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ANALYTICAL REPORT

PROJECT NO. 142541

Focus/US Filter Westates TCO/G

Lot #: H6D030231

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ANALYTICAL METHODS SUMMARY

H6D030231

PARAMETER	ANALYTICAL METHOD
Gravimetric Analysis (GRA V)	EPA-18 GRAV
Total Chromatographable O rganics (TCO) Analysis	EPA-18 TCO

References:

EPA-18 "GUIDANCE FOR TOTAL ORGANICS," EPA/600/R-96/033, MARCH 1996.

SAMPLE SUMMARY

H6D030231

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H2H0E	001	G-2931/2932-R1-MM5 FRONT HALF COMPOSITE TRAIN C	03/28/06	
H2H0G	002	G-2933/2934-R1-MM5 BACK HALF COMPOSITE TRAIN C	03/28/06	
H2H0H	003	G-2935/2936-R1-MM5 IMPINGER COMPOSITE TRAIN C	03/28/06	
H2H0J	004	G-3043/3044-R2-MM5 FRONT HALF COMPOSITE TRAIN C	03/29/06	
H2H0M	005	G-3045/3046-R2-MM5 BACK HALF COMPOSITE TRAIN C	03/29/06	
H2H0N	006	G-3047/3048-R2-MM5 IMPINGER COMPOSITE TRAIN C	03/29/06	
H2H0R	007	G-3115/3116-R3-MM5 FRONT HALF COMPOSITE TRAIN C	03/30/06	
H2H0W	008	G-3117/3118-R3-MM5 BACK HALF COMPOSITE TRAIN C	03/30/06	
H2H0X	009	G-3119/3120-R3-MM5 IMPINGER COMPOSITE TRAIN C	03/30/06	
H2H00	010	G-3121/3122-R3-MM5 FRONT HALF COMPOSITE BT C	03/29/06	
H2H01	011	G-3123/3124-R3-MM5 BACK HALF COMPOSITE BT C	03/29/06	
H2H02	012	G-3125/3126-R3-MM5 IMPINGER COMPOSITE BT C	03/29/06	
H2H03	013	G-3127-R3-MM5 TRAIN C XAD-2 TRIP/RB	03/30/06	
H2H05	014	A-5380 MEDIA CHECK XAD	03/28/06	
H2H06	015	A-5382 MEDIA CHECK FILTER	03/28/06	

NOTE(S):

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

PROJECT NARRATIVE
H6D030231

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Custody seals were not present upon sample receipt at STL Knoxville; however, the samples were hand delivered.

The "Relinquished by" field on the chain of custody documentation did not contain a signature.

Quality Control

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

TCO/GRAV Sampling Train Preparation and Analysis

The semi-volatile organic sampling train components were extracted and analyzed for total chromatographable organics (TCO) and total gravimetric organics (GRAV) using STL Knoxville standard operating procedures KNOX-OP-0009 and KNOX-GC-0010, based on the following methods:

- SW-846 3542, "Extraction of Semivolatile Analytes Collected Using Method 0010 (Modified Method 5 Sampling Train)"
- SW-846 8015B, "Nonhalogenated Organics Using GC/FID"
- U.S. EPA "Guidance for Total Organics" (1996)

The sampling trains are prepared as three analytical fractions: The particulate filter and front half of the filter holder, nozzle and probe solvent rinses are combined as one sample. The XAD-2 resin trap and back half of the filter holder, coil condenser and

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PROJECT NARRATIVE
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connecting glassware solvent rinses are combined as a separate sample. The condensate, impinger contents and their related glassware solvent rinses make up a third sample.

The filters and XAD components are spiked with the TCO surrogates and the components are Soxhlet extracted with methylene chloride. The condensates are spiked with the surrogates and extracted using a continuous liquid-liquid extractor. The extracts are concentrated to 10 mL and split in half with one portion for TCO analysis and the other for GRAV analysis.

