8		5.0	50.0	89.5	70-130
Methyl tert-butyl ether	44.2		5.0	50.0	88.5	70-130
1,1-Dichloroethane	47.5		5.0	50.0	94.9	70-130
2-Butanone	66.8		5.0	50.0	134 #	70-130
Chloroform	48.0		5.0	50.0	96.1	70-130
1,2-Dichloroethane	46.9		5.0	50.0	93.8	70-130
1,1,1-Trichloroethane	48.4		5.0	50.0	96.8	70-130
Cyclohexane	43.5		5.0	50.0	87.0	70-130
Carbon tetrachloride	52.1		5.0	50.0	104	70-130
Benzene	46.7		5.0	50.0	93.3	70-130
Trichloroethene	48.3		5.0	50.0	96.6	70-130
Methylcyclohexane	36.9		5.0	50.0	73.8	70-130
1,2-Dichloropropane	50.7		5.0	50.0	101	70-130
Bromodichloromethane	51.2		5.0	50.0	102	70-130
cis-1,3-Dichloropropene	47.6		5.0	50.0	95.1	70-130
trans-1,3-Dichloropropene	45.1		5.0	50.0	90.3	70-130
1,1,2-Trichloroethane	50.6		5.0	50.0	101	70-130
Dibromochloromethane	50.1		5.0	50.0	100	70-130
Bromoform	49.6		5.0	50.0	99.2	70-130
4-Methyl-2-pentanone	49.4		5.0	50.0	98.8	70-130
Toluene	45.6		5.0	50.0	91.3	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

LCS (B0J1905-BS2)

Prepared: 10/22/2010 Analyzed: 10/22/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Tetrachloroethene	48.2		5.0	50.0	96.5	70-130
2-Hexanone	64.4		5.0	50.0	129	70-130
1,2-Dibromoethane	46.7		5.0	50.0	93.4	70-130
Chlorobenzene	47.9		5.0	50.0	95.8	70-130
Ethylbenzene	47.6		5.0	50.0	95.2	70-130
meta-/para-Xylene	94.3		10.0	100	94.3	70-130
ortho-Xylene	47.2		5.0	50.0	94.4	70-130
Styrene	47.1		5.0	50.0	94.1	70-130
Isopropylbenzene	43.8		5.0	50.0	87.6	70-130
1,1,2,2-Tetrachloroethane	49.1		5.0	50.0	98.3	70-130
1,3-Dichlorobenzene	44.3		5.0	50.0	88.5	70-130
1,4-Dichlorobenzene	45.6		5.0	50.0	91.1	70-130
1,2-Dichlorobenzene	44.4		5.0	50.0	88.8	70-130
1,2-Dibromo-3-chloropropane	44.2		5.0	50.0	88.4	70-130
1,2,4-Trichlorobenzene	46.0		5.0	50.0	92.0	70-130

Matrix Spike (B0J1905-MS1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Surrogates

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	50.6		50.0	101	70-130
Surr: Toluene-d8	49.4		50.0	98.7	70-130
Surr: 4-Bromofluorobenzene	49.6		50.0	99.1	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Matrix Spike (B0J1905-MS1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits
Dichlorodifluoromethane	23.7		4.1	40.8		58.1	#	70-130
Chloromethane	26.0		4.1	40.8		63.6	#	70-130
Vinyl chloride	30.9		4.1	40.8		75.6		70-130
Bromomethane	29.0		4.1	40.8		71.0		70-130
Chloroethane	32.1		4.1	40.8		78.7		70-130
Trichlorofluoromethane	35.6		4.1	40.8		87.1		70-130
1,1-Dichloroethene	37.8		4.1	40.8		92.5		70-130
Carbon disulfide	33.1		4.1	40.8		80.9		70-130
1,1,2-Trichloro-1,2,2-trifluoroethane	39.9		4.1	40.8		97.6		70-130
Acetone	33.2		8.2	40.8	9.0	59.2	#	70-130
Methylene chloride	32.5		4.1	40.8		79.6		70-130
Methyl acetate	26.9		4.1	40.8		65.9	#	70-130
trans-1,2-Dichloroethene	34.7		4.1	40.8		85.0		70-130
cis-1,2-Dichloroethene	31.6		4.1	40.8		77.4		70-130
Methyl tert-butyl ether	27.6		4.1	40.8		67.5	#	70-130
1,1-Dichloroethane	35.4		4.1	40.8		86.7		70-130
2-Butanone	43.7		4.1	40.8	5.3	93.8		70-130
Chloroform	34.4		4.1	40.8		84.3		70-130
1,2-Dichloroethane	30.1		4.1	40.8		73.7		70-130
1,1,1-Trichloroethane	39.4		4.1	40.8		96.4		70-130
Cyclohexane	40.5		4.1	40.8		99.2		70-130
Carbon tetrachloride	42.8		4.1	40.8		105		70-130
Benzene	34.4		4.1	40.8		84.3		70-130
Trichloroethene	38.7		4.1	40.8		94.6		70-130
Methylcyclohexane	36.7		4.1	40.8		89.9		70-130
1,2-Dichloropropane	34.1		4.1	40.8		83.5		70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Matrix Spike (B0J1905-MS1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Bromodichloromethane	33.3		4.1	40.8		81.4	70-130
cis-1,3-Dichloropropene	30.8		4.1	40.8		75.3	70-130
trans-1,3-Dichloropropene	27.7		4.1	40.8		67.7 #	70-130
1,1,2-Trichloroethane	31.8		4.1	40.8		77.9	70-130
Dibromochloromethane	31.1		4.1	40.8		76.2	70-130
Bromoform	30.5		4.1	40.8		74.6	70-130
4-Methyl-2-pentanone	33.2		4.1	40.8		81.2	70-130
Toluene	34.2		4.1	40.8		83.6	70-130
Tetrachloroethene	39.6		4.1	40.8		97.0	70-130
2-Hexanone	42.9		4.1	40.8		105	70-130
1,2-Dibromoethane	28.9		4.1	40.8		70.8	70-130
Chlorobenzene	34.0		4.1	40.8		83.3	70-130
Ethylbenzene	36.3		4.1	40.8		88.9	70-130
meta-/para-Xylene	71.8		8.2	81.7		87.8	70-130
ortho-Xylene	34.3		4.1	40.8		84.1	70-130
Styrene	32.2		4.1	40.8		78.8	70-130
Isopropylbenzene	35.1		4.1	40.8		86.0	70-130
1,1,2,2-Tetrachloroethane	29.2		4.1	40.8		71.4	70-130
1,3-Dichlorobenzene	29.6		4.1	40.8		72.4	70-130
1,4-Dichlorobenzene	29.7		4.1	40.8		72.8	70-130
1,2-Dichlorobenzene	28.7		4.1	40.8		70.3	70-130
1,2-Dibromo-3-chloropropane	30.0		4.1	40.8		73.4	70-130
1,2,4-Trichlorobenzene	25.7		4.1	40.8		63.0 #	70-130

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Matrix Spike Dup (B0J1905-MSD1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Surrogates

ANALYTE	Result µg/kg	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1,2-Dichloroethane-d4	49.8		50.0	99.6	70-130
Surr: Toluene-d8	49.3		50.0	98.7	70-130
Surr: 4-Bromofluorobenzene	50.2		50.0	100	70-130

Matrix Spike Dup (B0J1905-MSD1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	26.7		4.4	43.6		61.1 #	70-130	11.7	30
Chloromethane	27.9		4.4	43.6		64.1 #	70-130	7.31	30
Vinyl chloride	33.0		4.4	43.6		75.6	70-130	6.53	30
Bromomethane	34.3		4.4	43.6		78.8	70-130	16.8	30
Chloroethane	35.8		4.4	43.6		82.1	70-130	10.7	30
Trichlorofluoromethane	40.1		4.4	43.6		91.9	70-130	11.9	30
1,1-Dichloroethene	42.1		4.4	43.6		96.5	70-130	10.8	30
Carbon disulfide	36.3		4.4	43.6		83.2	70-130	9.30	30
1,1,2-Trichloro-1,2,2-trifluoroethane	45.2		4.4	43.6		104	70-130	12.6	30
Acetone	31.8		8.7	43.6	9.0	52.3 #	70-130	4.24	30
Methylene chloride	36.9		4.4	43.6		84.6	70-130	12.6	30
Methyl acetate	33.7		4.4	43.6		77.4	70-130	22.5	30
trans-1,2-Dichloroethene	38.4		4.4	43.6		88.0	70-130	9.95	30
cis-1,2-Dichloroethene	36.1		4.4	43.6		82.8	70-130	13.3	30
Methyl tert-butyl ether	31.6		4.4	43.6		72.4	70-130	13.6	30
1,1-Dichloroethane	40.4		4.4	43.6		92.6	70-130	13.1	30
2-Butanone	50.4		4.4	43.6	5.3	103	70-130	14.3	30
Chloroform	38.5		4.4	43.6		88.3	70-130	11.2	30

