



November 13, 2015

Mr. James Fish
Alaska Department of Environmental Conservation
Division of Spill Prevention and Response
Contaminated Sites Program
610 University Avenue
Fairbanks, Alaska 99709

RE: Soil Vapor Investigation Report
Bentley Mall, Fairbanks, Alaska

Dear Mr. Fish,

On behalf of The Krausz Companies Inc. (Client) and pursuant to the May 2015 *Soil Vapor Investigation Work Plan* and the August 17, 2015 *Work Plan Addendum*, Environmental Resource Group (ERG) has prepared this Soil Vapor Investigation Report (Report) for Bentley Mall East Satellite, ADEC File #102.38.122 (Site) (Figure 1). This Report discusses the soil vapor investigation performed to assess the potential risks of vapor intrusion to residences with basements in the Charles Slater subdivision.

FIELD INVESTIGATION OF SOIL VAPOR QUALITY

In July 2014, ADEC requested an investigation to assess the potential risk of vapor intrusion to residences with basements in the Charles Slater Subdivision that are within the ground water plume. The investigation consisted of collecting 11 soil vapor samples in accordance with ADEC's Vapor Intrusion Guidance for Contaminated Sites (October 2012) at the locations shown on Figure 2. The investigation was designed to assess whether there is a potentially significant risk to human health and whether a further investigation involving indoor air samples may be warranted. As described below, investigation activities included drilling and collecting soil vapor samples at the Site. Alaska Digline (811) was notified and the boring locations were adjusted and cleared for underground utilities.

Soil Vapor Point Installation

The temporary soil vapor points were advanced by direct push by an Alaska licensed drilling contractor in the public right-of-way at locations shown on Figure 2. Each temporary vapor point was installed to 8 feet below ground surface (bgs) in a 1.25-inch diameter boring using a 1/4" vapor sampling implant with an expendable implant anchor in the bottom of the boring. The anchor ensured that the implant was not in direct contact with native soil. The implant was installed with attached tubing and a 12 inch filter pack and 6 inches to 12 inches of dry granular bentonite to prevent moisture from entering the filter pack. Hydrated bentonite was used to fill the rest of the boring to ground surface. Construction details for the soil vapor points are provided in Appendix A. To allow for the subsurface to equilibrate back to representative conditions, the sampling of soil vapor was conducted at least two hours after installation.

Soil Vapor Sampling and Analysis

Depth to water from nearby monitor wells measured at approximately 11 feet bgs and a typical basement was assumed to be approximately 8 feet bgs. Therefore, the samples were collected from approximately

8 feet bgs, coincident with the depth of a typical basement floor. A leak test using helium with a shroud was conducted at every sampling point to evaluate whether ambient air was introduced into the soil vapor sample during the collection process. Field sheets from the investigation are provided in Appendix B.

A photoionization detector (PID) was used to measure the initial soil vapor prior to purging or sampling. Once the shut-in test confirmed a tight connection, an appropriate volume was purged in to a 6L summa canister. Purge volume was calculated based on the internal volume of the tubing, the void space of the filter pack, and the void space of the dry bentonite. The volume of air purged was calculated based on the change in pressure observed in the summa canister.

The soil vapor sample was collected into a 1.4L summa canister within a sealed shroud inflated with helium. Following collection, all samples were appropriately labeled with the sample ID, date and time of collection, and sampler's initials and shipped to the laboratory under standard chain-of-custody procedures.

The soil vapor samples were analyzed for volatile organic compounds (VOCs) by EPA Method TO-15 and for fixed gases including helium by ASTM D1946.

Soil Vapor Analytical Results

The analytical results are provided in Table 1 and are compared with target levels for shallow soil vapor samples in a residential setting established by ADEC's October 2012 Vapor Intrusion Guidance to evaluate potential vapor intrusion risks. The laboratory analytical report is provided in Appendix C.

Tetrachloroethene (PCE), trichloroethene (TCE), trans-1,2 dichloroethene (trans-1,2 DCE), cis-1,2 DCE, chloroform, and Freon-11 were detected above their respective target levels in one or more soil vapor points. SV-4 and SV-5 were the only vapor points that did not have concentrations of any analytes above their respective target levels.

Figure 2 presents the concentrations of PCE, TCE, and trans-1,2 DCE detected in the soil vapor points. Elevated concentrations were detected mainly around MW-10, along Noyes Street, and along Charles Street.

Quality Assurance/Quality Control

Field QA/QC Standard Measures

In addition to the shut-in test and the leak check with helium, the following was implemented in the field as a quality control to improve confidence in the measured concentrations:

- One field duplicate and one field blank was collected.
- A down hole gauge was present on the manifold during sampling to ensure that soil vapor was not collected under high vacuum conditions.
- The sampling and purge rates were maintained between 75mL to 200mL per minute.

Leak Check with Helium Shroud

Soil vapor samples were collected into 1.4L summa canisters within a sealed shroud inflated with helium to evaluate sample integrity. Helium concentrations were not detected above the laboratory reporting limit in any of the soil vapor samples (Table 1). This reveals that ambient air was not introduced into the samples and the quality is of a high integrity.

Field Duplicate

A duplicate from SV-11 was collected in order to evaluate the precision of the overall sample collection and analysis process through the calculation of the relative percent difference (RPD) for duplicate pairs.

Based on results expressed in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), the RPDs for PCE and TCE were calculated as follows:

$$\text{PCE: } (1000 - 900) / \{(1000 + 900/2)\} \times 100\% = 10.52\%$$

$$\text{TCE: } (84 - 71) / \{(84 + 71/2)\} \times 100\% = 16.77\%$$

The RPD was less than 25% for the duplicate pair, which met QA/QC limits for the RPD. This reveals that samples are of acceptable quality were collected in the field and that subsurface conditions were represented in the samples.

Field Blank

A field blank was collected from a laboratory certified source of nitrogen gas in a matter similar to that employed to collect the soil vapor samples. The purpose of the field blank was to check that the field sampling methodology was properly implemented and that the samples acquired were of a high quality. **No helium was detected above the reporting limit in the field blank, which means there were no significant leaks within the sampling equipment,** the field sampling methodology was properly implemented, and the samples collected were of high quality.

However, the field blank had measureable concentrations of ethanol above the reporting limit and concentrations of Freon-11, PCE, toluene, acetone, and 2-propanol below the reporting limit. Reviewing the Lab Blank data shows detections of Freon-11, PCE, and acetone among several other chemicals, suggesting the potential for carryover within the laboratory equipment from previously analyzed samples containing high concentrations. It is also noted that acetone, ethanol, toluene, and 2-propanol are common laboratory contaminants (Morrison 1999).

Laboratory QA/QC Standard Measures

The laboratory implemented its own internal QA/QC measures including but not limited to method blanks, calibration checks, reporting limit verifications, instrument blanks, and laboratory control samples.

A DEC Laboratory Data Review Checklist was completed to QA/QC the laboratory analytical results and is provided in Appendix C. No discrepancies or errors that would affect data usability was noted.

Conclusions and Recommendations

The following conclusions and recommendations are based on the recent soil vapor investigation:

- All soil vapor samples analyzed are of a high quality and are representative of the subsurface conditions.
- PCE, TCE, trans-1,2 DCE, cis-1,2 DCE, chloroform, and Freon-11 were detected above their respective target levels in one or more soil vapor points.
- SV-4 and SV-5 were the only vapor points that did not have concentrations of any analytes above their respective target levels.
- Elevated concentrations were detected mainly around MW-10, along Noyes Street, and along Charles Street.
- It's recommended that an indoor air survey is performed at the residences with a potential risk to vapor intrusion
- In addition, it's also recommended that an investigation of the operational histories of commercial and industrial operations in the area to identify other potential sources of PCE, TCE, and/or trans-1,2 DCE is performed. Figure 3 presents sites listed on ADEC's database of contaminated sites that should be furthered investigated. A site conceptual model should be prepared that identifies potential contributors, presents seasonal ground water gradient, and surveys the underground utilities to identify any preferential pathways.

Please call if you have any questions or comments, or if we can be of further assistance.

Sincerely,
Environmental Resource Group, Inc.



Benjamin Wells
President

Tables
Figures
Appendix A: Soil Vapor Point Construction Details
Appendix B: Field Sheets
Appendix C: Laboratory Analytical Reports

References:

Morrison, Robert D. *Environmental Forensics*. pg. 144. September 29, 1999.

TABLES

Table 1
Soil Vapor Analytical Results
Charles Slater Subdivision, Fairbanks, Alaska