Gas chromatography is used to determine the concentration of total chromatographable organics in the extracts. Detection, identification and quantification of the semi-volatile organic target analytes is done using a gas chromatograph with a flame ionization detector (GC/FID). This technique is non-specific in that all co-extracted organic compounds that elute between n-heptane and n-heptadecane, and render a flame ionization detector response, are detected. This range of elution approximately corresponds to the boiling range of 100°C to 300°C. The surrogate compound, n-heptadecane, is used to quantify sample recovery. Another surrogate compound, n-heptane, is also added to every sample, and the two surrogates are used to define the retention time window for TCO.

Total gravimetric organics are determined by evaporating a filtered portion of the sample extract at room temperature and determining the residue weight by difference. Residues having a boiling point of approximately 300°C and higher are determined by this procedure.

The preparation and analysis of method blanks is used to evaluate background response. Results are blank corrected by subtraction of the laboratory method blank result. The preparation and analysis of laboratory control samples are used to monitor test method performance. Gravimetric audit samples provide additional measurement of accuracy and precision for the gravimetric part of the test method.

TCO extract concentrations are calculated from peak areas as compared to a five point calibration curve. Sample results are calculated using the following equations:

$$\text{TCO Result, mg} = (\text{Extract concentration, mg / L}) * \text{Volume final extract, L} * \left(\frac{\text{Total Sample Volume, L}}{\text{Volume Sample Extracted, L}} \right)$$

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$$\text{GRAV Result, mg} = (\text{Average Weight Sample and Beaker, mg} - \text{Beaker Tare Weight, mg}) * \text{SF} * \left(\frac{\text{Total Sample Volume, L}}{\text{Volume Sample Extracted, L}}\right)$$

Where: SF = Split Factor = $\left(\frac{\text{Volume Final Extract, mL}}{\text{Volume GRAV Extract, mL}}\right)$, which is typically 10 mL/5 mL.

Note: The term $\left(\frac{\text{Total Sample Volume, L}}{\text{Volume Sample Extracted, L}}\right) = 1$ for all non-aqueous samples and is used when the volume of condensate exceeds one liter.
All sample results for TCO and GRAV are blank corrected using the following equation:

$$\text{Final Result, } mg = (Sample\ \text{Re}\,sult, mg - Method\ Blank\ \text{Re}\,sult, mg)$$

A dilution factor was applied to the condensate portion of the analysis due to the initial volume of sample extracted. Only a portion of the total volume of condensate was used for this analysis. The dilution was used to properly adjust the results and reporting limits for the total amount of sample.

During review of the data, it appears that some of the Run 3 and Run 3 Blank Train samples may have been switched. The largest discrepancies appear for the condensate and filter fractions of the TCO analysis. However, this was not consistent with the GRAV analysis because the values were much lower.

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Sample Data Summary

STL Knoxville - ACS

Client Sample ID: G-2931/2932-R1-MM5 FRONT HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-001
Date Sampled...: 03/28/06
Prep Date.....: 04/05/06
Prep Batch #...: 6095031
Dilution Factor: 1

Work Order #...: H2H0E1AA
Date Received..: 04/02/06
Analysis Date..: 04/16/06

Matrix.....: AIR

Method.....: EPA-18 TCO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	0.34	0.050	mg	0.0050

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	89	(50 - 150)

STL Knoxville - ACS

Client Sample ID: G-2933/2934-R1-MM5 BACK HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-002
Date Sampled...: 03/28/06
Prep Date.....: 04/05/06
Prep Batch #...: 6095032
Dilution Factor: 10

Work Order #...: H2H0G1AA
Date Received..: 04/02/06
Analysis Date..: 04/16/06
Method.....: EPA-18 TCO

Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	4.0 B	0.50	mg	0.050

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	NC,DIL	(50 - 150)

NOTE(S):

NC The recovery and/or RPD were not calculated.