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Matrix Spike Dup (B0J1905-MSD1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dichloroethane	34.9		4.4	43.6		80.0	70-130	14.8	30
1,1,1-Trichloroethane	44.1		4.4	43.6		101	70-130	11.4	30
Cyclohexane	45.9		4.4	43.6		105	70-130	12.4	30
Carbon tetrachloride	50.8		4.4	43.6		116	70-130	17.1	30
Benzene	39.2		4.4	43.6		89.8	70-130	12.9	30
Trichloroethene	43.1		4.4	43.6		98.9	70-130	10.9	30
Methylcyclohexane	42.6		4.4	43.6		97.6	70-130	14.7	30
1,2-Dichloropropane	38.9		4.4	43.6		89.3	70-130	13.2	30
Bromodichloromethane	38.5		4.4	43.6		88.3	70-130	14.5	30
cis-1,3-Dichloropropene	35.7		4.4	43.6		81.8	70-130	14.8	30
trans-1,3-Dichloropropene	32.7		4.4	43.6		75.1	70-130	16.8	30
1,1,2-Trichloroethane	36.7		4.4	43.6		84.2	70-130	14.3	30
Dibromochloromethane	36.2		4.4	43.6		83.1	70-130	15.2	30
Bromoform	35.5		4.4	43.6		81.4	70-130	15.2	30
4-Methyl-2-pentanone	37.4		4.4	43.6		85.9	70-130	12.1	30
Toluene	38.6		4.4	43.6		88.5	70-130	12.2	30
Tetrachloroethene	44.4		4.4	43.6		102	70-130	11.3	30
2-Hexanone	47.9		4.4	43.6		110	70-130	11.0	30
1,2-Dibromoethane	34.1		4.4	43.6		78.3	70-130	16.5	30
Chlorobenzene	38.5		4.4	43.6		88.3	70-130	12.4	30
Ethylbenzene	41.1		4.4	43.6		94.2	70-130	12.4	30
meta-/para-Xylene	80.4		8.7	87.2		92.2	70-130	11.4	30
ortho-Xylene	39.1		4.4	43.6		89.7	70-130	13.0	30
Styrene	36.6		4.4	43.6		83.9	70-130	12.8	30
Isopropylbenzene	39.9		4.4	43.6		91.4	70-130	12.6	30
1,1,2,2-Tetrachloroethane	34.1		4.4	43.6		78.2	70-130	15.5	30
1,3-Dichlorobenzene	33.2		4.4	43.6		76.0	70-130	11.4	30

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

Volatiles by EPA Method 8260/5035 - GC/MS - Quality Control

Batch: B0J1905 **Sample Type: Solid**

Matrix Spike Dup (B0J1905-MSD1)

Source: 1010010-02 Prepared: 10/21/2010 Analyzed: 10/21/2010

Targets (Continued)

ANALYTE	Result µg/kg	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,4-Dichlorobenzene	33.5		4.4	43.6		76.9	70-130	12.0	30
1,2-Dichlorobenzene	32.5		4.4	43.6		74.6	70-130	12.4	30
1,2-Dibromo-3-chloropropane	33.1		4.4	43.6		75.8	70-130	9.80	30
1,2,4-Trichlorobenzene	30.1		4.4	43.6		69.0 #	70-130	15.6	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

Blank (B0J2505-BLK1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	6.14		7.50	81.9	32-105
Surr: Phenol-d5	6.39		7.50	85.2	39-104
Surr: 2-Chlorophenol-d4	5.97		7.50	79.6	38-105
Surr: 1,2-Dichlorobenzene-d4	3.31		5.00	66.2	37-103
Surr: Nitrobenzene-d5	4.39		5.00	87.8	39-109
Surr: 2-Fluorobiphenyl	4.08		5.00	81.6	44-107
Surr: 2,4,6-Tribromophenol	5.68		7.50	75.7	38-126
Surr: Terphenyl-d14	4.44		5.00	88.8	56-127

Blank (B0J2505-BLK1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		0.5
Acenaphthylene	U		0.5
Acetophenone	U		0.5
Anthracene	U		0.5
Atrazine	U		0.5
Benzaldehyde	U		1.0
Benzoic acid	U		5.0
Benzo (a) anthracene	U		0.5
Benzo (a) pyrene	U		0.5
Benzo (b) fluoranthene	U		0.5
Benzo (g,h,i) perylene	U		0.5
Benzo (k) fluoranthene	U		0.5
Benzyl alcohol	U		0.5
1,1'-Biphenyl	U		0.5

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

Blank (B0J2505-BLK1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Bis(2-chloroethoxy)methane	U		0.5
Bis(2-chloroethyl)ether	U		0.5
Bis(2-chloroisopropyl)ether	U		0.5
Bis(2-ethylhexyl)phthalate	U		5.0
4-Bromophenyl phenyl ether	U		0.5
Butyl benzyl phthalate	U		5.0
Carbazole	U		0.5
Caprolactam	U		1.0
4-Chloroaniline	U		0.5
2-Chloronaphthalene	U		0.5
2-Chlorophenol	U		0.5
4-Chlorophenyl phenyl ether	U		0.5
4-Chloro-3-methylphenol	U		0.5
Chrysene	U		0.5
Dibenzofuran	U		0.5
Dibenz (a,h) anthracene	U		0.5
1,2-Dichlorobenzene	U		0.5
1,3-Dichlorobenzene	U		0.5
1,4-Dichlorobenzene	U		0.5
3,3´-Dichlorobenzidine	U		0.5
2,4-Dichlorophenol	U		0.5
Diethyl phthalate	U		5.0
2,4-Dimethylphenol	U		1.0
Dimethyl phthalate	U		5.0
2,4-Dinitrophenol	U		5.0
2,4-Dinitrotoluene	U		1.0
2,6-Dinitrotoluene	U		1.0

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

Blank (B0J2505-BLK1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
4,6-Dinitro-2-methylphenol	U		5.0
Di-n-butyl phthalate	U		5.0
Di-n-octyl phthalate	U		5.0
Fluoranthene	U		0.5
Fluorene	U		0.5
Hexachlorobenzene	U		0.5
Hexachlorobutadiene	U		5.0
Hexachlorocyclopentadiene	U		5.0
Hexachloroethane	U		5.0
Indeno (1,2,3-cd) pyrene	U		0.5
Isophorone	U		0.5
2-Methylnaphthalene	U		0.5
2-Methylphenol	U		0.5
3 &/or 4-Methylphenol	U		0.5
Naphthalene	U		0.5
2-Nitroaniline	U		1.0
3-Nitroaniline	U		1.0
4-Nitroaniline	U		1.0
Nitrobenzene	U		0.5
2-Nitrophenol	U		0.5
4-Nitrophenol	U		5.0
N-Nitrosodiphenylamine	U		0.5
N-Nitrosodi-n-propylamine	U		0.5
Pentachlorophenol	U		1.0
Phenanthrene	U		0.5
Phenol	U		0.5
Pyrene	U		0.5

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

Blank (B0J2505-BLK1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
1,2,4-Trichlorobenzene	U		0.5
2,4,5-Trichlorophenol	U		0.5
2,4,6-Trichlorophenol	U		0.5

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS (B0J2505-BS1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	6.30		7.50	84.0	32-105
Surr: Phenol-d5	6.36		7.50	84.8	39-104
Surr: 2-Chlorophenol-d4	6.06		7.50	80.8	38-105
Surr: 1,2-Dichlorobenzene-d4	3.64		5.00	72.8	37-103
Surr: Nitrobenzene-d5	4.41		5.00	88.2	39-109
Surr: 2-Fluorobiphenyl	4.21		5.00	84.2	44-107
Surr: 2,4,6-Tribromophenol	6.39		7.50	85.2	38-126
Surr: Terphenyl-d14	4.15		5.00	83.0	56-127

LCS (B0J2505-BS1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	8.2		0.5	10.0	81.9	43-106
Acenaphthylene	8.8		0.5	10.0	88.1	48-111
Acetophenone	8.7		0.5	10.0	87.1	36-110
Anthracene	9.0		0.5	10.0	90.3	53-123
Atrazine	9.9		0.5	10.0	99.3	63-133
Benzaldehyde	8.3		1.0	10.0	83.1	21-102
Benzoic acid	11.4		5.0	10.0	114	10-115
Benzo (a) anthracene	9.7		0.5	10.0	96.8	58-129
Benzo (a) pyrene	9.2		0.5	10.0	91.5	69-125
Benzo (b) fluoranthene	9.3		0.5	10.0	92.7	65-126
Benzo (g,h,i) perylene	11.8		0.5	10.0	118	50-137
Benzo (k) fluoranthene	11.0		0.5	10.0	110	59-135
Benzyl alcohol	8.1		0.5	10.0	80.7	44-106
1,1'-Biphenyl	8.1		0.5	10.0	81.3	40-118