Location ID	Date	Initial PID Results	Acetone	2-Butanone	2-Hexanone	2-Propanol	4-Methyl-2-pentanone	Chloroform	Ethanol	Freon 12	Freon 11	Carbon Disulfide	Methylene Chloride	alpha-Chlorotoluene	1,1,1-Trichloroethane	Tetrachloroethene	Trichloroethene	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	Benzene	Cyclohexane	Heptane	Hexane	1,3-Butadiene	1,3-Dichlorobenzene	Styrene	Toluene	m,p-Xylene	o-Xylene	Oxygen	Nitrogen	Carbon Dioxide	Methane	Helium
		ppm	µg/m ³																								Percentage							
ADEC Target Levels		--	322000	52100	--	--	3130	11	--	1000	7300	7300	520	--	52100	420	21	630	73	31	62600	--	7300	8.1	2100	10400	52100	1000	1000	--	--	--	--	--
SV-1	9/15/2015	13.3	88J	<74*	<41*	<73*	<89*	75J	<340	85J	110J	55J	200J	<17*	<51*	73J	<90*	47000	90J	<42*	<23*	<180	<160	<46*	<50*	<34*	41J	<33*	<46*	14%	79%	6.7%	<0.00022%	<0.11%
SV-2	9/15/2015	6.4	46J	<28*	<28*	<13*	<28*	26J	<83	<54	<62	<7.4*	<10*	<11*	<12*	<19*	<12*	30000	26J	<6.7*	<6.5*	<45	<39	<5.6*	<14*	<5.7*	<41	<4.0*	<5.8*	15%	80%	5.0%	<0.00022%	<0.11%
SV-3	9/15/2015	6.8	70J	<35*	<19*	<34*	<42*	<24*	<160	47J	58J	<18*	<45*	<7.8*	<24*	40J	<42*	29000	41J	<20*	<11*	<86	<74	<22*	<24*	<16*	<79	<16*	<21*	19%	79%	2.0%	0.0003%	<0.10%
SV-4	9/15/2015	0	48J	11J	4J	<3.6*	6J	9.4J	<16	71	1800	3.1J	<4.7*	<0.81*	2.6J	12J	<4.4*	<8.7	<8.7	<2.1*	<1.1*	<9	<7.7	<2.3*	<2.4*	<1.7*	2.9J	<1.6*	<2.2*	16%	80%	3.7%	<0.00022%	<0.11%
SV-5	9/15/2015	0	37	9.9J	5.8J	<1.7*	2.4J	2.3J	<8.1	7.5	190	1.6J	<2.3*	0.88J	<1.2*	150	<2.2*	<4.3	<4.3	<1*	<0.56*	1.6J	<3.8	<1.1*	1.9J	0.82J	3.3J	0.87J	<1.1*	16%	79%	4.9%	<0.00022%	<0.11%
SV-6	9/15/2015	0.8	33J	8.6J	7.8J	<8.4*	<10*	14J	<39	10J	36	<4.4*	<11*	<1.9*	11J	1700	150	5700	13J	<4.9*	<2.7*	<21	<18	<5.4*	<5.8*	<3.9*	<20	<3.8*	<5.3*	15%	80%	5.0%	<0.00021%	<0.10%
SV-7	9/17/2015	0.3	250J	<92*	<51*	330J	<110*	<63*	<420	400	100000	56J	360J	<21*	<63*	720	<110*	170J	<62.7*	<53*	<29*	<230	<200	<58*	<62*	<42*	74J	<42*	<57*	12%	81%	7.3%	0.00067%	<0.11%
SV-8	9/17/2015	0	9.5J	2.1J	1.9J	<1.8*	<2.2*	45	<8.5	37	170	<0.96*	<2.4*	<0.42*	5.5J	630	24	52	<4.5	<1.1*	0.99J	<4.6	<4	<1.2*	<1.2*	<0.85*	1.3J	<0.83*	<1.1*	17%	79%	3.6%	<0.00022%	<0.11%
SV-9	9/17/2015	0.9	18J	6.9J	4.3J	<1.8*	2.2J	8.7	<8.4	5.8	220	1.8J	<2.4*	<0.41*	<1.2*	680	25	3.2J	<4.4	<1*	0.72J	<4.6	<3.9	<1.2*	<1.2*	<0.84*	1.8J	<0.83*	<1.1*	16%	80%	4.4%	<0.00022%	<0.11%
SV-10	9/17/2015	0	27J	<14*	<7.7*	<14*	<17*	55	<63	<42	15J	<7.2*	<18*	<3.1*	<9.5*	1100	63	13000	10J	10J	6.1J	<34	<30	<8.7*	<9.4*	<6.4*	38	9.6J	<8.6*	17%	80%	3.0%	<0.00021%	<0.10%
SV-11	9/15/2015	0.4	30	9J	6.2J	2.5J	2.9J	3J	<8.0	7.4	10	1.9J	3.6J	<0.39*	12	1000	84	440	<4.2	1.4J	1.9J	24	3.3J	1.2J	<1.2*	<0.80*	17	1.9J	<1.1*	17%	79%	3.6%	<0.00021%	<0.11%
SV-11 (Duplicate)	9/15/2015	0.4	34	9.8J	5.3J	6.7J	3.4J	2.9J	<7.7	7.4	9.3	1.9J	6.3J	<0.38*	12	900	71	400	<4.1	1.9J	3.2J	21	6.2	<1.1*	<1.1*	<0.78*	26	2.8J	1.2J	17%	80%	3.1%	<0.00027%	<0.14%
Field Blank	9/17/2015	--	5.2J	<2*	<1.1*	2J	<2.4*	<1.3*	17	<6.0	3J	<1*	<2.6*	<0.45*	<1.4*	5.4J	<2.4*	<4.8	<4.8	<1.1*	<0.63*	<4.9	<4.2	<1.2*	<1.3*	<0.91*	1.2J	<0.89*	<1.2*	1.5%	98%	<0.024%	<0.00024%	<0.12%

Notes:

µg/m³: micrograms per cubic meters

<: not detected above the reporting limit or method detection limit as shown

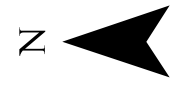
*: method detection limit is shown

J: estimated value

Field Blank was collected using a laboratory-supplied source of nitrogen gas

ADEC Target Levels are acquired from the October 2012 Vapor Intrusion Guidance Appendix E for Shallow Soil Gas in a Residential Setting

FIGURES



Monitoring well

Basemap:
 Google Earth - May, 2012
 PCS: NAD83 UTM zone 6N

Figure 1
Site Vicinity
 Bentley Mall
 Fairbanks, AK



Graphics: C. Cary Date: 11/10/2015

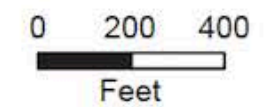
Figure 3
Vicinity Map of Alaska
DEC Listed Sites
Bentley Mall, Fairbanks, AK



- Type of Contaminant**
- Petroleum Hydrocarbons
 - Petroleum Hydrocarbons & Solvents
 - Solvents

- Site Designation**
- △ Cleanup Complete
 - Cleanup Complete - Institutional Controls
 - ✱ Active

- Others**
- Active USTs
 - ◆ Soil Vapor Monitoring Point
 - ⊗ Ground Water Monitoring Well
 - ⓪ Pending



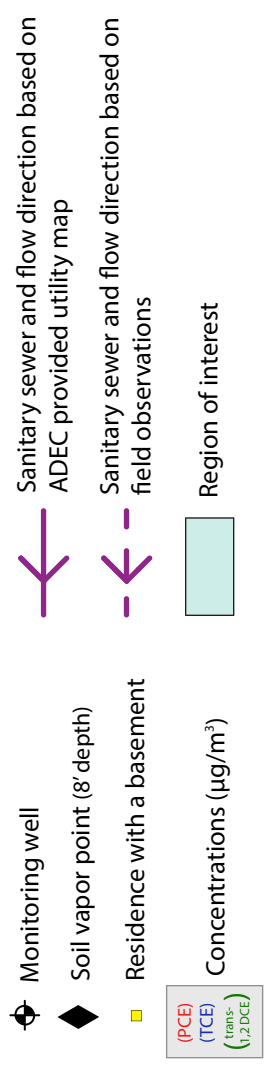
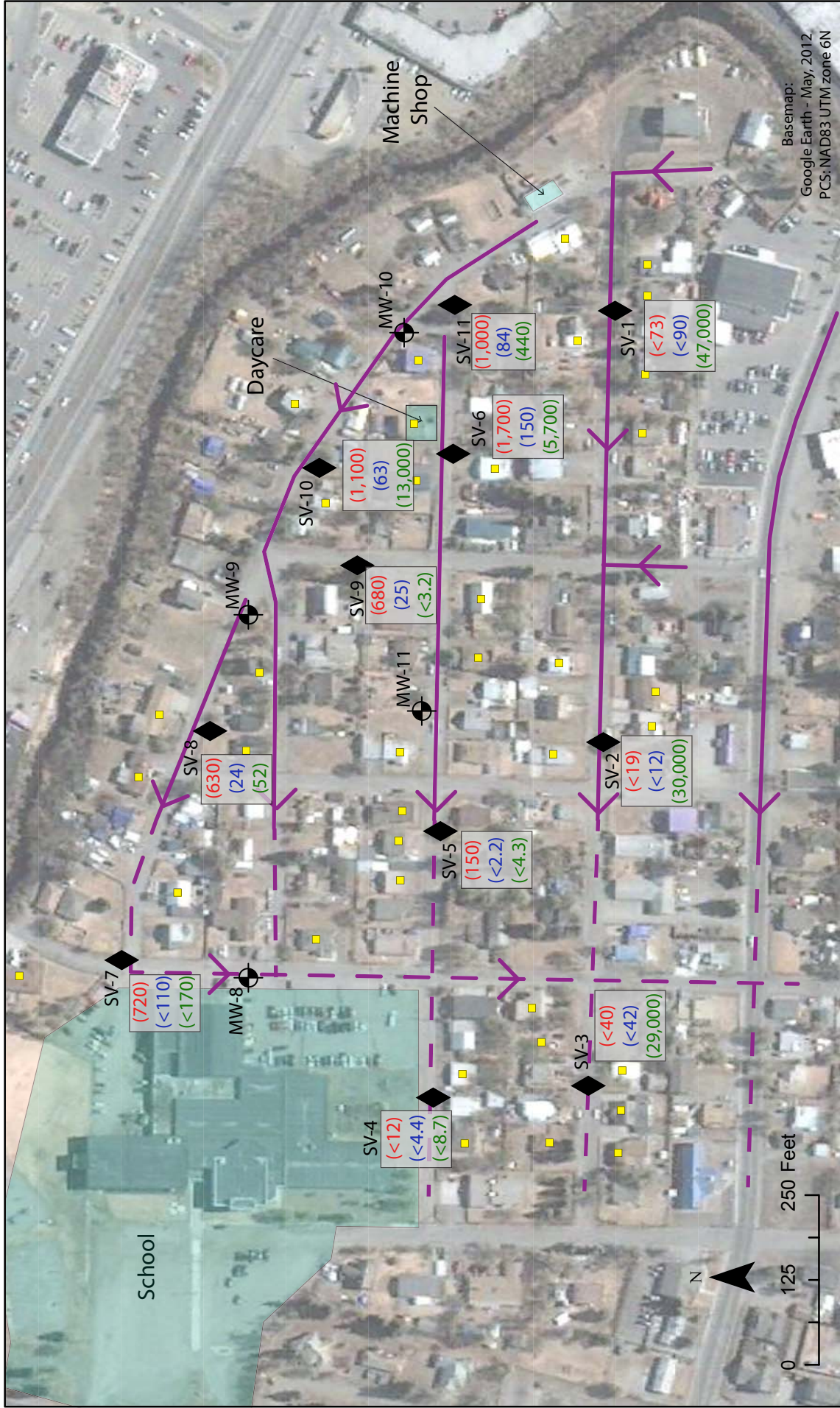
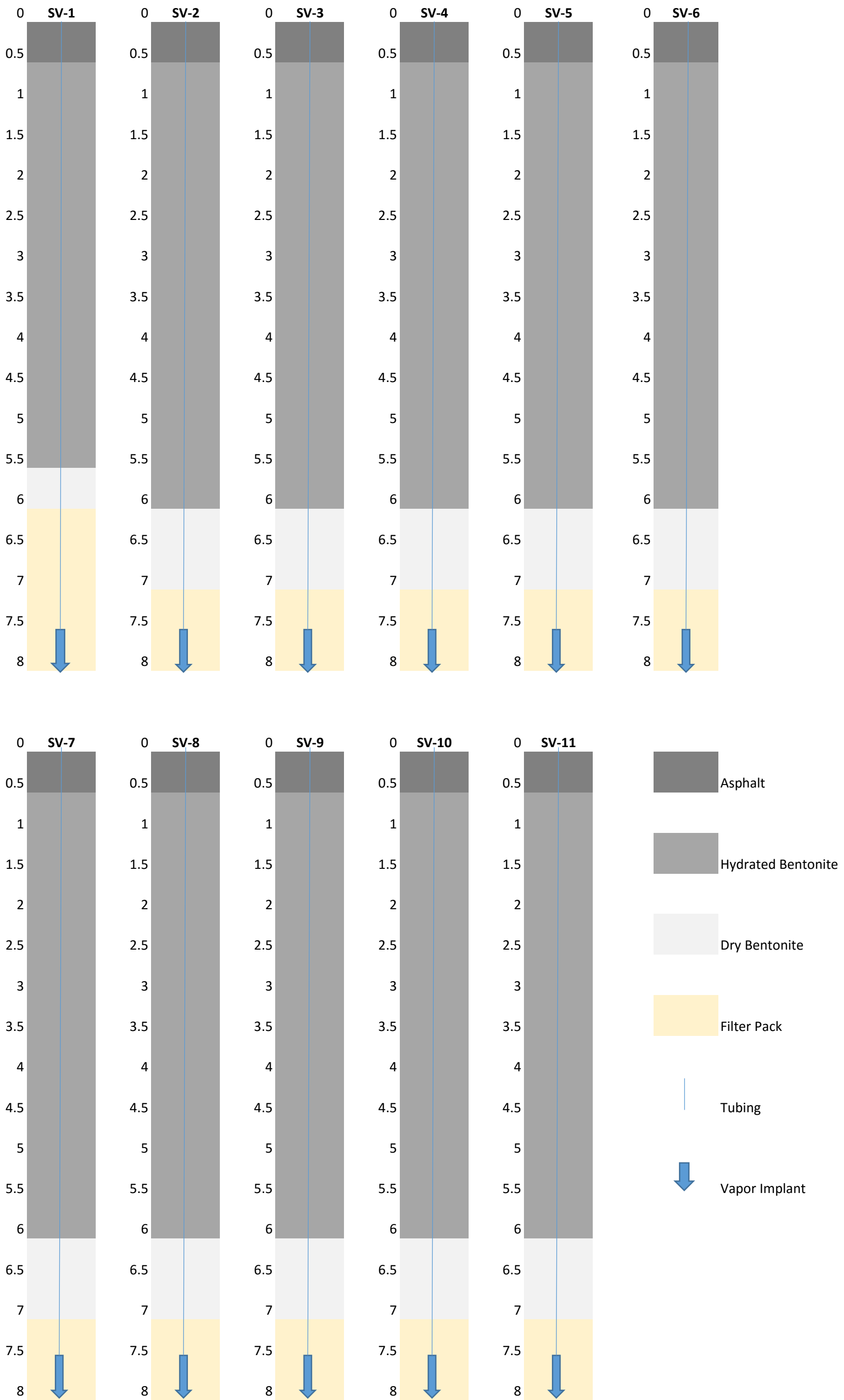