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

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

STL Knoxville - ACS

Client Sample ID: G-2935/2936-R1-MM5 IMPINGER COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-003 Work Order #...: H2H0H1AA Matrix.....: AIR
Date Sampled...: 03/28/06 Date Received..: 04/02/06
Prep Date.....: 04/05/06 Analysis Date..: 04/16/06
Prep Batch #...: 6095033
Dilution Factor: 2.53 Method.....: EPA-18 TCO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	0.98 B	0.13	mg	0.018

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	92	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3043/3044-R2-MM5 FRONT HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-004 **Work Order #...:** H2H0J1AA **Matrix.....:** AIR
Date Sampled...: 03/29/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/16/06
Prep Batch #...: 6095031
Dilution Factor: 1 **Method.....:** EPA-18 TCO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.23**	**0.050**	**mg**	**0.0050**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	81	(50 - 150)

STL Knoxville - ACS

Client Sample ID: G-3045/3046-R2-MM5 BACK HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-005	**Work Order #...:**	H2H0M1AA	**Matrix.....:**	AIR
Date Sampled...:	03/29/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095032				
Dilution Factor:	5	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**1.4 B**	**0.25**	**mg**	**0.025**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	86	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3047/3048-R2-MM5 IMPINGER COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-006	**Work Order #...:**	H2H0N1AA	**Matrix.....:**	AIR
Date Sampled...:	03/29/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095033				
Dilution Factor:	2.24	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**1.2 B**	**0.11**	**mg**	**0.016**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	107	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3115/3116-R3-MM5 FRONT HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-007 **Work Order #...:** H2H0R1AA **Matrix.....:** AIR
Date Sampled...: 03/30/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/16/06
Prep Batch #...: 6095031
Dilution Factor: 1 **Method.....:** EPA-18 TCO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.077**	**0.050**	**mg**	**0.0050**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	87	(50 - 150)

STL Knoxville - ACS

Client Sample ID: G-3117/3118-R3-MM5 BACK HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-008	Work Order #...:	H2H0W1AA	Matrix.....:	AIR
Date Sampled...:	03/30/06	Date Received..:	04/02/06		
Prep Date.....:	04/05/06	Analysis Date..:	04/16/06		
Prep Batch #...:	6095032				
Dilution Factor:	3	Method.....:	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	1.8 B	0.15	mg	0.015

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	101	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3119/3120-R3-MM5 IMPINGER COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-009	**Work Order #...:**	H2H0X1AA	**Matrix.....:**	AIR
Date Sampled...:	03/30/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095033				
Dilution Factor:	2.32	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.047 J,B**	**0.12**	**mg**	**0.016**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	105	(50 - 150)

NOTE(S):

J Estimated result. Result is less than RL.

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

STL Knoxville - ACS

Client Sample ID: G-3121/3122-R3-MM5 FRONT HALF COMPOSITE BT C

GC Semivolatiles

Lot-Sample #...:	H6D030231-010	**Work Order #...:**	H2H001AA	**Matrix.....:**	AIR
Date Sampled...:	03/29/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095031				
Dilution Factor:	1	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.22**	**0.050**	**mg**	**0.0050**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	89	(50 - 150)

STL Knoxville - ACS

Client Sample ID: G-3123/3124-R3-MM5 BACK HALF COMPOSITE BT C

GC Semivolatiles

Lot-Sample #...:	H6D030231-011	**Work Order #...:**	H2H011AA	**Matrix.....:**	AIR
Date Sampled...:	03/29/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095032				
Dilution Factor:	3	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**1.1 B**	**0.15**	**mg**	**0.015**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	93	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3125/3126-R3-MM5 IMPINGER COMPOSITE BT C

GC Semivolatiles

Lot-Sample #...:	H6D030231-012	**Work Order #...:**	H2H021AA	**Matrix.....:**	AIR
Date Sampled...:	03/29/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095033				
Dilution Factor:	1	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.49 B**	**0.050**	**mg**	**0.0070**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	99	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3127-R3-MM5 TRAIN C XAD-2 TRIP/RB

GC Semivolatiles

Lot-Sample #...:	H6D030231-013	**Work Order #...:**	H2H031AA	**Matrix.....:**	AIR
Date Sampled...:	03/30/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095032				
Dilution Factor:	1	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.15 B**	**0.050**	**mg**	**0.0050**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	104	(50 - 150)