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS (B0J2505-BS1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Bis(2-chloroethoxy)methane	8.2		0.5	10.0	82.0	48-103
Bis(2-chloroethyl)ether	8.2		0.5	10.0	82.4	31-104
Bis(2-chloroisopropyl)ether	7.7		0.5	10.0	77.2	36-102
Bis(2-ethylhexyl)phthalate	10.8		5.0	10.0	108	56-153
4-Bromophenyl phenyl ether	8.8		0.5	10.0	88.0	55-116
Butyl benzyl phthalate	9.5		5.0	10.0	95.0	59-140
Carbazole	9.4		0.5	10.0	94.3	61-133
Caprolactam	7.4		1.0	10.0	74.2	48-156
4-Chloroaniline	7.4		0.5	10.0	74.4	35-102
2-Chloronaphthalene	7.8		0.5	10.0	77.8	48-105
2-Chlorophenol	8.4		0.5	10.0	84.4	34-102
4-Chlorophenyl phenyl ether	8.3		0.5	10.0	83.2	48-119
4-Chloro-3-methylphenol	9.0		0.5	10.0	89.5	40-129
Chrysene	9.0		0.5	10.0	89.8	58-128
Dibenzofuran	8.4		0.5	10.0	84.3	50-111
Dibenz (a,h) anthracene	11.2		0.5	10.0	112	62-135
1,2-Dichlorobenzene	6.1		0.5	10.0	61.1	39-97
1,3-Dichlorobenzene	5.5		0.5	10.0	54.7	38-95
1,4-Dichlorobenzene	5.8		0.5	10.0	58.2	33-93
3,3´-Dichlorobenzidine	6.0		0.5	10.0	59.9	54-148
2,4-Dichlorophenol	9.0		0.5	10.0	90.2	50-117
Diethyl phthalate	9.1		5.0	10.0	90.6	51-136
2,4-Dimethylphenol	7.9		1.0	10.0	79.0	28-111
Dimethyl phthalate	8.8		5.0	10.0	87.7	56-117
2,4-Dinitrophenol	13.6		5.0	10.0	136 #	10-129
2,4-Dinitrotoluene	8.4		1.0	10.0	84.3	49-122
2,6-Dinitrotoluene	9.2		1.0	10.0	92.3	56-120

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS (B0J2505-BS1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4,6-Dinitro-2-methylphenol	9.9		5.0	10.0	98.8	10-130
Di-n-butyl phthalate	10.2		5.0	10.0	102	51-148
Di-n-octyl phthalate	9.8		5.0	10.0	98.5	61-138
Fluoranthene	9.3		0.5	10.0	93.2	60-130
Fluorene	8.7		0.5	10.0	86.8	51-116
Hexachlorobenzene	8.7		0.5	10.0	86.6	55-116
Hexachlorobutadiene	4.4		5.0	10.0	43.5 #	47-102
Hexachlorocyclopentadiene	7.0		5.0	10.0	70.2	21-113
Hexachloroethane	4.2		5.0	10.0	42.5	36-96
Indeno (1,2,3-cd) pyrene	10.0		0.5	10.0	99.5	62-133
Isophorone	8.7		0.5	10.0	86.8	49-103
2-Methylnaphthalene	7.4		0.5	10.0	74.4	50-105
2-Methylphenol	8.3		0.5	10.0	83.1	43-102
3 &/or 4-Methylphenol	8.5		0.5	10.0	84.9	46-106
Naphthalene	7.8		0.5	10.0	77.9	46-102
2-Nitroaniline	9.5		1.0	10.0	94.9	53-124
3-Nitroaniline	9.2		1.0	10.0	91.6	51-122
4-Nitroaniline	10.1		1.0	10.0	101	62-140
Nitrobenzene	8.5		0.5	10.0	84.7	44-105
2-Nitrophenol	9.7		0.5	10.0	96.6	44-114
4-Nitrophenol	8.7		5.0	10.0	86.7	37-130
N-Nitrosodiphenylamine	10.6		0.5	10.0	106	56-120
N-Nitrosodi-n-propylamine	8.5		0.5	10.0	85.0	37-100
Pentachlorophenol	9.3		1.0	10.0	93.0	10-117
Phenanthrene	8.7		0.5	10.0	87.4	52-121
Phenol	8.0		0.5	10.0	79.7	39-102
Pyrene	9.9		0.5	10.0	98.6	52-122

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS (B0J2505-BS1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,2,4-Trichlorobenzene	6.2		0.5	10.0	61.8	40-101
2,4,5-Trichlorophenol	9.1		0.5	10.0	91.0	52-121
2,4,6-Trichlorophenol	9.6		0.5	10.0	95.7	48-113

LCS Dup (B0J2505-BSD1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	6.72		7.50	89.6	32-105
Surr: Phenol-d5	6.97		7.50	92.9	39-104
Surr: 2-Chlorophenol-d4	6.50		7.50	86.7	38-105
Surr: 1,2-Dichlorobenzene-d4	3.80		5.00	76.0	37-103
Surr: Nitrobenzene-d5	4.76		5.00	95.2	39-109
Surr: 2-Fluorobiphenyl	4.35		5.00	87.0	44-107
Surr: 2,4,6-Tribromophenol	6.85		7.50	91.3	38-126
Surr: Terphenyl-d14	4.32		5.00	86.4	56-127

LCS Dup (B0J2505-BSD1)
Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	8.4		0.5	10.0		84.2	43-106	2.77	30
Acenaphthylene	9.0		0.5	10.0		90.3	48-111	2.47	30
Acetophenone	9.3		0.5	10.0		92.8	36-110	6.34	30
Anthracene	9.0		0.5	10.0		90.0	53-123	0.33	30
Atrazine	10.4		0.5	10.0		104	63-133	4.53	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS Dup (B0J2505-BSD1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Benzaldehyde	8.7		1.0	10.0		87.0	21-102	4.59	30
Benzoic acid	12.7		5.0	10.0		127 #	10-115	11.1	30
Benzo (a) anthracene	9.6		0.5	10.0		95.9	58-129	0.93	30
Benzo (a) pyrene	9.2		0.5	10.0		92.3	69-125	0.87	30
Benzo (b) fluoranthene	9.5		0.5	10.0		95.3	65-126	2.77	30
Benzo (g,h,i) perylene	11.5		0.5	10.0		115	50-137	2.32	30
Benzo (k) fluoranthene	10.9		0.5	10.0		109	59-135	0.82	30
Benzyl alcohol	8.6		0.5	10.0		86.4	44-106	6.82	30
1,1'-Biphenyl	8.3		0.5	10.0		82.8	40-118	1.83	30
Bis(2-chloroethoxy)methane	8.8		0.5	10.0		88.0	48-103	7.06	30
Bis(2-chloroethyl)ether	8.7		0.5	10.0		87.1	31-104	5.55	30
Bis(2-chloroisopropyl)ether	8.2		0.5	10.0		81.6	36-102	5.54	30
Bis(2-ethylhexyl)phthalate	9.3		5.0	10.0		93.0	56-153	14.7	30
4-Bromophenyl phenyl ether	8.9		0.5	10.0		89.0	55-116	1.13	30
Butyl benzyl phthalate	9.5		5.0	10.0		95.0	59-140	0.00	30
Carbazole	9.4		0.5	10.0		94.3	61-133	0.00	30
Caprolactam	8.4		1.0	10.0		83.8	48-156	12.2	30
4-Chloroaniline	8.5		0.5	10.0		85.2	35-102	13.5	30
2-Chloronaphthalene	8.1		0.5	10.0		80.7	48-105	3.66	30
2-Chlorophenol	9.0		0.5	10.0		89.9	34-102	6.31	30
4-Chlorophenyl phenyl ether	8.4		0.5	10.0		83.6	48-119	0.48	30
4-Chloro-3-methylphenol	9.5		0.5	10.0		95.4	40-129	6.38	30
Chrysene	8.9		0.5	10.0		89.3	58-128	0.56	30
Dibenzofuran	8.5		0.5	10.0		84.7	50-111	0.47	30
Dibenz (a,h) anthracene	10.9		0.5	10.0		109	62-135	2.17	30
1,2-Dichlorobenzene	6.6		0.5	10.0		66.2	39-97	8.01	30
1,3-Dichlorobenzene	5.8		0.5	10.0		58.3	38-95	6.37	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS Dup (B0J2505-BSD1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit
1,4-Dichlorobenzene	6.2		0.5	10.0		62.3		33-93	6.80	30
3,3´-Dichlorobenzidine	5.2		0.5	10.0		52.2	#	54-148	13.7	30
2,4-Dichlorophenol	9.6		0.5	10.0		95.9		50-117	6.13	30
Diethyl phthalate	9.4		5.0	10.0		94.0		51-136	3.68	30
2,4-Dimethylphenol	8.5		1.0	10.0		85.2		28-111	7.55	30
Dimethyl phthalate	9.1		5.0	10.0		90.7		56-117	3.36	30
2,4-Dinitrophenol	14.2		5.0	10.0		142	#	10-129	4.26	30
2,4-Dinitrotoluene	8.5		1.0	10.0		85.1		49-122	0.94	30
2,6-Dinitrotoluene	9.5		1.0	10.0		95.3		56-120	3.20	30
4,6-Dinitro-2-methylphenol	10.2		5.0	10.0		102		10-130	2.89	30
Di-n-butyl phthalate	10.1		5.0	10.0		101		51-148	0.30	30
Di-n-octyl phthalate	9.5		5.0	10.0		95.2		61-138	3.41	30
Fluoranthene	9.0		0.5	10.0		90.0		60-130	3.49	30
Fluorene	8.7		0.5	10.0		87.0		51-116	0.23	30
Hexachlorobenzene	8.7		0.5	10.0		86.6		55-116	0.00	30
Hexachlorobutadiene	4.4		5.0	10.0		43.8	#	47-102	0.69	30
Hexachlorocyclopentadiene	6.8		5.0	10.0		68.0		21-113	3.18	30
Hexachloroethane	4.6		5.0	10.0		45.7		36-96	7.26	30
Indeno (1,2,3-cd) pyrene	9.6		0.5	10.0		96.4		62-133	3.16	30
Isophorone	9.4		0.5	10.0		93.6		49-103	7.54	30
2-Methylnaphthalene	7.8		0.5	10.0		77.6		50-105	4.21	30
2-Methylphenol	8.9		0.5	10.0		88.6		43-102	6.41	30
3 &/or 4-Methylphenol	9.1		0.5	10.0		90.9		46-106	6.83	30
Naphthalene	8.2		0.5	10.0		82.0		46-102	5.13	30
2-Nitroaniline	10.0		1.0	10.0		99.9		53-124	5.13	30
3-Nitroaniline	9.7		1.0	10.0		96.9		51-122	5.62	30
4-Nitroaniline	10.2		1.0	10.0		102		62-140	1.58	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2505 **Sample Type: Liquid**