Figure 2
Soil Vapor Analytical Results
Charles Slater Subdivision
Fairbanks, AK

APPENDIX A: SOIL VAPOR POINT CONSTRUCTION DETAILS


Appendix A
 Soil Vapor Point Construction Details
 Charles Slater Subdivision, Fairbanks, AK



APPENDIX B: FIELD SHEETS

SOIL GAS FIELD WORKSHEET

Project Name: Bentley Mall	Date: 9-15
Location: Charles Slater Subdivision	Client: Kraus + Co
Sampler: <i>LB</i>	Weather: Cloudy / M.sty

Sampler Signature: 	C.V. 0.28L	C.V. 0.24L	Sample ID 0.24L	0.24L
	SV-1	SV-2	SV-3	SV-4

~~PID~~ PID 13.3 ppm 6.4 ppm 6.8 ppm 0 ppm

Shut-in Test	Time Start	1329	1515	1625	1755
	Time Finish	1330	1516	1626	1756
	Vacuum Start (in Hg)	24	12	18	14.5
	Vacuum Finish (in Hg)	24	12	18	14.5
Sample Purge	Time Start	1352 1352	1522	1630	1759
	Time Finish	1356	1526	1634	1803
	Vacuum Start	29.5	26	18	14.5
	Vacuum Finish (in Hg)	25.5	23	15	11.5
	Purge Rate (ml/min)	~210	~180	~180	~180
Sample Collection	Time Start	#40867 1357	#35628 1528	#13390 1638	#35666 1803
	Time Finish	1407	1534	1648	1813
	Vacuum Start (in Hg)	29	30	30	28.5
	Vacuum Finish (in Hg)	3	3	3	3
	Sample Rate (ml/min)	~100	~167	~100	~100

Tubing	Tube Diameter (inches)	0.17	0.25	0.5	0.75
	Volume (liters per foot)	0.004	0.010	0.039	0.087
Sand Pack volumes	Height of Sand Pack (inches)	12	Dry Bentonite Volume	Height of dry bent	6
	Radius of Sand Pack (inches)	1		Radius of dry bent	1
	Porosity of Sand	0.3		Porosity of bentonite	0.3
	Casing Volume of Sandpack (liters per foot)	0.19		Casing Volume of dry bentonite (liters per foot)	0.09

Notes:

SOIL GAS FIELD WORKSHEET

Project Name: Bentley Mall Date: 9-15-15
 Location: Charles Slater Subdivision Client: Krauz
 Sampler: [Signature] Weather: Cloudy

Sampler Signature: [Signature]
 0.24 L C.V. 0.24 L Sample ID 0.24 L
 SV-5 SV-6 SV-#^{Train # 20475} ⁵⁰⁶⁸⁰ #30680
 Dup-1

~~Train #~~ PTO ppm 0.8 ppm 0.4 ppm "

Shut-in Test	Time Start	1830	1904	1956	"
	Time Finish	1831	1905	1957	"
	Vacuum Start (in Hg)	11	9	25	"
	Vacuum Finish (in Hg)	11	9	25	"

Sample Purge	Time Start	1832	1907	1956 2001	"
	Time Finish	1840	1917	1957 2004	"
	Vacuum Start	11	9	25.5	"
	Vacuum Finish (in Hg)	8	6	22.5	"
	Purge Rate (ml/min)	~90	~72	~240	"


Sample Collection	Time Start	1841 ^{#36481}	1918 ^{#34117}	#3037 2006	#37796 2006
	Time Finish	1850	1931	2021	2021
	Vacuum Start (in Hg)	28	29.5	28	28
	Vacuum Finish (in Hg)	3	3	3	3
	Sample Rate (ml/min)	~111	~76	~ 133 133	~ 133 133

Tubing	Tube Diameter (inches)	0.17	0.25	0.5	0.75
	Volume (liters per foot)	0.004	0.010	0.039	0.087
Sand Pack volumes	Height of Sand Pack (inches)	12	Dry Bentonite Volume	Height of dry bent	6
	Radius of Sand Pack (inches)	1		Radius of dry bent	1
	Porosity of Sand	0.3		Porosity of bentonite	0.3
	Casing Volume of Sandpack (liters per foot)	0.19		Casing Volume of dry bentonite (liters per foot)	0.09

Notes: SV-# - Duplicate & named Dup 1 #37796
 9-15-15
 Time: 1201

SOIL GAS FIELD WORKSHEET

Project Name: Bentley Mall Date: 9-17-15
 Location: Charles Slater Subdivision Client: Kraus + Co
 Sampler: YB Weather: Cloudy

Sampler Signature: 
 Train # ~~30712~~ #30511 Sample ID #30759 #30810
 SV-9^{CV}_{0.24L} SV-7^{CV}_{0.24L} SV-8^{CV}_{0.24L} SV-10

~~Train #~~ PID 0.9 ppm 0.3 ppm 0.0 ppm 0.0 ppm

Shut-in Test	Time Start	1238	1315	1404	1458
	Time Finish	1239	1316	1405	1500
	Vacuum Start (in Hg)	19.5	15.5	13.0	10.5
	Vacuum Finish (in Hg)	19.5	15.5	13.0	10.5

Sample Purge	Time Start	1240	1321	1411	1508
	Time Finish	1246	1329	1417	1514
	Vacuum Start	19.5	15.5	12.5	9.5
	Vacuum Finish (in Hg)	16.5	12.5	9.5	6.5
	Purge Rate (ml/min)	~120	~90	~120	~120


Sample Collection	Time Start	#1L1532 1247	#31761 1332	#1L1593 1418	#1L1930 1514
	Time Finish	1258	1345	1428	1521
	Vacuum Start (in Hg)	29	28.5	28.5	22.0
	Vacuum Finish (in Hg)	4	3	3	3
	Sample Rate (ml/min)	~90	~76	~100	~120

Tubing	Tube Diameter (inches)	0.17	0.25	0.5	0.75
	Volume (liters per foot)	0.004	0.010	0.039	0.087
Sand Pack volumes	Height of Sand Pack (inches)	12	Dry Bentonite Volume	Height of dry bent	6
	Radius of Sand Pack (inches)	1		Radius of dry bent	1
	Porosity of Sand	0.3		Porosity of bentonite	0.3
	Casing Volume of Sandpack (liters per foot)	0.19		Casing Volume of dry bentonite (liters per foot)	0.09

Notes:

SOIL GAS FIELD WORKSHEET

Project Name: Bentley Mall	Date: 9-17-15
Location: Charles Slater Subdivision	Client: Kraus
Sampler: Yola Bigram	Weather: Cloudy

Sampler Signature: 	Sample ID			
	Field Blank			

Train ID#	#30121			
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Shut-in Test	Time Start	1610			
	Time Finish	1611			
	Vacuum Start (in Hg)	28.5			
	Vacuum Finish (in Hg)	28.5			
Sample Purge	Time Start	—			
	Time Finish	—			
	Vacuum Start	—			
	Vacuum Finish (in Hg)	—			
	Purge Rate (ml/min)	—			
Sample Collection	Time Start	#37294 1615			
	Time Finish	1625			
	Vacuum Start (in Hg)	28.5			
	Vacuum Finish (in Hg)	4			
	Sample Rate (ml/min)	~100			

Tubing	Tube Diameter (inches)	0.17	0.25	0.5	0.75
	Volume (liters per foot)	0.004	0.010	0.039	0.087
Sand Pack volumes	Height of Sand Pack (inches)	12	Dry Bentonite Volume	Height of dry bent	6
	Radius of Sand Pack (inches)	1		Radius of dry bent	1
	Porosity of Sand	0.3		Porosity of bentonite	0.3
	Casing Volume of Sandpack (liters per foot)	0.19		Casing Volume of dry bentonite (liters per foot)	0.09

Notes:

APPENDIX C: LABORATORY ANALYTICAL REPORTS

Laboratory Data Review Checklist for Air Samples

Completed by:	Yola Bayram		
Title:	Geologist	Date:	Oct 23, 2015
CS Report Name:	Soil Vapor Investigation Report	Report Date:	Nov 12, 2015
Consultant Firm:	Environmental Resource Group		
Laboratory Name:	Eurofins US	Laboratory Report Number:	1509319
ADEC File Number:	102.38.122	ADEC Haz ID:	

1. Laboratory

a. Did a NELAP certified laboratory receive and perform all of the submitted sample analyses?