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: A-5380 MEDIA CHECK XAD

GC Semivolatiles

Lot-Sample #...: H6D030231-014 **Work Order #...:** H2H051AA **Matrix.....:** AIR
Date Sampled...: 03/28/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/16/06
Prep Batch #...: 6095032
Dilution Factor: 1 **Method.....:** EPA-18 TCO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	ND	0.050	mg	0.0050

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	106	(50 - 150)

STL Knoxville - ACS

Client Sample ID: A-5382 MEDIA CHECK FILTER

GC Semivolatiles

Lot-Sample #...:	H6D030231-015	**Work Order #...:**	H2H061AA	**Matrix.....:**	AIR
Date Sampled...:	03/28/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/16/06		
Prep Batch #...:	6095031				
Dilution Factor:	1	**Method.....:**	EPA-18 TCO		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Chromatographable Organics	**0.0060 J**	**0.050**	**mg**	**0.0050**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
n-Heptadecane	97	(50 - 150)

NOTE(S):

J Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-2931/2932-R1-MM5 FRONT HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-001	**Work Order #...:**	H2H0E1AC	**Matrix.....:**	AIR
Date Sampled...:	03/28/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/23/06		
Prep Batch #...:	6095034				
Dilution Factor:	1	**Method.....:**	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	**0.47 J,B**	**0.50**	**mg**	**0.18**

NOTE(S):

J Estimated result. Result is less than RL.

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

STL Knoxville - ACS

Client Sample ID: G-2933/2934-R1-MM5 BACK HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-002	**Work Order #...:**	H2H0G1AC	**Matrix.....:**	AIR
Date Sampled...:	03/28/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/23/06		
Prep Batch #...:	6095035				
Dilution Factor:	1	**Method.....:**	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	**1.9 B**	**0.50**	**mg**	**0.25**

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-2935/2936-R1-MM5 IMPINGER COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-003 Work Order #...: H2H0H1AC Matrix.....: AIR
Date Sampled...: 03/28/06 Date Received..: 04/02/06
Prep Date.....: 04/05/06 Analysis Date..: 04/23/06
Prep Batch #...: 6095036
Dilution Factor: 2.53 Method.....: EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	0.68 J	1.3	mg	0.63

NOTE(S):

J Estimated result. Result is less than RL.

STL Knoxville - ACS

Client Sample ID: G-3043/3044-R2-MM5 FRONT HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-004	Work Order #...:	H2H0J1AC	Matrix.....:	AIR
Date Sampled...:	03/29/06	Date Received..:	04/02/06		
Prep Date.....:	04/05/06	Analysis Date..:	04/23/06		
Prep Batch #...:	6095034				
Dilution Factor:	1	Method.....:	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	0.40 J,B	0.50	mg	0.18

NOTE(S):

J Estimated result. Result is less than RL.

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

STL Knoxville - ACS

Client Sample ID: G-3045/3046-R2-MM5 BACK HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-005 Work Order #...: H2H0M1AC Matrix.....: AIR
Date Sampled...: 03/29/06 Date Received..: 04/02/06
Prep Date.....: 04/05/06 Analysis Date..: 04/23/06
Prep Batch #...: 6095035
Dilution Factor: 1 Method.....: EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	1.3 B	0.50	mg	0.25

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3047/3048-R2-MM5 IMPINGER COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-006 **Work Order #...:** H2H0N1AC **Matrix.....:** AIR
Date Sampled...: 03/29/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/23/06
Prep Batch #...: 6095036
Dilution Factor: 2.24 **Method.....:** EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	ND	1.1	mg	0.56

STL Knoxville - ACS

Client Sample ID: G-3115/3116-R3-MM5 FRONT HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...:	H6D030231-007	**Work Order #...:**	H2H0R1AC	**Matrix.....:**	AIR
Date Sampled...:	03/30/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/23/06		
Prep Batch #...:	6095034				
Dilution Factor:	1	**Method.....:**	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	**0.47 J,B**	**0.50**	**mg**	**0.18**

NOTE(S):

J Estimated result. Result is less than RL.