LCS Dup (B0J2505-BSD1)

Prepared: 10/26/2010 Analyzed: 10/27/2010

Targets (Continued)

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Nitrobenzene	9.1		0.5	10.0		91.2	44-105	7.39	30
2-Nitrophenol	10.4		0.5	10.0		104	44-114	6.90	30
4-Nitrophenol	8.9		5.0	10.0		89.1	37-130	2.73	30
N-Nitrosodiphenylamine	10.8		0.5	10.0		108	56-120	1.40	30
N-Nitrosodi-n-propylamine	9.0		0.5	10.0		90.3	37-100	6.05	30
Pentachlorophenol	9.6		1.0	10.0		95.9	10-117	3.07	30
Phenanthrene	8.8		0.5	10.0		87.9	52-121	0.57	30
Phenol	8.8		0.5	10.0		88.3	39-102	10.2	30
Pyrene	10.0		0.5	10.0		100	52-122	1.51	30
1,2,4-Trichlorobenzene	6.6		0.5	10.0		65.5	40-101	5.81	30
2,4,5-Trichlorophenol	9.7		0.5	10.0		97.1	52-121	6.49	30
2,4,6-Trichlorophenol	10.0		0.5	10.0		100	48-113	4.69	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Blank (B0J2605-BLK1)
Prepared: 10/27/2010 Analyzed: 10/28/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	539		750	71.9	32-105
Surr: Phenol-d5	567		750	75.6	39-104
Surr: 2-Chlorophenol-d4	516		750	68.8	38-105
Surr: 1,2-Dichlorobenzene-d4	351		500	70.2	37-103
Surr: Nitrobenzene-d5	367		500	73.4	39-109
Surr: 2-Fluorobiphenyl	372		500	74.4	44-107
Surr: 2,4,6-Tribromophenol	399		750	53.2	38-126
Surr: Terphenyl-d14	345		500	69.0	56-127

Blank (B0J2605-BLK1)
Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		50.0
Acenaphthylene	U		50.0
Acetophenone	U		50.0
Anthracene	U		50.0
Atrazine	U		50.0
Benzaldehyde	U		100
Benzoic acid	U		500
Benzo (a) anthracene	U		50.0
Benzo (a) pyrene	U		50.0
Benzo (b) fluoranthene	U		50.0
Benzo (g,h,i) perylene	U		50.0
Benzo (k) fluoranthene	U		50.0
Benzyl alcohol	U		50.0
1,1'-Biphenyl	U		50.0

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Blank (B0J2605-BLK1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
Bis(2-chloroethoxy)methane	U		50.0
Bis(2-chloroethyl)ether	U		50.0
Bis(2-chloroisopropyl)ether	U		50.0
Bis(2-ethylhexyl)phthalate	U		500
4-Bromophenyl phenyl ether	U		50.0
Butyl benzyl phthalate	U		500
Carbazole	U		50.0
Caprolactam	U		100
4-Chloroaniline	U		50.0
2-Chloronaphthalene	U		50.0
2-Chlorophenol	U		50.0
4-Chlorophenyl phenyl ether	U		50.0
4-Chloro-3-methylphenol	U		50.0
Chrysene	U		50.0
Dibenzofuran	U		50.0
Dibenz (a,h) anthracene	U		50.0
1,2-Dichlorobenzene	U		50.0
1,3-Dichlorobenzene	U		50.0
1,4-Dichlorobenzene	U		50.0
3,3´-Dichlorobenzidine	U		50.0
2,4-Dichlorophenol	U		50.0
Diethyl phthalate	U		500
2,4-Dimethylphenol	U		100
Dimethyl phthalate	U		500
2,4-Dinitrophenol	U		500
2,4-Dinitrotoluene	U		100
2,6-Dinitrotoluene	U		100

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Blank (B0J2605-BLK1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
4,6-Dinitro-2-methylphenol	U		500
Di-n-butyl phthalate	U		500
Di-n-octyl phthalate	U		500
Fluoranthene	U		50.0
Fluorene	U		50.0
Hexachlorobenzene	U		50.0
Hexachlorobutadiene	U		50.0
Hexachlorocyclopentadiene	U		500
Hexachloroethane	U		50.0
Indeno (1,2,3-cd) pyrene	U		50.0
Isophorone	U		50.0
2-Methylnaphthalene	U		50.0
2-Methylphenol	U		50.0
3 &/or 4-Methylphenol	U		50.0
Naphthalene	U		50.0
2-Nitroaniline	U		100
3-Nitroaniline	U		100
4-Nitroaniline	U		100
Nitrobenzene	U		50.0
2-Nitrophenol	U		50.0
4-Nitrophenol	U		500
N-Nitrosodiphenylamine	U		50.0
N-Nitrosodi-n-propylamine	U		50.0
Pentachlorophenol	U		100
Phenanthrene	U		50.0
Phenol	U		50.0
Pyrene	U		50.0

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Blank (B0J2605-BLK1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
1,2,4-Trichlorobenzene	U		50.0
2,4,5-Trichlorophenol	U		50.0
2,4,6-Trichlorophenol	U		50.0

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

LCS (B0J2605-BS1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	463		749	61.9	32-105
Surr: Phenol-d5	497		749	66.4	39-104
Surr: 2-Chlorophenol-d4	438		749	58.5	38-105
Surr: 1,2-Dichlorobenzene-d4	286		499	57.2	37-103
Surr: Nitrobenzene-d5	317		499	63.4	39-109
Surr: 2-Fluorobiphenyl	320		499	64.0	44-107
Surr: 2,4,6-Tribromophenol	480		749	64.1	38-126
Surr: Terphenyl-d14	350		499	70.2	56-127

LCS (B0J2605-BS1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	636		49.9	999	63.7	43-106
Acenaphthylene	660		49.9	999	66.1	48-111
Acetophenone	647		49.9	999	64.8	36-110
Anthracene	777		49.9	999	77.8	53-123
Atrazine	942		49.9	999	94.3	63-133
Benzaldehyde	559		99.9	999	56.0	21-102
Benzoic acid	457		499	999	45.8	10-115
Benzo (a) anthracene	930		49.9	999	93.1	58-129
Benzo (a) pyrene	1,010		49.9	999	102	69-125
Benzo (b) fluoranthene	903		49.9	999	90.4	65-126
Benzo (g,h,i) perylene	1,130		49.9	999	113	50-137
Benzo (k) fluoranthene	1,010		49.9	999	101	59-135
Benzyl alcohol	664		49.9	999	66.5	44-106
1,1'-Biphenyl	633		49.9	999	63.4	40-118

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

LCS (B0J2605-BS1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Bis(2-chloroethoxy)methane	619		49.9	999	62.0	48-103
Bis(2-chloroethyl)ether	607		49.9	999	60.8	31-104
Bis(2-chloroisopropyl)ether	622		49.9	999	62.3	36-102
Bis(2-ethylhexyl)phthalate	1,080		499	999	108	56-153
4-Bromophenyl phenyl ether	684		49.9	999	68.5	55-116
Butyl benzyl phthalate	918		499	999	91.9	59-140
Carbazole	973		49.9	999	97.4	61-133
Caprolactam	938		99.9	999	93.9	48-156
4-Chloroaniline	589		49.9	999	59.0	35-102
2-Chloronaphthalene	621		49.9	999	62.2	48-105
2-Chlorophenol	622		49.9	999	62.3	34-102
4-Chlorophenyl phenyl ether	678		49.9	999	67.9	48-119
4-Chloro-3-methylphenol	694		49.9	999	69.5	40-129
Chrysene	905		49.9	999	90.6	58-128
Dibenzofuran	656		49.9	999	65.7	50-111
Dibenz (a,h) anthracene	1,210		49.9	999	122	62-135
1,2-Dichlorobenzene	588		49.9	999	58.9	39-97
1,3-Dichlorobenzene	571		49.9	999	57.2	38-95
1,4-Dichlorobenzene	561		49.9	999	56.2	33-93
3,3´-Dichlorobenzidine	1,080		49.9	999	108	54-148
2,4-Dichlorophenol	648		49.9	999	64.9	50-117
Diethyl phthalate	836		499	999	83.7	51-136
2,4-Dimethylphenol	569		99.9	999	57.0	28-111
Dimethyl phthalate	719		499	999	72.0	56-117
2,4-Dinitrophenol	603		499	999	60.4	10-129
2,4-Dinitrotoluene	904		99.9	999	90.5	49-122
2,6-Dinitrotoluene	782		99.9	999	78.3	56-120