Yes No NA (Please explain.) Comments:

b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses NELAP approved?

Yes No NA (Please explain.) Comments:

Samples were not subcontracted

2. Chain of Custody (COC)

a. COC information completed, signed, and dated (including released/received by)?

Yes No NA (Please explain.) Comments:

b. Correct analyses requested?

Yes No NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation

a. Sample condition documented -Samples collected in gas tight, opaque/dark Summa canisters or other ADEC approved container? Canister vacuum/pressure checked, recorded upon receipt and contained no open valves?

Yes No NA (Please explain.) Comments:

b. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, canister not holding a vacuum etc.?

Yes No NA (Please explain)

Comments:

No Discrepancies Noted

c. Data quality or usability affected? (Please explain.)

Yes No NA (Please explain)

Comments:

No Discrepancies Noted

4. Case Narrative

a. Present and understandable?

Yes No NA (Please explain)

Comments:

b. Discrepancies, errors or QC failures identified by the lab?

Yes No NA (Please explain)

Comments:

c. Were all corrective actions documented?

Yes No NA (Please explain)

Comments:

No corrective actions needed

d. What is the effect on data quality/usability according to the case narrative?

Comments:

No effect noted on data quality or usability.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

Yes No NA (Please explain)

Comments:

b. Samples analyzed within 30 days of collection or within the time required by the method?

Yes No NA (Please explain)

Comments:

c. Are the reported PQLs less than the Target Screening Level or the minimum required detection level for the project?

Yes No NA (Please explain)

Comments:

MDL was used for analyses but some results are still above target levels.

d. Data quality or usability affected?

Comments:

SV-1, SV-3, SV-7 MDLs for one or more analyses are above target level.

6. QC Samples

a. Method Blank

i. One method blank reported per analysis and 20 samples?

Yes No NA (Please explain)

Comments:

ii. All method blank results less than PQL?

Yes No NA (Please explain)

Comments:

Some analytes are below the RL but above the MDL

iii. If above PQL, what samples are affected?

Comments:

FLD-Blank

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

Yes No NA (Please explain)

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

No. FLD-Blank verifies that the Helium Shroud was effective

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. One LCS/LCSD or one LCS and a sample/sample duplicate pair reported per analysis and 20 samples?

Yes No NA (Please explain)

Comments:

ii. Accuracy - All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable.

Yes No NA (Please explain)

Comments:

MTBE and 1,2,4- Trichlorobenzene exceeded QC Limits

iii. Precision - All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable.

Yes No NA (Please explain)

Comments:

iv. If %R or RPD is outside of acceptable limits, what samples are affected?

Yes No NA (Please explain) Comments:

NA

v. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

Yes No NA (Please explain) Comments:

NA

vi. Data quality or usability affected? (Please explain.)

Comments:

Not affected.

c. Surrogates

i. Are surrogate recoveries reported for field, QC and laboratory samples?

Yes No NA (Please explain) Comments:

ii. Accuracy - All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable.

Yes No NA (Please explain) Comments:

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

Yes No NA (Please explain) Comments:

iv. Data quality or usability affected? (Please explain.)

Comments:

Not affected

d. Field Duplicate

i. One field duplicate submitted per analysis and 10 type (soil gas, indoor air etc.) samples?

Yes No NA (Please explain) Comments:

ii. Submitted blind to lab?

Yes No NA (Please explain) Comments:

iii. Precision - All relative percent differences (RPD) less than specified DQOs? (Recommended: 25 %)

$$\text{RPD (\%)} = \text{Absolute Value of: } \frac{(R_1 - R_2)}{((R_1 + R_2)/2)} \times 100$$

Where R_1 = Sample Concentration

R_2 = Field Duplicate Concentration

Yes No NA (Please explain)

Comments:

10.5% to 16.7%

iv. Data quality or usability affected? (Please explain.)

Comments:

Not affected

e. Field Blank (If not used explain why).

Yes No NA (Please explain)

Comments:

i. All results less than PQL?

Yes No NA (Please explain)

Comments:

ethanol above PQL. Other laboratory contaminants above MDL or in Lab Blank

ii. If above PQL, what samples are affected?

Comments:

None

iii. Data quality or usability affected? (Please explain.)

Comments:

Not affected

7. Other Data Flags/Qualifiers

a. Defined and appropriate?

Yes No NA (Please explain)

Comments:

Reset Form

11/6/2015
Mr. Donal Manning
Environmental Resource Group
1038 Redwood Highway
Suite 1
Mill Valley CA 94941

Project Name: Bentley Mall
Project #:
Workorder #: 1509319AR2


Dear Mr. Donal Manning

The following report includes the data for the above referenced project for sample(s) received on 9/21/2015 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics Inc. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori
Project Manager

WORK ORDER #: 1509319AR2

Work Order Summary

CLIENT: Mr. Donal Manning
 Environmental Resource Group
 1038 Redwood Highway
 Suite 1
 Mill Valley, CA 94941

BILL TO: Mr. Donal Manning
 Environmental Resource Group
 1038 Redwood Highway
 Suite 1
 Mill Valley, CA 94941

PHONE:

P.O. #

FAX:

PROJECT # Bentley Mall

DATE RECEIVED: 09/21/2015

CONTACT: Kyle Vagadori

DATE COMPLETED: 10/04/2015

DATE REISSUED: 11/06/2015

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SV-1	TO-15	2.8 "Hg	15.2 psi
02A	SV-2	TO-15	2.2 "Hg	15.2 psi
03A	SV-3	TO-15	1 "Hg	15.2 psi
04A	SV-4	TO-15	2.4 "Hg	15 psi
05A	SV-5	TO-15	2 "Hg	14.9 psi
06A	SV-6	TO-15	0.8 "Hg	15.1 psi
07A	SV-11	TO-15	1.6 "Hg	14.8 psi
08A	DUP1	TO-15	0.4 "Hg	15.1 psi
09A	SV-9	TO-15	3.3 "Hg	14.5 psi
10A	SV-7	TO-15	3.1 "Hg	14.7 psi
11A	SV-8	TO-15	3.1 "Hg	15 psi
12A	SV-10	TO-15	1.6 "Hg	14.5 psi
13A	Fld-Blank	TO-15	4.5 "Hg	15.4 psi
14A	Lab Blank	TO-15	NA	NA
14B	Lab Blank	TO-15	NA	NA
15A	CCV	TO-15	NA	NA
15B	CCV	TO-15	NA	NA
16A	LCS	TO-15	NA	NA
16AA	LCS	TO-15	NA	NA
16B	LCS	TO-15	NA	NA
16BB	LCS	TO-15	NA	NA

CERTIFIED BY: 

 Technical Director

DATE: 11/06/15

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
 TX NELAP - T104704343-14-7, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
 Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2014, Expiration date: 10/17/2015.

Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.
 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9562
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
Environmental Resource Group
Workorder# 1509319AR2

Thirteen 1 Liter Summa Canister samples were received on September 21, 2015. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on samples SV-1, SV-3, SV-6, SV-7, and SV-10 due to the presence of high level target species.

Dilution was performed on sample SV-4 due to the presence of high level non-target species.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

The workorder was reissued per client request on 10/28/15 to report estimated values for Trichloroethene hits that are below the reporting limit but greater than the method detection limit for samples SV-1, SV-2, SV-3 and SV-7 and cis-1,2-Dichloroethene for all samples. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

The workorder was reissued on 11/06/15 to report estimated values for target compound hits that are below the reporting limit but greater than the method detection limit. Concentrations that are below the level at which the canister was certified (0.2 ppbv for compounds reported at 0.5 ppbv and 0.8 ppbv for compounds reported at 2.0 ppbv) may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data

page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-1

Lab ID#: 1509319AR2-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	45	17 J	220	85 J
Freon 11	45	20 J	250	110 J
Acetone	450	37 J	1100	88 J
Carbon Disulfide	180	18 J	560	55 J
Methylene Chloride	450	58 J	1600	200 J
trans-1,2-Dichloroethene	45	12000	180	47000
cis-1,2-Dichloroethene	45	23 J	180	90 J
Chloroform	45	15 J	220	75 J
Toluene	45	11 J	170	41 J
Tetrachloroethene	45	11 J	300	73 J

Client Sample ID: SV-2

Lab ID#: 1509319AR2-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	44	19 J	100	46 J
trans-1,2-Dichloroethene	11	7700	44	30000
cis-1,2-Dichloroethene	11	6.5 J	44	26 J
Chloroform	11	5.4 J	54	26 J

Client Sample ID: SV-3

Lab ID#: 1509319AR2-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	21	9.6 J	100	47 J
Freon 11	21	10 J	120	58 J
Acetone	210	29 J	500	70 J
trans-1,2-Dichloroethene	21	7300	83	29000
cis-1,2-Dichloroethene	21	10 J	83	41 J
Tetrachloroethene	21	5.9 J	140	40 J