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

STL Knoxville - ACS

Client Sample ID: G-3117/3118-R3-MM5 BACK HALF COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-008 Work Order #...: H2H0W1AC Matrix.....: AIR
Date Sampled...: 03/30/06 Date Received..: 04/02/06
Prep Date.....: 04/05/06 Analysis Date..: 04/23/06
Prep Batch #...: 6095035
Dilution Factor: 1 Method.....: EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	1.2 B	0.50	mg	0.25

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3119/3120-R3-MM5 IMPINGER COMPOSITE TRAIN C

GC Semivolatiles

Lot-Sample #...: H6D030231-009 **Work Order #...:** H2H0X1AC **Matrix.....:** AIR
Date Sampled...: 03/30/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/23/06
Prep Batch #...: 6095036
Dilution Factor: 2.32 **Method.....:** EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	ND	1.2	mg	0.58

STL Knoxville - ACS

Client Sample ID: G-3121/3122-R3-MM5 FRONT HALF COMPOSITE BT C

GC Semivolatiles

Lot-Sample #...:	H6D030231-010	Work Order #...:	H2H001AC	Matrix.....:	AIR
Date Sampled...:	03/29/06	Date Received..:	04/02/06		
Prep Date.....:	04/05/06	Analysis Date..:	04/23/06		
Prep Batch #...:	6095034				
Dilution Factor:	1	Method.....:	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	0.33 J,B	0.50	mg	0.18

NOTE(S):

J Estimated result. Result is less than RL.

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

STL Knoxville - ACS

Client Sample ID: G-3123/3124-R3-MM5 BACK HALF COMPOSITE BT C

GC Semivolatiles

Lot-Sample #...:	H6D030231-011	**Work Order #...:**	H2H011AC	**Matrix.....:**	AIR
Date Sampled...:	03/29/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/23/06		
Prep Batch #...:	6095035				
Dilution Factor:	1	**Method.....:**	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	1.0 B	0.50	mg	0.25

NOTE(S):

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

STL Knoxville - ACS

Client Sample ID: G-3125/3126-R3-MM5 IMPINGER COMPOSITE BT C

GC Semivolatiles

Lot-Sample #...: H6D030231-012 **Work Order #...:** H2H021AC **Matrix.....:** AIR
Date Sampled...: 03/29/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/23/06
Prep Batch #...: 6095036
Dilution Factor: 1 **Method.....:** EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	ND	0.50	mg	0.25

STL Knoxville - ACS

Client Sample ID: G-3127-R3-MM5 TRAIN C XAD-2 TRIP/RB

GC Semivolatiles

Lot-Sample #...: H6D030231-013 **Work Order #...:** H2H031AC **Matrix.....:** AIR
Date Sampled...: 03/30/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/23/06
Prep Batch #...: 6095035
Dilution Factor: 1 **Method.....:** EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	ND	0.50	mg	0.25

STL Knoxville - ACS

Client Sample ID: A-5380 MEDIA CHECK XAD

GC Semivolatiles

Lot-Sample #...: H6D030231-014 **Work Order #...:** H2H051AC **Matrix.....:** AIR
Date Sampled...: 03/28/06 **Date Received..:** 04/02/06
Prep Date.....: 04/05/06 **Analysis Date..:** 04/23/06
Prep Batch #...: 6095035
Dilution Factor: 1 **Method.....:** EPA-18 GRAV

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	ND	0.50	mg	0.25

STL Knoxville - ACS

Client Sample ID: A-5382 MEDIA CHECK FILTER

GC Semivolatiles

Lot-Sample #...:	H6D030231-015	**Work Order #...:**	H2H061AC	**Matrix.....:**	AIR
Date Sampled...:	03/28/06	**Date Received..:**	04/02/06		
Prep Date.....:	04/05/06	**Analysis Date..:**	04/23/06		
Prep Batch #...:	6095034				
Dilution Factor:	1	**Method.....:**	EPA-18 GRAV		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Total Gravimetric Organics	**0.33 J,B**	**0.50**	**mg**	**0.18**

NOTE(S):

J Estimated result. Result is less than RL.

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