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

LCS (B0J2605-BS1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4,6-Dinitro-2-methylphenol	610		499	999	61.1	10-130
Di-n-butyl phthalate	998		499	999	99.9	51-148
Di-n-octyl phthalate	1,020		499	999	103	61-138
Fluoranthene	962		49.9	999	96.3	60-130
Fluorene	694		49.9	999	69.5	51-116
Hexachlorobenzene	704		49.9	999	70.5	55-116
Hexachlorobutadiene	588		49.9	999	58.9	47-102
Hexachlorocyclopentadiene	750		499	999	75.1	21-113
Hexachloroethane	579		49.9	999	58.0	36-96
Indeno (1,2,3-cd) pyrene	1,180		49.9	999	118	62-133
Isophorone	651		49.9	999	65.2	49-103
2-Methylnaphthalene	634		49.9	999	63.5	50-105
2-Methylphenol	631		49.9	999	63.2	43-102
3 &/or 4-Methylphenol	643		49.9	999	64.4	46-106
Naphthalene	608		49.9	999	60.9	46-102
2-Nitroaniline	768		99.9	999	76.9	53-124
3-Nitroaniline	838		99.9	999	83.9	51-122
4-Nitroaniline	1,120		99.9	999	112	62-140
Nitrobenzene	629		49.9	999	63.0	44-105
2-Nitrophenol	657		49.9	999	65.8	44-114
4-Nitrophenol	1,050		499	999	105	37-130
N-Nitrosodiphenylamine	868		49.9	999	86.9	56-120
N-Nitrosodi-n-propylamine	649		49.9	999	65.0	37-100
Pentachlorophenol	589		99.9	999	59.0	10-117
Phenanthrene	750		49.9	999	75.1	52-121
Phenol	631		49.9	999	63.2	39-102
Pyrene	795		49.9	999	79.6	52-122

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

LCS (B0J2605-BS1)

Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,2,4-Trichlorobenzene	600		49.9	999	60.1	40-101
2,4,5-Trichlorophenol	657		49.9	999	65.8	52-121
2,4,6-Trichlorophenol	600		49.9	999	60.1	48-113

Matrix Spike (B0J2605-MS1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	435		726	59.9	32-105
Surr: Phenol-d5	476		726	65.6	39-104
Surr: 2-Chlorophenol-d4	419		726	57.7	38-105
Surr: 1,2-Dichlorobenzene-d4	240		484	49.6	37-103
Surr: Nitrobenzene-d5	295		484	61.0	39-109
Surr: 2-Fluorobiphenyl	315		484	65.0	44-107
Surr: 2,4,6-Tribromophenol	514		726	70.8	38-126
Surr: Terphenyl-d14	320		484	66.2	56-127

Matrix Spike (B0J2605-MS1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Acenaphthene	624		48.4	968		64.5	34-107
Acenaphthylene	655		48.4	968		67.7	48-111
Acetophenone	617		48.4	968		63.7	36-110
Anthracene	702		48.4	968		72.5	53-123
Atrazine	872		48.4	968		90.1	63-133

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Matrix Spike (B0J2605-MS1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Benzaldehyde	528		96.8	968		54.5	21-102
Benzoic acid	955		484	968	203	77.8	10-115
Benzo (a) anthracene	851		48.4	968		87.9	58-129
Benzo (a) pyrene	918		48.4	968		94.8	69-125
Benzo (b) fluoranthene	831		48.4	968		85.9	65-126
Benzo (g,h,i) perylene	1,060		48.4	968		109	50-137
Benzo (k) fluoranthene	886		48.4	968		91.5	59-135
Benzyl alcohol	644	J	48.4	968		66.5	44-106
1,1'-Biphenyl	622		48.4	968		64.3	40-118
Bis(2-chloroethoxy)methane	601		48.4	968		62.1	48-103
Bis(2-chloroethyl)ether	580		48.4	968		59.9	31-104
Bis(2-chloroisopropyl)ether	582		48.4	968		60.1	36-102
Bis(2-ethylhexyl)phthalate	960		484	968	143	84.4	56-153
4-Bromophenyl phenyl ether	658		48.4	968		68.0	55-116
Butyl benzyl phthalate	884		484	968		91.3	59-140
Carbazole	823		48.4	968		85.0	61-133
Caprolactam	839		96.8	968	5.7	86.1	48-156
4-Chloroaniline	357		48.4	968		36.9	35-102
2-Chloronaphthalene	613		48.4	968		63.3	48-105
2-Chlorophenol	599		48.4	968		61.9	28-94
4-Chlorophenyl phenyl ether	657		48.4	968		67.9	48-119
4-Chloro-3-methylphenol	690		48.4	968		71.3	38-126
Chrysene	831		48.4	968		85.9	58-128
Dibenzofuran	649		48.4	968		67.1	50-111
Dibenz (a,h) anthracene	1,140		48.4	968		118	62-135
1,2-Dichlorobenzene	556		48.4	968		57.4	39-97
1,3-Dichlorobenzene	531		48.4	968		54.9	38-95

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Matrix Spike (B0J2605-MS1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
1,4-Dichlorobenzene	535		48.4	968		55.3	27-83
3,3´-Dichlorobenzidine	590		48.4	968		61.0	54-148
2,4-Dichlorophenol	630		48.4	968		65.1	50-117
Diethyl phthalate	771		484	968		79.7	51-136
2,4-Dimethylphenol	546		96.8	968		56.4	28-111
Dimethyl phthalate	689		484	968		71.2	56-117
2,4-Dinitrophenol	1,190		484	968		123	10-129
2,4-Dinitrotoluene	817		96.8	968		84.4	38-123
2,6-Dinitrotoluene	752		96.8	968		77.7	56-120
4,6-Dinitro-2-methylphenol	856		484	968		88.4	10-130
Di-n-butyl phthalate	901		484	968	6.7	92.4	51-148
Di-n-octyl phthalate	990		484	968		102	61-138
Fluoranthene	856		48.4	968		88.4	60-130
Fluorene	676		48.4	968		69.8	51-116
Hexachlorobenzene	652		48.4	968		67.4	55-116
Hexachlorobutadiene	562		48.4	968		58.1	47-102
Hexachlorocyclopentadiene	718		484	968		74.2	21-113
Hexachloroethane	552		48.4	968		57.0	36-96
Indeno (1,2,3-cd) pyrene	1,100		48.4	968		114	62-133
Isophorone	631		48.4	968		65.2	49-103
2-Methylnaphthalene	608		48.4	968		62.8	50-105
2-Methylphenol	664		48.4	968		68.6	43-102
3 &/or 4-Methylphenol	652		48.4	968		67.4	46-106
Naphthalene	588		48.4	968		60.7	46-102
2-Nitroaniline	764		96.8	968		78.9	53-124
3-Nitroaniline	612		96.8	968		63.2	51-122
4-Nitroaniline	856		96.8	968		88.4	62-140

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Matrix Spike (B0J2605-MS1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Nitrobenzene	599		48.4	968		61.9	44-105
2-Nitrophenol	626		48.4	968		64.7	44-114
4-Nitrophenol	900		484	968		93.0	35-138
N-Nitrosodiphenylamine	820		48.4	968		84.7	56-120
N-Nitrosodi-n-propylamine	618		48.4	968		63.8	29-97
Pentachlorophenol	691		96.8	968		71.4	10-126
Phenanthrene	697		48.4	968		72.0	52-121
Phenol	610		48.4	968		63.0	32-96
Pyrene	730		48.4	968		75.4	39-129
1,2,4-Trichlorobenzene	570		48.4	968		58.9	24-105
2,4,5-Trichlorophenol	707		48.4	968		73.0	52-121
2,4,6-Trichlorophenol	618		48.4	968		63.8	48-113

Matrix Spike Dup (B0J2605-MSD1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	425		741	57.3	32-105
Surr: Phenol-d5	462		741	62.4	39-104
Surr: 2-Chlorophenol-d4	410		741	55.3	38-105
Surr: 1,2-Dichlorobenzene-d4	243		494	49.2	37-103
Surr: Nitrobenzene-d5	289		494	58.6	39-109
Surr: 2-Fluorobiphenyl	294		494	59.6	44-107
Surr: 2,4,6-Tribromophenol	588		741	79.3	38-126
Surr: Terphenyl-d14	315		494	63.8	56-127