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-4

Lab ID#: 1509319AR2-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.2	14	11	71
Freon 11	2.2	310	12	1800
Acetone	22	20 J	52	48 J
Carbon Disulfide	8.8	1.0 J	27	3.1 J
2-Butanone (Methyl Ethyl Ketone)	8.8	3.9 J	26	11 J
Chloroform	2.2	1.9 J	11	9.4 J
1,1,1-Trichloroethane	2.2	0.48 J	12	2.6 J
4-Methyl-2-pentanone	2.2	1.4 J	9.0	6.0 J
Toluene	2.2	0.77 J	8.3	2.9 J
Tetrachloroethene	2.2	1.8 J	15	12 J
2-Hexanone	8.8	0.97 J	36	4.0 J

Client Sample ID: SV-5

Lab ID#: 1509319AR2-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	1.5	5.3	7.5
Freon 11	1.1	34	6.1	190
Acetone	11	15	26	37
Carbon Disulfide	4.3	0.51 J	13	1.6 J
2-Butanone (Methyl Ethyl Ketone)	4.3	3.4 J	13	9.9 J
Chloroform	1.1	0.46 J	5.3	2.3 J
Heptane	1.1	0.39 J	4.4	1.6 J
4-Methyl-2-pentanone	1.1	0.58 J	4.4	2.4 J
Toluene	1.1	0.86 J	4.1	3.3 J
Tetrachloroethene	1.1	22	7.3	150
2-Hexanone	4.3	1.4 J	18	5.8 J
m,p-Xylene	1.1	0.20 J	4.7	0.87 J
Styrene	1.1	0.19 J	4.6	0.82 J
1,3-Dichlorobenzene	1.1	0.32 J	6.5	1.9 J
alpha-Chlorotoluene	1.1	0.17 J	5.6	0.88 J

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-6

Lab ID#: 1509319AR2-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.2	2.1 J	26	10 J
Freon 11	5.2	6.4	29	36
Acetone	52	14 J	120	33 J
trans-1,2-Dichloroethene	5.2	1400	21	5700
2-Butanone (Methyl Ethyl Ketone)	21	2.9 J	61	8.6 J
cis-1,2-Dichloroethene	5.2	3.2 J	21	13 J
Chloroform	5.2	2.9 J	25	14 J
1,1,1-Trichloroethane	5.2	2.1 J	28	11 J
Trichloroethene	5.2	29	28	150
Tetrachloroethene	5.2	250	35	1700
2-Hexanone	21	1.9 J	85	7.8 J

Client Sample ID: SV-11

Lab ID#: 1509319AR2-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	1.5	5.2	7.4
1,3-Butadiene	1.1	0.56 J	2.3	1.2 J
Freon 11	1.1	1.9	6.0	10
Acetone	11	13	25	30
2-Propanol	4.2	1.0 J	10	2.5 J
Carbon Disulfide	4.2	0.61 J	13	1.9 J
Methylene Chloride	11	1.0 J	37	3.6 J
trans-1,2-Dichloroethene	1.1	110	4.2	440
Hexane	1.1	0.93 J	3.7	3.3 J
2-Butanone (Methyl Ethyl Ketone)	4.2	3.0 J	12	9.0 J
Chloroform	1.1	0.61 J	5.2	3.0 J
1,1,1-Trichloroethane	1.1	2.1	5.8	12
Cyclohexane	1.1	0.56 J	3.6	1.9 J
Benzene	1.1	0.43 J	3.4	1.4 J
Heptane	1.1	5.8	4.3	24
Trichloroethene	1.1	16	5.7	84
4-Methyl-2-pentanone	1.1	0.72 J	4.3	2.9 J

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-11

Lab ID#: 1509319AR2-07A

Toluene	1.1	4.4	4.0	17
Tetrachloroethene	1.1	150	7.2	1000
2-Hexanone	4.2	1.5 J	17	6.2 J
m,p-Xylene	1.1	0.44 J	4.6	1.9 J

Client Sample ID: DUP1

Lab ID#: 1509319AR2-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	1.5	5.1	7.4
Freon 11	1.0	1.7	5.8	9.3
Acetone	10	14	24	34
2-Propanol	4.1	2.7 J	10	6.7 J
Carbon Disulfide	4.1	0.61 J	13	1.9 J
Methylene Chloride	10	1.8 J	36	6.3 J
trans-1,2-Dichloroethene	1.0	100	4.1	400
Hexane	1.0	1.8	3.6	6.2
2-Butanone (Methyl Ethyl Ketone)	4.1	3.3 J	12	9.8 J
Chloroform	1.0	0.60 J	5.0	2.9 J
1,1,1-Trichloroethane	1.0	2.2	5.6	12
Cyclohexane	1.0	0.94 J	3.5	3.2 J
Benzene	1.0	0.60 J	3.3	1.9 J
Heptane	1.0	5.1	4.2	21
Trichloroethene	1.0	13	5.5	71
4-Methyl-2-pentanone	1.0	0.84 J	4.2	3.4 J
Toluene	1.0	6.8	3.9	26
Tetrachloroethene	1.0	130	7.0	900
2-Hexanone	4.1	1.3 J	17	5.3 J
m,p-Xylene	1.0	0.66 J	4.4	2.8 J
o-Xylene	1.0	0.29 J	4.4	1.2 J

Client Sample ID: SV-9

Lab ID#: 1509319AR2-09A

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-9

Lab ID#: 1509319AR2-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	1.2	5.5	5.8
Freon 11	1.1	40	6.3	220
Acetone	11	7.6 J	26	18 J
Carbon Disulfide	4.5	0.59 J	14	1.8 J
trans-1,2-Dichloroethene	1.1	0.80 J	4.4	3.2 J
2-Butanone (Methyl Ethyl Ketone)	4.5	2.3 J	13	6.9 J
Chloroform	1.1	1.8	5.4	8.7
Cyclohexane	1.1	0.21 J	3.8	0.72 J
Trichloroethene	1.1	4.7	6.0	25
4-Methyl-2-pentanone	1.1	0.55 J	4.6	2.2 J
Toluene	1.1	0.49 J	4.2	1.8 J
Tetrachloroethene	1.1	100	7.6	680
2-Hexanone	4.5	1.0 J	18	4.3 J

Client Sample ID: SV-7

Lab ID#: 1509319AR2-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	56	82	280	400
Freon 11	56	18000	310	100000
Acetone	560	100 J	1300	250 J
2-Propanol	220	130 J	550	330 J
Carbon Disulfide	220	18 J	700	56 J
Methylene Chloride	560	100 J	1900	360 J
trans-1,2-Dichloroethene	56	42 J	220	170 J
Toluene	56	20 J	210	74 J
Tetrachloroethene	56	110	380	720

Client Sample ID: SV-8

Lab ID#: 1509319AR2-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	7.6	5.6	37

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-8

Lab ID#: 1509319AR2-11A

Freon 11	1.1	30	6.3	170
Acetone	11	4.0 J	27	9.5 J
trans-1,2-Dichloroethene	1.1	13	4.5	52
2-Butanone (Methyl Ethyl Ketone)	4.5	0.71 J	13	2.1 J
Chloroform	1.1	9.2	5.5	45
1,1,1-Trichloroethane	1.1	1.0 J	6.1	5.5 J
Cyclohexane	1.1	0.29 J	3.9	0.99 J
Trichloroethene	1.1	4.5	6.0	24
Toluene	1.1	0.34 J	4.2	1.3 J
Tetrachloroethene	1.1	93	7.6	630
2-Hexanone	4.5	0.47 J	18	1.9 J

Client Sample ID: SV-10

Lab ID#: 1509319AR2-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	8.4	2.7 J	47	15 J
Acetone	84	11 J	200	27 J
trans-1,2-Dichloroethene	8.4	3300	33	13000
cis-1,2-Dichloroethene	8.4	2.6 J	33	10 J
Chloroform	8.4	11	41	55
Cyclohexane	8.4	1.8 J	29	6.1 J
Benzene	8.4	3.2 J	27	10 J
Trichloroethene	8.4	12	45	63
Toluene	8.4	10	32	38
Tetrachloroethene	8.4	160	57	1100
m,p-Xylene	8.4	2.2 J	36	9.6 J

Client Sample ID: Fld-Blank

Lab ID#: 1509319AR2-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	1.2	0.54 J	6.8	3.0 J
Ethanol	4.8	9.3	9.1	17

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: Fld-Blank

Lab ID#: 1509319AR2-13A

Acetone	12	2.2 J	29	5.2 J
2-Propanol	4.8	0.82 J	12	2.0 J
Toluene	1.2	0.33 J	4.5	1.2 J
Tetrachloroethene	1.2	0.80 J	8.2	5.4 J



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1509319AR2-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092312r2	Date of Collection:	9/15/15 2:07:00 PM
Dil. Factor:	89.8	Date of Analysis:	9/23/15 03:09 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	45	17 J	220	85 J
Freon 114	45	Not Detected	310	Not Detected
Chloromethane	450	Not Detected	930	Not Detected
Vinyl Chloride	45	Not Detected	110	Not Detected
1,3-Butadiene	45	Not Detected	99	Not Detected
Bromomethane	450	Not Detected	1700	Not Detected
Chloroethane	180	Not Detected	470	Not Detected
Freon 11	45	20 J	250	110 J
Ethanol	180	Not Detected	340	Not Detected
Freon 113	45	Not Detected	340	Not Detected
1,1-Dichloroethene	45	Not Detected	180	Not Detected
Acetone	450	37 J	1100	88 J
2-Propanol	180	Not Detected	440	Not Detected
Carbon Disulfide	180	18 J	560	55 J
3-Chloropropene	180	Not Detected	560	Not Detected
Methylene Chloride	450	58 J	1600	200 J
Methyl tert-butyl ether	45	Not Detected	160	Not Detected
trans-1,2-Dichloroethene	45	12000	180	47000
Hexane	45	Not Detected	160	Not Detected
1,1-Dichloroethane	45	Not Detected	180	Not Detected
2-Butanone (Methyl Ethyl Ketone)	180	Not Detected	530	Not Detected
cis-1,2-Dichloroethene	45	23 J	180	90 J
Tetrahydrofuran	45	Not Detected	130	Not Detected
Chloroform	45	15 J	220	75 J
1,1,1-Trichloroethane	45	Not Detected	240	Not Detected
Cyclohexane	45	Not Detected	150	Not Detected
Carbon Tetrachloride	45	Not Detected	280	Not Detected
2,2,4-Trimethylpentane	45	Not Detected	210	Not Detected
Benzene	45	Not Detected	140	Not Detected
1,2-Dichloroethane	45	Not Detected	180	Not Detected
Heptane	45	Not Detected	180	Not Detected
Trichloroethene	45	Not Detected	240	Not Detected
1,2-Dichloropropane	45	Not Detected	210	Not Detected
1,4-Dioxane	180	Not Detected	650	Not Detected
Bromodichloromethane	45	Not Detected	300	Not Detected
cis-1,3-Dichloropropene	45	Not Detected	200	Not Detected
4-Methyl-2-pentanone	45	Not Detected	180	Not Detected
Toluene	45	11 J	170	41 J
trans-1,3-Dichloropropene	45	Not Detected	200	Not Detected
1,1,2-Trichloroethane	45	Not Detected	240	Not Detected
Tetrachloroethene	45	11 J	300	73 J
2-Hexanone	180	Not Detected	740	Not Detected



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1509319AR2-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092312r2	Date of Collection:	9/15/15 2:07:00 PM
Dil. Factor:	89.8	Date of Analysis:	9/23/15 03:09 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	45	Not Detected	380	Not Detected
1,2-Dibromoethane (EDB)	45	Not Detected	340	Not Detected
Chlorobenzene	45	Not Detected	210	Not Detected
Ethyl Benzene	45	Not Detected	190	Not Detected
m,p-Xylene	45	Not Detected	190	Not Detected
o-Xylene	45	Not Detected	190	Not Detected
Styrene	45	Not Detected	190	Not Detected
Bromoform	45	Not Detected	460	Not Detected
Cumene	45	Not Detected	220	Not Detected
1,1,2,2-Tetrachloroethane	45	Not Detected	310	Not Detected
Propylbenzene	45	Not Detected	220	Not Detected
4-Ethyltoluene	45	Not Detected	220	Not Detected
1,3,5-Trimethylbenzene	45	Not Detected	220	Not Detected
1,2,4-Trimethylbenzene	45	Not Detected	220	Not Detected
1,3-Dichlorobenzene	45	Not Detected	270	Not Detected
1,4-Dichlorobenzene	45	Not Detected	270	Not Detected
alpha-Chlorotoluene	45	Not Detected	230	Not Detected
1,2-Dichlorobenzene	45	Not Detected	270	Not Detected
1,2,4-Trichlorobenzene	180	Not Detected	1300	Not Detected
Hexachlorobutadiene	180	Not Detected	1900	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: SV-2

Lab ID#: 1509319AR2-02A

EPA METHOD TO-15 GC/MS

File Name:	14092523r2	Date of Collection:	9/15/15 3:34:00 PM
Dil. Factor:	2.20	Date of Analysis:	9/26/15 09:39 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	11	Not Detected	54	Not Detected
Freon 114	11	Not Detected	77	Not Detected
Chloromethane	44	Not Detected	91	Not Detected
Vinyl Chloride	11	Not Detected	28	Not Detected
1,3-Butadiene	11	Not Detected	24	Not Detected
Bromomethane	11	Not Detected	43	Not Detected
Chloroethane	44	Not Detected	120	Not Detected
Freon 11	11	Not Detected	62	Not Detected
Ethanol	44	Not Detected	83	Not Detected
Freon 113	11	Not Detected	84	Not Detected
1,1-Dichloroethene	11	Not Detected	44	Not Detected
Acetone	44	19 J	100	46 J
2-Propanol	44	Not Detected	110	Not Detected
Carbon Disulfide	11	Not Detected	34	Not Detected
3-Chloropropene	44	Not Detected	140	Not Detected
Methylene Chloride	11	Not Detected	38	Not Detected
Methyl tert-butyl ether	11	Not Detected UJ	40	Not Detected UJ
trans-1,2-Dichloroethene	11	7700	44	30000
Hexane	11	Not Detected	39	Not Detected
1,1-Dichloroethane	11	Not Detected	44	Not Detected
2-Butanone (Methyl Ethyl Ketone)	44	Not Detected	130	Not Detected
cis-1,2-Dichloroethene	11	6.5 J	44	26 J
Tetrahydrofuran	11	Not Detected	32	Not Detected
Chloroform	11	5.4 J	54	26 J
1,1,1-Trichloroethane	11	Not Detected	60	Not Detected
Cyclohexane	11	Not Detected	38	Not Detected
Carbon Tetrachloride	11	Not Detected	69	Not Detected
2,2,4-Trimethylpentane	11	Not Detected	51	Not Detected
Benzene	11	Not Detected	35	Not Detected
1,2-Dichloroethane	11	Not Detected	44	Not Detected
Heptane	11	Not Detected	45	Not Detected
Trichloroethene	11	Not Detected	59	Not Detected
1,2-Dichloropropane	11	Not Detected	51	Not Detected
1,4-Dioxane	44	Not Detected	160	Not Detected
Bromodichloromethane	11	Not Detected	74	Not Detected
cis-1,3-Dichloropropene	11	Not Detected	50	Not Detected
4-Methyl-2-pentanone	11	Not Detected	45	Not Detected
Toluene	11	Not Detected	41	Not Detected
trans-1,3-Dichloropropene	11	Not Detected	50	Not Detected
1,1,2-Trichloroethane	11	Not Detected	60	Not Detected
Tetrachloroethene	11	Not Detected	75	Not Detected
2-Hexanone	44	Not Detected	180	Not Detected

Client Sample ID: SV-2

Lab ID#: 1509319AR2-02A

EPA METHOD TO-15 GC/MS

File Name:	14092523r2	Date of Collection:	9/15/15 3:34:00 PM
Dil. Factor:	2.20	Date of Analysis:	9/26/15 09:39 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	11	Not Detected	94	Not Detected
1,2-Dibromoethane (EDB)	11	Not Detected	84	Not Detected
Chlorobenzene	11	Not Detected	51	Not Detected
Ethyl Benzene	11	Not Detected	48	Not Detected
m,p-Xylene	11	Not Detected	48	Not Detected
o-Xylene	11	Not Detected	48	Not Detected
Styrene	11	Not Detected	47	Not Detected
Bromoform	11	Not Detected	110	Not Detected
Cumene	11	Not Detected	54	Not Detected
1,1,2,2-Tetrachloroethane	11	Not Detected	76	Not Detected
Propylbenzene	11	Not Detected	54	Not Detected
4-Ethyltoluene	11	Not Detected	54	Not Detected
1,3,5-Trimethylbenzene	11	Not Detected	54	Not Detected
1,2,4-Trimethylbenzene	11	Not Detected	54	Not Detected
1,3-Dichlorobenzene	11	Not Detected	66	Not Detected
1,4-Dichlorobenzene	11	Not Detected	66	Not Detected
alpha-Chlorotoluene	11	Not Detected	57	Not Detected
1,2-Dichlorobenzene	11	Not Detected	66	Not Detected
1,2,4-Trichlorobenzene	44	Not Detected	330	Not Detected
Hexachlorobutadiene	44	Not Detected	470	Not Detected

J = Estimated value.

UJ = Analyte associated with low bias in the CCV and/or LCS.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: SV-3

Lab ID#: 1509319AR2-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092314r2	Date of Collection:	9/15/15 4:48:00 PM
Dil. Factor:	42.1	Date of Analysis:	9/23/15 04:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	21	9.6 J	100	47 J
Freon 114	21	Not Detected	150	Not Detected
Chloromethane	210	Not Detected	430	Not Detected
Vinyl Chloride	21	Not Detected	54	Not Detected
1,3-Butadiene	21	Not Detected	46	Not Detected
Bromomethane	210	Not Detected	820	Not Detected
Chloroethane	84	Not Detected	220	Not Detected
Freon 11	21	10 J	120	58 J
Ethanol	84	Not Detected	160	Not Detected
Freon 113	21	Not Detected	160	Not Detected
1,1-Dichloroethene	21	Not Detected	83	Not Detected
Acetone	210	29 J	500	70 J
2-Propanol	84	Not Detected	210	Not Detected
Carbon Disulfide	84	Not Detected	260	Not Detected
3-Chloropropene	84	Not Detected	260	Not Detected
Methylene Chloride	210	Not Detected	730	Not Detected
Methyl tert-butyl ether	21	Not Detected	76	Not Detected
trans-1,2-Dichloroethene	21	7300	83	29000
Hexane	21	Not Detected	74	Not Detected
1,1-Dichloroethane	21	Not Detected	85	Not Detected
2-Butanone (Methyl Ethyl Ketone)	84	Not Detected	250	Not Detected
cis-1,2-Dichloroethene	21	10 J	83	41 J
Tetrahydrofuran	21	Not Detected	62	Not Detected
Chloroform	21	Not Detected	100	Not Detected
1,1,1-Trichloroethane	21	Not Detected	110	Not Detected
Cyclohexane	21	Not Detected	72	Not Detected
Carbon Tetrachloride	21	Not Detected	130	Not Detected
2,2,4-Trimethylpentane	21	Not Detected	98	Not Detected
Benzene	21	Not Detected	67	Not Detected
1,2-Dichloroethane	21	Not Detected	85	Not Detected
Heptane	21	Not Detected	86	Not Detected
Trichloroethene	21	Not Detected	110	Not Detected
1,2-Dichloropropane	21	Not Detected	97	Not Detected
1,4-Dioxane	84	Not Detected	300	Not Detected
Bromodichloromethane	21	Not Detected	140	Not Detected
cis-1,3-Dichloropropene	21	Not Detected	96	Not Detected
4-Methyl-2-pentanone	21	Not Detected	86	Not Detected
Toluene	21	Not Detected	79	Not Detected
trans-1,3-Dichloropropene	21	Not Detected	96	Not Detected
1,1,2-Trichloroethane	21	Not Detected	110	Not Detected
Tetrachloroethene	21	5.9 J	140	40 J
2-Hexanone	84	Not Detected	340	Not Detected