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Matrix Spike Dup (B0J2605-MSD1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Acenaphthene	591		49.4	988		59.8	34-107	5.56	31
Acenaphthylene	609		49.4	988		61.7	48-111	7.28	30
Acetophenone	601		49.4	988		60.9	36-110	2.49	30
Anthracene	790		49.4	988		80.0	53-123	11.8	30
Atrazine	909		49.4	988		92.0	63-133	4.09	30
Benzaldehyde	528		98.8	988		53.5	21-102	0.15	30
Benzoic acid	1,090		494	988	203	90.1	10-115	13.4	30
Benzo (a) anthracene	895		49.4	988		90.6	58-129	5.03	30
Benzo (a) pyrene	978		49.4	988		99.0	69-125	6.33	30
Benzo (b) fluoranthene	787		49.4	988		79.7	65-126	5.49	30
Benzo (g,h,i) perylene	1,200		49.4	988		122	50-137	12.9	30
Benzo (k) fluoranthene	974		49.4	988		98.6	59-135	9.47	30
Benzyl alcohol	554	J	49.4	988		56.1	44-106	15.0	30
1,1'-Biphenyl	579		49.4	988		58.6	40-118	7.28	30
Bis(2-chloroethoxy)methane	580		49.4	988		58.7	48-103	3.63	30
Bis(2-chloroethyl)ether	562		49.4	988		56.9	31-104	3.14	30
Bis(2-chloroisopropyl)ether	572		49.4	988		57.9	36-102	1.73	30
Bis(2-ethylhexyl)phthalate	860		494	988	143	72.6	56-153	11.0	30
4-Bromophenyl phenyl ether	703		49.4	988		71.2	55-116	6.60	30
Butyl benzyl phthalate	821		494	988		83.1	59-140	7.41	30
Carbazole	934		49.4	988		94.6	61-133	12.7	30
Caprolactam	918		98.8	988	5.7	92.4	48-156	9.01	30
4-Chloroaniline	342		49.4	988		34.6 #	35-102	4.43	30
2-Chloronaphthalene	572		49.4	988		57.9	48-105	6.91	30
2-Chlorophenol	581		49.4	988		58.8	28-94	3.14	37
4-Chlorophenyl phenyl ether	656		49.4	988		66.4	48-119	0.23	30
4-Chloro-3-methylphenol	674		49.4	988		68.3	38-126	2.30	36

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Matrix Spike Dup (B0J2605-MSD1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Chrysene	843		49.4	988		85.4	58-128	1.42	30
Dibenzofuran	620		49.4	988		62.8	50-111	4.62	30
Dibenz (a,h) anthracene	1,310		49.4	988		132	62-135	13.8	30
1,2-Dichlorobenzene	546		49.4	988		55.3	39-97	1.73	30
1,3-Dichlorobenzene	527		49.4	988		53.4	38-95	0.77	30
1,4-Dichlorobenzene	527		49.4	988		53.4	27-83	1.50	36
3,3´-Dichlorobenzidine	725		49.4	988		73.4	54-148	20.4	30
2,4-Dichlorophenol	590		49.4	988		59.7	50-117	6.66	30
Diethyl phthalate	834		494	988		84.5	51-136	7.85	30
2,4-Dimethylphenol	506		98.8	988		51.2	28-111	7.67	30
Dimethyl phthalate	714		494	988		72.3	56-117	3.53	30
2,4-Dinitrophenol	1,440		494	988		146 #	10-129	18.9	30
2,4-Dinitrotoluene	913		98.8	988		92.5	38-123	11.2	32
2,6-Dinitrotoluene	783		98.8	988		79.3	56-120	4.04	30
4,6-Dinitro-2-methylphenol	1,040		494	988		105	10-130	19.1	30
Di-n-butyl phthalate	940		494	988	6.7	94.5	51-148	4.23	30
Di-n-octyl phthalate	985		494	988		99.7	61-138	0.57	30
Fluoranthene	946		49.4	988		95.8	60-130	10.0	30
Fluorene	674		49.4	988		68.3	51-116	0.17	30
Hexachlorobenzene	720		49.4	988		72.9	55-116	9.84	30
Hexachlorobutadiene	546		49.4	988		55.3	47-102	2.94	30
Hexachlorocyclopentadiene	736		494	988		74.5	21-113	2.40	30
Hexachloroethane	549		49.4	988		55.6	36-96	0.49	30
Indeno (1,2,3-cd) pyrene	1,250		49.4	988		126	62-133	12.5	30
Isophorone	600		49.4	988		60.8	49-103	4.98	30
2-Methylnaphthalene	585		49.4	988		59.2	50-105	3.90	30
2-Methylphenol	667		49.4	988		67.5	43-102	0.38	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2605 **Sample Type: Solid**

Matrix Spike Dup (B0J2605-MSD1)

Source: 1010016-05 Prepared: 10/27/2010 Analyzed: 10/28/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
3 &/or 4-Methylphenol	643		49.4	988		65.1	46-106	1.47	30
Naphthalene	566		49.4	988		57.3	46-102	3.76	30
2-Nitroaniline	796		98.8	988		80.6	53-124	4.13	30
3-Nitroaniline	722		98.8	988		73.1	51-122	16.5	30
4-Nitroaniline	1,060		98.8	988		107	62-140	21.1	30
Nitrobenzene	590		49.4	988		59.7	44-105	1.62	30
2-Nitrophenol	609		49.4	988		61.7	44-114	2.75	30
4-Nitrophenol	988		494	988		100	35-138	9.35	39
N-Nitrosodiphenylamine	891		49.4	988		90.2	56-120	8.29	30
N-Nitrosodi-n-propylamine	600		49.4	988		60.8	29-97	2.81	33
Pentachlorophenol	640		98.8	988		64.8	10-126	7.69	45
Phenanthrene	781		49.4	988		79.1	52-121	11.4	30
Phenol	583		49.4	988		59.0	32-96	4.56	38
Pyrene	704		49.4	988		71.3	39-129	3.59	34
1,2,4-Trichlorobenzene	555		49.4	988		56.2	24-105	2.69	34
2,4,5-Trichlorophenol	728		49.4	988		73.7	52-121	2.96	30
2,4,6-Trichlorophenol	572		49.4	988		57.9	48-113	7.70	30

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

Blank (B0J2902-BLK1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	510		749	68.1	32-105
Surr: Phenol-d5	530		749	70.8	39-104
Surr: 2-Chlorophenol-d4	482		749	64.4	38-105
Surr: 1,2-Dichlorobenzene-d4	335		499	67.2	37-103
Surr: Nitrobenzene-d5	356		499	71.4	39-109
Surr: 2-Fluorobiphenyl	364		499	73.0	44-107
Surr: 2,4,6-Tribromophenol	540		749	72.1	38-126
Surr: Terphenyl-d14	321		499	64.4	56-127

Blank (B0J2902-BLK1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
Acenaphthene	U		49.9
Acenaphthylene	U		49.9
Acetophenone	U		49.9
Anthracene	U		49.9
Atrazine	U		49.9
Benzaldehyde	U		99.8
Benzoic acid	U		499
Benzo (a) anthracene	U		49.9
Benzo (a) pyrene	U		49.9
Benzo (b) fluoranthene	U		49.9
Benzo (g,h,i) perylene	U		49.9
Benzo (k) fluoranthene	U		49.9
Benzyl alcohol	U		49.9
1,1'-Biphenyl	U		49.9

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

Blank (B0J2902-BLK1)

Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
Bis(2-chloroethoxy)methane	U		49.9
Bis(2-chloroethyl)ether	U		49.9
Bis(2-chloroisopropyl)ether	U		49.9
Bis(2-ethylhexyl)phthalate	U		499
4-Bromophenyl phenyl ether	U		49.9
Butyl benzyl phthalate	U		499
Carbazole	U		49.9
Caprolactam	U		99.8
4-Chloroaniline	U		49.9
2-Chloronaphthalene	U		49.9
2-Chlorophenol	U		49.9
4-Chlorophenyl phenyl ether	U		49.9
4-Chloro-3-methylphenol	U		49.9
Chrysene	U		49.9
Dibenzofuran	U		49.9
Dibenz (a,h) anthracene	U		49.9
1,2-Dichlorobenzene	U		49.9
1,3-Dichlorobenzene	U		49.9
1,4-Dichlorobenzene	U		49.9
3,3´-Dichlorobenzidine	U		49.9
2,4-Dichlorophenol	U		49.9
Diethyl phthalate	U		499
2,4-Dimethylphenol	U		99.8
Dimethyl phthalate	U		499
2,4-Dinitrophenol	U		499
2,4-Dinitrotoluene	U		99.8
2,6-Dinitrotoluene	U		99.8

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

Blank (B0J2902-BLK1)

Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
4,6-Dinitro-2-methylphenol	U		499
Di-n-butyl phthalate	U		499
Di-n-octyl phthalate	U		499
Fluoranthene	U		49.9
Fluorene	U		49.9
Hexachlorobenzene	U		49.9
Hexachlorobutadiene	U		49.9
Hexachlorocyclopentadiene	U		499
Hexachloroethane	U		49.9
Indeno (1,2,3-cd) pyrene	U		49.9
Isophorone	U		49.9
2-Methylnaphthalene	U		49.9
2-Methylphenol	U		49.9
3 &/or 4-Methylphenol	U		49.9
Naphthalene	U		49.9
2-Nitroaniline	U		99.8
3-Nitroaniline	U		99.8
4-Nitroaniline	U		99.8
Nitrobenzene	U		49.9
2-Nitrophenol	U		49.9
4-Nitrophenol	U		499
N-Nitrosodiphenylamine	U		49.9
N-Nitrosodi-n-propylamine	U		49.9
Pentachlorophenol	U		99.8
Phenanthrene	U		49.9
Phenol	U		49.9
Pyrene	U		49.9

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

Blank (B0J2902-BLK1)

Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
1,2,4-Trichlorobenzene	U		49.9
2,4,5-Trichlorophenol	U		49.9
2,4,6-Trichlorophenol	U		49.9

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

LCS (B0J2902-BS1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 2-Fluorophenol	532		749	70.9	32-105
Surr: Phenol-d5	566		749	75.6	39-104
Surr: 2-Chlorophenol-d4	514		749	68.5	38-105
Surr: 1,2-Dichlorobenzene-d4	351		500	70.2	37-103
Surr: Nitrobenzene-d5	375		500	75.0	39-109
Surr: 2-Fluorobiphenyl	379		500	75.8	44-107
Surr: 2,4,6-Tribromophenol	577		749	77.1	38-126
Surr: Terphenyl-d14	349		500	69.8	56-127

LCS (B0J2902-BS1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Acenaphthene	731		50.0	999	73.2	43-106
Acenaphthylene	763		50.0	999	76.4	48-111
Acetophenone	748		50.0	999	74.9	36-110
Anthracene	796		50.0	999	79.7	53-123
Atrazine	863		50.0	999	86.4	63-133
Benzaldehyde	640		99.9	999	64.1	21-102
Benzoic acid	446		500	999	44.6	10-115
Benzo (a) anthracene	857		50.0	999	85.8	58-129
Benzo (a) pyrene	954		50.0	999	95.5	69-125
Benzo (b) fluoranthene	866		50.0	999	86.7	65-126
Benzo (g,h,i) perylene	1,070		50.0	999	107	50-137
Benzo (k) fluoranthene	904		50.0	999	90.5	59-135
Benzyl alcohol	792	J	50.0	999	79.3	44-106
1,1'-Biphenyl	746		50.0	999	74.7	40-118

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

LCS (B0J2902-BS1)

Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Bis(2-chloroethoxy)methane	732		50.0	999	73.3	48-103
Bis(2-chloroethyl)ether	709		50.0	999	71.0	31-104
Bis(2-chloroisopropyl)ether	707		50.0	999	70.8	36-102
Bis(2-ethylhexyl)phthalate	837		500	999	83.8	56-153
4-Bromophenyl phenyl ether	765		50.0	999	76.6	55-116
Butyl benzyl phthalate	948		500	999	94.9	59-140
Carbazole	880		50.0	999	88.1	61-133
Caprolactam	924		99.9	999	92.5	48-156
4-Chloroaniline	729		50.0	999	73.0	35-102
2-Chloronaphthalene	726		50.0	999	72.7	48-105
2-Chlorophenol	724		50.0	999	72.5	34-102
4-Chlorophenyl phenyl ether	755		50.0	999	75.6	48-119
4-Chloro-3-methylphenol	739		50.0	999	74.0	40-129
Chrysene	839		50.0	999	84.0	58-128
Dibenzofuran	751		50.0	999	75.2	50-111
Dibenz (a,h) anthracene	1,130		50.0	999	114	62-135
1,2-Dichlorobenzene	668		50.0	999	66.9	39-97
1,3-Dichlorobenzene	652		50.0	999	65.3	38-95
1,4-Dichlorobenzene	659		50.0	999	66.0	33-93
3,3´-Dichlorobenzidine	990		50.0	999	99.1	54-148
2,4-Dichlorophenol	706		50.0	999	70.7	50-117
Diethyl phthalate	809		500	999	81.0	51-136
2,4-Dimethylphenol	607		99.9	999	60.8	28-111
Dimethyl phthalate	774		500	999	77.5	56-117
2,4-Dinitrophenol	379		500	999	37.9	10-129
2,4-Dinitrotoluene	874		99.9	999	87.5	49-122
2,6-Dinitrotoluene	843		99.9	999	84.4	56-120

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

LCS (B0J2902-BS1)

Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
4,6-Dinitro-2-methylphenol	418		500	999	41.8	10-130
Di-n-butyl phthalate	906		500	999	90.7	51-148
Di-n-octyl phthalate	896		500	999	89.7	61-138
Fluoranthene	853		50.0	999	85.4	60-130
Fluorene	769		50.0	999	77.0	51-116
Hexachlorobenzene	749		50.0	999	75.0	55-116
Hexachlorobutadiene	686		50.0	999	68.7	47-102
Hexachlorocyclopentadiene	918		500	999	91.9	21-113
Hexachloroethane	673		50.0	999	67.4	36-96
Indeno (1,2,3-cd) pyrene	1,110		50.0	999	111	62-133
Isophorone	755		50.0	999	75.6	49-103
2-Methylnaphthalene	731		50.0	999	73.2	50-105
2-Methylphenol	697		50.0	999	69.8	43-102
3 &/or 4-Methylphenol	715		50.0	999	71.6	46-106
Naphthalene	705		50.0	999	70.6	46-102
2-Nitroaniline	867		99.9	999	86.8	53-124
3-Nitroaniline	881		99.9	999	88.2	51-122
4-Nitroaniline	982		99.9	999	98.3	62-140
Nitrobenzene	728		50.0	999	72.9	44-105
2-Nitrophenol	761		50.0	999	76.2	44-114
4-Nitrophenol	852		500	999	85.3	37-130
N-Nitrosodiphenylamine	948		50.0	999	94.9	56-120
N-Nitrosodi-n-propylamine	745		50.0	999	74.6	37-100
Pentachlorophenol	553		99.9	999	55.3	10-117
Phenanthrene	759		50.0	999	76.0	52-121
Phenol	683		50.0	999	68.4	39-102
Pyrene	773		50.0	999	77.4	52-122

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

Semivolatiles by EPA Method 8270 - GC/MS (Low Level) - Quality Control

Batch: B0J2902 **Sample Type: Solid**

LCS (B0J2902-BS1)

Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets (Continued)

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
1,2,4-Trichlorobenzene	704		50.0	999	70.5	40-101
2,4,5-Trichlorophenol	686		50.0	999	68.7	52-121
2,4,6-Trichlorophenol	727		50.0	999	72.8	48-113

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0J2702 **Sample Type: Liquid**

Blank (B0J2702-BLK1)
Prepared: 10/27/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	22,200		19,900	112	70-130
Surr: 1-Chlorooctadecane	24,000		19,900	121	70-130

Blank (B0J2702-BLK1)
Prepared: 10/27/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Diesel Range Organics	U		4,970
Oil Range Organics	U		4,970
Gasoline Range Organics	U		4,970
TPH	U		4,970

LCS (B0J2702-BS1)
Prepared: 10/27/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	20,900		19,100	109	70-130
Surr: 1-Chlorooctadecane	23,000		19,100	120	70-130

LCS (B0J2702-BS1)
Prepared: 10/27/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Gasoline Range Organics	125,000		4,770	95,500	131 #	75-125

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0J2702 **Sample Type: Liquid**

LCS (B0J2702-BS2)
Prepared: 10/27/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	19,700		19,100	103	70-130
Surr: 1-Chlorooctadecane	21,000		19,100	110	70-130

LCS (B0J2702-BS2)
Prepared: 10/27/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Diesel Range Organics	90,500		4,770	95,300	95.0	75-125

Matrix Spike (B0J2702-MS1)
Source: 1010029-02 Prepared: 10/27/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	17,600		18,200	96.8	70-130
Surr: 1-Chlorooctadecane	19,300		18,200	106	70-130

Matrix Spike (B0J2702-MS1)
Source: 1010029-02 Prepared: 10/27/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Gasoline Range Organics	127,000		4,560	91,100		140 #	75-125

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0J2702 **Sample Type: Liquid**

Matrix Spike Dup (B0J2702-MSD1)

Source: 1010029-02 Prepared: 10/27/2010 Analyzed: 10/27/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	21,500		18,500	116	70-130
Surr: 1-Chlorooctadecane	22,500		18,500	122	70-130

Matrix Spike Dup (B0J2702-MSD1)

Source: 1010029-02 Prepared: 10/27/2010 Analyzed: 10/27/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Gasoline Range Organics	129,000		4,620	92,300		140	# 75-125	1.78	20

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0J2905 **Sample Type: Solid**

Blank (B0J2905-BLK1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	206,000		194,000	106	70-130
Surr: 1-Chlorooctadecane	220,000		194,000	113	70-130