Client Sample ID: SV-3

Lab ID#: 1509319AR2-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092314r2	Date of Collection:	9/15/15 4:48:00 PM
Dil. Factor:	42.1	Date of Analysis:	9/23/15 04:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	21	Not Detected	180	Not Detected
1,2-Dibromoethane (EDB)	21	Not Detected	160	Not Detected
Chlorobenzene	21	Not Detected	97	Not Detected
Ethyl Benzene	21	Not Detected	91	Not Detected
m,p-Xylene	21	Not Detected	91	Not Detected
o-Xylene	21	Not Detected	91	Not Detected
Styrene	21	Not Detected	90	Not Detected
Bromoform	21	Not Detected	220	Not Detected
Cumene	21	Not Detected	100	Not Detected
1,1,2,2-Tetrachloroethane	21	Not Detected	140	Not Detected
Propylbenzene	21	Not Detected	100	Not Detected
4-Ethyltoluene	21	Not Detected	100	Not Detected
1,3,5-Trimethylbenzene	21	Not Detected	100	Not Detected
1,2,4-Trimethylbenzene	21	Not Detected	100	Not Detected
1,3-Dichlorobenzene	21	Not Detected	130	Not Detected
1,4-Dichlorobenzene	21	Not Detected	130	Not Detected
alpha-Chlorotoluene	21	Not Detected	110	Not Detected
1,2-Dichlorobenzene	21	Not Detected	130	Not Detected
1,2,4-Trichlorobenzene	84	Not Detected	620	Not Detected
Hexachlorobutadiene	84	Not Detected	900	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: SV-4

Lab ID#: 1509319AR2-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092313r2	Date of Collection:	9/15/15 6:13:00 PM
Dil. Factor:	4.39	Date of Analysis:	9/23/15 03:45 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	2.2	14	11	71
Freon 114	2.2	Not Detected	15	Not Detected
Chloromethane	22	Not Detected	45	Not Detected
Vinyl Chloride	2.2	Not Detected	5.6	Not Detected
1,3-Butadiene	2.2	Not Detected	4.8	Not Detected
Bromomethane	22	Not Detected	85	Not Detected
Chloroethane	8.8	Not Detected	23	Not Detected
Freon 11	2.2	310	12	1800
Ethanol	8.8	Not Detected	16	Not Detected
Freon 113	2.2	Not Detected	17	Not Detected
1,1-Dichloroethene	2.2	Not Detected	8.7	Not Detected
Acetone	22	20 J	52	48 J
2-Propanol	8.8	Not Detected	22	Not Detected
Carbon Disulfide	8.8	1.0 J	27	3.1 J
3-Chloropropene	8.8	Not Detected	27	Not Detected
Methylene Chloride	22	Not Detected	76	Not Detected
Methyl tert-butyl ether	2.2	Not Detected	7.9	Not Detected
trans-1,2-Dichloroethene	2.2	Not Detected	8.7	Not Detected
Hexane	2.2	Not Detected	7.7	Not Detected
1,1-Dichloroethane	2.2	Not Detected	8.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	8.8	3.9 J	26	11 J
cis-1,2-Dichloroethene	2.2	Not Detected	8.7	Not Detected
Tetrahydrofuran	2.2	Not Detected	6.5	Not Detected
Chloroform	2.2	1.9 J	11	9.4 J
1,1,1-Trichloroethane	2.2	0.48 J	12	2.6 J
Cyclohexane	2.2	Not Detected	7.6	Not Detected
Carbon Tetrachloride	2.2	Not Detected	14	Not Detected
2,2,4-Trimethylpentane	2.2	Not Detected	10	Not Detected
Benzene	2.2	Not Detected	7.0	Not Detected
1,2-Dichloroethane	2.2	Not Detected	8.9	Not Detected
Heptane	2.2	Not Detected	9.0	Not Detected
Trichloroethene	2.2	Not Detected	12	Not Detected
1,2-Dichloropropane	2.2	Not Detected	10	Not Detected
1,4-Dioxane	8.8	Not Detected	32	Not Detected
Bromodichloromethane	2.2	Not Detected	15	Not Detected
cis-1,3-Dichloropropene	2.2	Not Detected	10	Not Detected
4-Methyl-2-pentanone	2.2	1.4 J	9.0	6.0 J
Toluene	2.2	0.77 J	8.3	2.9 J
trans-1,3-Dichloropropene	2.2	Not Detected	10	Not Detected
1,1,2-Trichloroethane	2.2	Not Detected	12	Not Detected
Tetrachloroethene	2.2	1.8 J	15	12 J
2-Hexanone	8.8	0.97 J	36	4.0 J



Air Toxics

Client Sample ID: SV-4

Lab ID#: 1509319AR2-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092313r2	Date of Collection:	9/15/15 6:13:00 PM
Dil. Factor:	4.39	Date of Analysis:	9/23/15 03:45 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	2.2	Not Detected	19	Not Detected
1,2-Dibromoethane (EDB)	2.2	Not Detected	17	Not Detected
Chlorobenzene	2.2	Not Detected	10	Not Detected
Ethyl Benzene	2.2	Not Detected	9.5	Not Detected
m,p-Xylene	2.2	Not Detected	9.5	Not Detected
o-Xylene	2.2	Not Detected	9.5	Not Detected
Styrene	2.2	Not Detected	9.3	Not Detected
Bromoform	2.2	Not Detected	23	Not Detected
Cumene	2.2	Not Detected	11	Not Detected
1,1,2,2-Tetrachloroethane	2.2	Not Detected	15	Not Detected
Propylbenzene	2.2	Not Detected	11	Not Detected
4-Ethyltoluene	2.2	Not Detected	11	Not Detected
1,3,5-Trimethylbenzene	2.2	Not Detected	11	Not Detected
1,2,4-Trimethylbenzene	2.2	Not Detected	11	Not Detected
1,3-Dichlorobenzene	2.2	Not Detected	13	Not Detected
1,4-Dichlorobenzene	2.2	Not Detected	13	Not Detected
alpha-Chlorotoluene	2.2	Not Detected	11	Not Detected
1,2-Dichlorobenzene	2.2	Not Detected	13	Not Detected
1,2,4-Trichlorobenzene	8.8	Not Detected	65	Not Detected
Hexachlorobutadiene	8.8	Not Detected	94	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: SV-5

Lab ID#: 1509319AR2-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092319r2	Date of Collection:	9/15/15 6:50:00 PM
Dil. Factor:	2.16	Date of Analysis:	9/23/15 10:44 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	1.5	5.3	7.5
Freon 114	1.1	Not Detected	7.6	Not Detected
Chloromethane	11	Not Detected	22	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	11	Not Detected	42	Not Detected
Chloroethane	4.3	Not Detected	11	Not Detected
Freon 11	1.1	34	6.1	190
Ethanol	4.3	Not Detected	8.1	Not Detected
Freon 113	1.1	Not Detected	8.3	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Acetone	11	15	26	37
2-Propanol	4.3	Not Detected	11	Not Detected
Carbon Disulfide	4.3	0.51 J	13	1.6 J
3-Chloropropene	4.3	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	38	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	3.9	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Hexane	1.1	Not Detected	3.8	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.3	3.4 J	13	9.9 J
cis-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	0.46 J	5.3	2.3 J
1,1,1-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Cyclohexane	1.1	Not Detected	3.7	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.8	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.0	Not Detected
Benzene	1.1	Not Detected	3.4	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	0.39 J	4.4	1.6 J
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.0	Not Detected
1,4-Dioxane	4.3	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.2	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	4.9	Not Detected
4-Methyl-2-pentanone	1.1	0.58 J	4.4	2.4 J
Toluene	1.1	0.86 J	4.1	3.3 J
trans-1,3-Dichloropropene	1.1	Not Detected	4.9	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Tetrachloroethene	1.1	22	7.3	150
2-Hexanone	4.3	1.4 J	18	5.8 J

Client Sample ID: SV-5

Lab ID#: 1509319AR2-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092319r2	Date of Collection:	9/15/15 6:50:00 PM
Dil. Factor:	2.16	Date of Analysis:	9/23/15 10:44 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.2	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.3	Not Detected
Chlorobenzene	1.1	Not Detected	5.0	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	0.20 J	4.7	0.87 J
o-Xylene	1.1	Not Detected	4.7	Not Detected
Styrene	1.1	0.19 J	4.6	0.82 J
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.3	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.4	Not Detected
Propylbenzene	1.1	Not Detected	5.3	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.3	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,3-Dichlorobenzene	1.1	0.32 J	6.5	1.9 J
1,4-Dichlorobenzene	1.1	Not Detected	6.5	Not Detected
alpha-Chlorotoluene	1.1	0.17 J	5.6	0.88 J
1,2-Dichlorobenzene	1.1	Not Detected	6.5	Not Detected
1,2,4-Trichlorobenzene	4.3	Not Detected	32	Not Detected
Hexachlorobutadiene	4.3	Not Detected	46	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	94	70-130



Air Toxics

Client Sample ID: SV-6

Lab ID#: 1509319AR2-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092320r2	Date of Collection:	9/15/15 7:31:00 PM
Dil. Factor:	10.4	Date of Analysis:	9/23/15 11:06 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.2	2.1 J	26	10 J
Freon 114	5.2	Not Detected	36	Not Detected
Chloromethane	52	Not Detected	110	Not Detected
Vinyl Chloride	5.2	Not Detected	13	Not Detected
1,3-Butadiene	5.2	Not Detected	12	Not Detected
Bromomethane	52	Not Detected	200	Not Detected
Chloroethane	21	Not Detected	55	Not Detected
Freon 11	5.2	6.4	29	36
Ethanol	21	Not Detected	39	Not Detected
Freon 113	5.2	Not Detected	40	Not Detected
1,1-Dichloroethene	5.2	Not Detected	21	Not Detected
Acetone	52	14 J	120	33 J
2-Propanol	21	Not Detected	51	Not Detected
Carbon Disulfide	21	Not Detected	65	Not Detected
3-Chloropropene	21	Not Detected	65	Not Detected
Methylene Chloride	52	Not Detected	180	Not Detected
Methyl tert-butyl ether	5.2	Not Detected	19	Not Detected
trans-1,2-Dichloroethene	5.2	1400	21	5700
Hexane	5.2	Not Detected	18	Not Detected
1,1-Dichloroethane	5.2	Not Detected	21	Not Detected
2-Butanone (Methyl Ethyl Ketone)	21	2.9 J	61	8.6 J
cis-1,2-Dichloroethene	5.2	3.2 J	21	13 J
Tetrahydrofuran	5.2	Not Detected	15	Not Detected
Chloroform	5.2	2.9 J	25	14 J
1,1,1-Trichloroethane	5.2	2.1 J	28	11 J
Cyclohexane	5.2	Not Detected	18	Not Detected
Carbon Tetrachloride	5.2	Not Detected	33	Not Detected
2,2,4-Trimethylpentane	5.2	Not Detected	24	Not Detected
Benzene	5.2	Not Detected	17	Not Detected
1,2-Dichloroethane	5.2	Not Detected	21	Not Detected
Heptane	5.2	Not Detected	21	Not Detected
Trichloroethene	5.2	29	28	150
1,2-Dichloropropane	5.2	Not Detected	24	Not Detected
1,4-Dioxane	21	Not Detected	75	Not Detected
Bromodichloromethane	5.2	Not Detected	35	Not Detected
cis-1,3-Dichloropropene	5.2	Not Detected	24	Not Detected
4-Methyl-2-pentanone	5.2	Not Detected	21	Not Detected
Toluene	5.2	Not Detected	20	Not Detected
trans-1,3-Dichloropropene	5.2	Not Detected	24	Not Detected
1,1,2-Trichloroethane	5.2	Not Detected	28	Not Detected
Tetrachloroethene	5.2	250	35	1700
2-Hexanone	21	1.9 J	85	7.8 J