Blank (B0J2905-BLK1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
Diesel Range Organics	U		48,400
Oil Range Organics	U		48,400
Gasoline Range Organics	U		48,400
TPH	U		48,400

LCS (B0J2905-BS1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	199,000		193,000	103	70-130
Surr: 1-Chlorooctadecane	211,000		193,000	110	70-130

LCS (B0J2905-BS1)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Gasoline Range Organics	1,050,000		48,200	963,000	109	75-125

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0J2905 **Sample Type: Solid**

LCS (B0J2905-BS2)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	202,000		191,000	106	70-130
Surr: 1-Chlorooctadecane	211,000		191,000	110	70-130

LCS (B0J2905-BS2)
Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Diesel Range Organics	1,050,000		47,800	956,000	110	75-125

Matrix Spike (B0J2905-MS1)
Source: 1010010-02 Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	184,000		201,000	91.6	70-130
Surr: 1-Chlorooctadecane	194,000		201,000	96.8	70-130

Matrix Spike (B0J2905-MS1)
Source: 1010010-02 Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Gasoline Range Organics	1,000,000		50,100	1.00E6		100	75-125

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0J2905 **Sample Type: Solid**

Matrix Spike Dup (B0J2905-MSD1)

Source: 1010010-02 Prepared: 10/29/2010 Analyzed: 10/29/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	186,000		189,000	98.4	70-130
Surr: 1-Chlorooctadecane	207,000		189,000	110	70-130

Matrix Spike Dup (B0J2905-MSD1)

Source: 1010010-02 Prepared: 10/29/2010 Analyzed: 10/29/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Gasoline Range Organics	1,010,000		47,200	945,000		107	75-125	0.29	20

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0K0203 **Sample Type: Solid**

Blank (B0K0203-BLK1)
Prepared: 11/2/2010 Analyzed: 11/2/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	167,000		190,000	88.0	70-130
Surr: 1-Chlorooctadecane	165,000		190,000	87.0	70-130

Blank (B0K0203-BLK1)
Prepared: 11/2/2010 Analyzed: 11/2/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit
Diesel Range Organics	U		47,500
Oil Range Organics	U		47,500
Gasoline Range Organics	U		47,500
TPH	U		47,500

LCS (B0K0203-BS1)
Prepared: 11/2/2010 Analyzed: 11/2/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	158,000		183,000	86.4	70-130
Surr: 1-Chlorooctadecane	161,000		183,000	87.8	70-130

LCS (B0K0203-BS1)
Prepared: 11/2/2010 Analyzed: 11/2/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Gasoline Range Organics	867,000		45,800	917,000	94.6	75-125

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

TPH by Texas Method 1005 (GC-FID) - Quality Control

Batch: B0K0203 **Sample Type: Solid**

LCS (B0K0203-BS2)
Prepared: 11/2/2010 Analyzed: 11/2/2010

Surrogates

ANALYTE	Result µg/kg(dry)	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: 1-Chlorooctane	171,000		192,000	88.8	70-130
Surr: 1-Chlorooctadecane	167,000		192,000	86.9	70-130

LCS (B0K0203-BS2)
Prepared: 11/2/2010 Analyzed: 11/2/2010

Targets

ANALYTE	Result µg/kg(dry)	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Diesel Range Organics	853,000		48,100	961,000	88.8	75-125

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Hillcrest Env. Investigation

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	PCBA	TPH	REMARKS
MW6	10/19	1118		X	SOMW601	9	X	X	
MW6	10/19	1126		X	SOMW602	16	X	X	Extra vol for MS/MSD
GP20	10/19	1540		X	SOGP2001	9	X	X	
					TRIP BLANKS	2			
					Temp Blank	1			

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	10/19/10 1830					
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks		
		Isaac Harris	10/19/10 8:50	Sample Temp: 1°C		

Shipped by: FED EX

Airbill Number: 8705 3918 9558

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

EPA 7500-53
(11/96)

6-20187

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY
OFFICIAL
CHAIN OF CUSTODY RECORD

PROJ. NO.
PROJECT NAME: Hillcrest Community Environmental Investigation
SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CON-TAINERS	VOA	PAH (ABN)	TPH	REMARKS
MW3	10/19	0900		X	SOMW301	8	X	X	X	1-4oz jar short for ABN vol.
GP10		1106		X	SOGP1001	9	X	X	X	
MW1		1346		X	SOMW101	9	X	X	X	
MW2		1419		X	SOMW201	9	X	X	X	
MW2	10/19	1420		X	SOMW202	9	X	X	X	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	10/19/2010 1800				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
			10/20/10 8:55	Sample Temp: 1°C	

Shipped by:
Airbill Number:

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

EPA 7500-53
(11/96)

6-20208

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Hillcrest Community Env. Investigation

SAMPLERS: (Signature) [signature]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CON-TAINERS	VOA 8260 (PAH) TPH	REMARKS
MW4	10/20	0830		X	SOMW401	9	X X X	
MW5	10/20	0855		X	SOMW501	9	X X X	
MW7	10/20	1055		X	SOMW701	9	X X X	
MW8	10/20	1432		X	SOMW801	9	X X X	
MW8	10/20	1435		X	SOMW802	9	X X X	
MW8	10/20	1435		X	SOMW803	9	X X X	
					TRIP BLANKS	2		
					TEMP BLANK	1		

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[signature]	10/20/10 1815				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Isaiah Harris	Date / Time 10/21/10 10:50	Remarks Sample Temp: 1°C	

Shipped by: Airbill Number:

EPA 7500-53 (11/96)

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

6-20188

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL
CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Hillcrest Community Env. Investigation

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOA	BTEX/PAHs	TPH	REMARKS
MW6	10/21	1510		X	GWMW601	10	X	X	X	
MW2	10/21	1650		X	GWMW201	10	X	X	X	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	10/24/10 1830				

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)

Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks
		Isaah Harris	10/22/10 9:00	Sample Temp: 1°C

Shipped by: Airbill Number:

EPA 7500-53 (11/96)

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

6-20189

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Hillcrest Community Env. Investigation

SAMPLERS (Signature): [illegible]

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CON-TAINERS	REMARKS
SB2	10/21	0932		X	SOSB202	9	VOA (Soil) ABN (PAHs) Soil TPH (Soil) Metals Soil MBN (Water) Metals Water TPH (Water) Soil
SB24		0930		X	SOSB2601	9	
SB12		1124		X	SOSB1201	9	
SB19	10/21	1610		X	SOSB1901	9	
~~MW6~~				X	~~GWMW601~~	10	GW
~~MW2~~				X	~~GWMW201~~	10	GW

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
[illegible]	10/21/10 1830				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) Isaac Harris	Date / Time 10/22/10 9:00	Remarks Sample Temp: 1°C	

Shipped by: Airbill Number:

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

EPA 7500-53 (11/96)

6-20204

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Hillcrest Community Env. Inv.

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOA	SPH	TPH (GRO)	REMARKS
MW1	10/21	1015		X	GWMW 101	10	X	X	X	MS/MSD for VOA & TPH
MW5	10/21	1210		X	GWMW 501	22	X	X	X	Do to number of sample jars required could not provide MS/MSD for PAH analysis

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	10/23/10 0930				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature), Isaah Harris	Date / Time 10/25/10 8:45	Remarks Sample Temp: 2°C	

Shipped by: Fed Ex

Airbill Number: 8717596357 61

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

EPA 7500-53 (11/96)

6-20205

Environmental Protection Agency

Region 6 Laboratory

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

ENVIRONMENTAL PROTECTION AGENCY

OFFICIAL

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: Hillcrest Community Env. Inv.

SAMPLERS: (Signature)

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CON-TAINERS	VOA PAH (MS/MSD) TPH	REMARKS
MW4	10/22	1510		X	GWMW401	10	XXX	
MW7	10/22	1635		X	GWMW701	10	XXX	
MW8	10/22	1605		X	GWMW801	10	XXX	
Temp Blank								

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	10/23/10 0930				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) I Sayd Harris	Date / Time 10/25/10 8:45	Remarks Sample Temp: 3°C	

Shipped by: Fed Ex Airbill Number: 8705 3918 9650

Distribution: White Accompanies Shipment; Yellow to Coordinator Field Files; Pink to Report; Goldenrod Returns with Warrant

EPA 7500-53 (11/96)

6-20206

Environmental Protection Agency

Region 6 Laboratory

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

Notes and Definitions

The units for surrogates on VOA solid samples are reported in µg/L instead of the expected µg/Kg for a solid sample. The difference is because the surrogate spiking procedure is a post sample preparation addition, and the units are based on the concentration of the surrogate in the diluted extract, not the solid sample.

RL	The reporting limit for this analyte was raised because absence or presence at the routine or lower value could not be verified"
K	The identification of the analyte is acceptable; the reported value may be biased high. The actual value is expected to be less than the reported value.
J	The identification of the analyte is acceptable; the reported value is an estimate.
B	Blank Related - The concentration found in the sample was less than 10X the concentration found in the associated extraction, digestion and/or analysis blank. Presence in the sample is therefore suspect.
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.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Environmental Protection Agency

Region 6 Laboratory

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

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.