Air Toxics

Client Sample ID: SV-6

Lab ID#: 1509319AR2-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092320r2	Date of Collection:	9/15/15 7:31:00 PM
Dil. Factor:	10.4	Date of Analysis:	9/23/15 11:06 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.2	Not Detected	44	Not Detected
1,2-Dibromoethane (EDB)	5.2	Not Detected	40	Not Detected
Chlorobenzene	5.2	Not Detected	24	Not Detected
Ethyl Benzene	5.2	Not Detected	22	Not Detected
m,p-Xylene	5.2	Not Detected	22	Not Detected
o-Xylene	5.2	Not Detected	22	Not Detected
Styrene	5.2	Not Detected	22	Not Detected
Bromoform	5.2	Not Detected	54	Not Detected
Cumene	5.2	Not Detected	26	Not Detected
1,1,2,2-Tetrachloroethane	5.2	Not Detected	36	Not Detected
Propylbenzene	5.2	Not Detected	26	Not Detected
4-Ethyltoluene	5.2	Not Detected	26	Not Detected
1,3,5-Trimethylbenzene	5.2	Not Detected	26	Not Detected
1,2,4-Trimethylbenzene	5.2	Not Detected	26	Not Detected
1,3-Dichlorobenzene	5.2	Not Detected	31	Not Detected
1,4-Dichlorobenzene	5.2	Not Detected	31	Not Detected
alpha-Chlorotoluene	5.2	Not Detected	27	Not Detected
1,2-Dichlorobenzene	5.2	Not Detected	31	Not Detected
1,2,4-Trichlorobenzene	21	Not Detected	150	Not Detected
Hexachlorobutadiene	21	Not Detected	220	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: SV-11

Lab ID#: 1509319AR2-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092321r2	Date of Collection:	9/15/15 8:21:00 PM
Dil. Factor:	2.12	Date of Analysis:	9/23/15 11:43 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	1.5	5.2	7.4
Freon 114	1.1	Not Detected	7.4	Not Detected
Chloromethane	11	Not Detected	22	Not Detected
Vinyl Chloride	1.1	Not Detected	2.7	Not Detected
1,3-Butadiene	1.1	0.56 J	2.3	1.2 J
Bromomethane	11	Not Detected	41	Not Detected
Chloroethane	4.2	Not Detected	11	Not Detected
Freon 11	1.1	1.9	6.0	10
Ethanol	4.2	Not Detected	8.0	Not Detected
Freon 113	1.1	Not Detected	8.1	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.2	Not Detected
Acetone	11	13	25	30
2-Propanol	4.2	1.0 J	10	2.5 J
Carbon Disulfide	4.2	0.61 J	13	1.9 J
3-Chloropropene	4.2	Not Detected	13	Not Detected
Methylene Chloride	11	1.0 J	37	3.6 J
Methyl tert-butyl ether	1.1	Not Detected	3.8	Not Detected
trans-1,2-Dichloroethene	1.1	110	4.2	440
Hexane	1.1	0.93 J	3.7	3.3 J
1,1-Dichloroethane	1.1	Not Detected	4.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.2	3.0 J	12	9.0 J
cis-1,2-Dichloroethene	1.1	Not Detected	4.2	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.1	Not Detected
Chloroform	1.1	0.61 J	5.2	3.0 J
1,1,1-Trichloroethane	1.1	2.1	5.8	12
Cyclohexane	1.1	0.56 J	3.6	1.9 J
Carbon Tetrachloride	1.1	Not Detected	6.7	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.0	Not Detected
Benzene	1.1	0.43 J	3.4	1.4 J
1,2-Dichloroethane	1.1	Not Detected	4.3	Not Detected
Heptane	1.1	5.8	4.3	24
Trichloroethene	1.1	16	5.7	84
1,2-Dichloropropane	1.1	Not Detected	4.9	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
Bromodichloromethane	1.1	Not Detected	7.1	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	4.8	Not Detected
4-Methyl-2-pentanone	1.1	0.72 J	4.3	2.9 J
Toluene	1.1	4.4	4.0	17
trans-1,3-Dichloropropene	1.1	Not Detected	4.8	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	5.8	Not Detected
Tetrachloroethene	1.1	150	7.2	1000
2-Hexanone	4.2	1.5 J	17	6.2 J



Air Toxics

Client Sample ID: SV-11

Lab ID#: 1509319AR2-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092321r2	Date of Collection:	9/15/15 8:21:00 PM
Dil. Factor:	2.12	Date of Analysis:	9/23/15 11:43 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.0	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.1	Not Detected
Chlorobenzene	1.1	Not Detected	4.9	Not Detected
Ethyl Benzene	1.1	Not Detected	4.6	Not Detected
m,p-Xylene	1.1	0.44 J	4.6	1.9 J
o-Xylene	1.1	Not Detected	4.6	Not Detected
Styrene	1.1	Not Detected	4.5	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.3	Not Detected
Propylbenzene	1.1	Not Detected	5.2	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.2	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.2	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.4	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.4	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.5	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.4	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	45	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	94	70-130

Client Sample ID: DUP1

Lab ID#: 1509319AR2-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092322r2	Date of Collection:	9/15/15 12:01:00 PM
Dil. Factor:	2.05	Date of Analysis:	9/24/15 12:06 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	1.5	5.1	7.4
Freon 114	1.0	Not Detected	7.2	Not Detected
Chloromethane	10	Not Detected	21	Not Detected
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
1,3-Butadiene	1.0	Not Detected	2.3	Not Detected
Bromomethane	10	Not Detected	40	Not Detected
Chloroethane	4.1	Not Detected	11	Not Detected
Freon 11	1.0	1.7	5.8	9.3
Ethanol	4.1	Not Detected	7.7	Not Detected
Freon 113	1.0	Not Detected	7.8	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Acetone	10	14	24	34
2-Propanol	4.1	2.7 J	10	6.7 J
Carbon Disulfide	4.1	0.61 J	13	1.9 J
3-Chloropropene	4.1	Not Detected	13	Not Detected
Methylene Chloride	10	1.8 J	36	6.3 J
Methyl tert-butyl ether	1.0	Not Detected	3.7	Not Detected
trans-1,2-Dichloroethene	1.0	100	4.1	400
Hexane	1.0	1.8	3.6	6.2
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.1	3.3 J	12	9.8 J
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	1.0	0.60 J	5.0	2.9 J
1,1,1-Trichloroethane	1.0	2.2	5.6	12
Cyclohexane	1.0	0.94 J	3.5	3.2 J
Carbon Tetrachloride	1.0	Not Detected	6.4	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.8	Not Detected
Benzene	1.0	0.60 J	3.3	1.9 J
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Heptane	1.0	5.1	4.2	21
Trichloroethene	1.0	13	5.5	71
1,2-Dichloropropane	1.0	Not Detected	4.7	Not Detected
1,4-Dioxane	4.1	Not Detected	15	Not Detected
Bromodichloromethane	1.0	Not Detected	6.9	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
4-Methyl-2-pentanone	1.0	0.84 J	4.2	3.4 J
Toluene	1.0	6.8	3.9	26
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.6	Not Detected
Tetrachloroethene	1.0	130	7.0	900
2-Hexanone	4.1	1.3 J	17	5.3 J



Air Toxics

Client Sample ID: DUP1

Lab ID#: 1509319AR2-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092322r2	Date of Collection:	9/15/15 12:01:00 PM
Dil. Factor:	2.05	Date of Analysis:	9/24/15 12:06 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.0	Not Detected	8.7	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.9	Not Detected
Chlorobenzene	1.0	Not Detected	4.7	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	0.66 J	4.4	2.8 J
o-Xylene	1.0	0.29 J	4.4	1.2 J
Styrene	1.0	Not Detected	4.4	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
Cumene	1.0	Not Detected	5.0	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.0	Not Detected
Propylbenzene	1.0	Not Detected	5.0	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.3	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.2	Not Detected
1,2,4-Trichlorobenzene	4.1	Not Detected	30	Not Detected
Hexachlorobutadiene	4.1	Not Detected	44	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: SV-9

Lab ID#: 1509319AR2-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092323r2	Date of Collection:	9/17/15 12:58:00 PM
Dil. Factor:	2.23	Date of Analysis:	9/24/15 12:42 AM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	1.2	5.5	5.8
Freon 114	1.1	Not Detected	7.8	Not Detected
Chloromethane	11	Not Detected	23	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	11	Not Detected	43	Not Detected
Chloroethane	4.5	Not Detected	12	Not Detected
Freon 11	1.1	40	6.3	220
Ethanol	4.5	Not Detected	8.4	Not Detected
Freon 113	1.1	Not Detected	8.5	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Acetone	11	7.6 J	26	18 J
2-Propanol	4.5	Not Detected	11	Not Detected
Carbon Disulfide	4.5	0.59 J	14	1.8 J
3-Chloropropene	4.5	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	39	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	0.80 J	4.4	3.2 J
Hexane	1.1	Not Detected	3.9	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.5	2.3 J	13	6.9 J
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.3	Not Detected
Chloroform	1.1	1.8	5.4	8.7
1,1,1-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Cyclohexane	1.1	0.21 J	3.8	0.72 J
Carbon Tetrachloride	1.1	Not Detected	7.0	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.2	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.5	Not Detected
Heptane	1.1	Not Detected	4.6	Not Detected
Trichloroethene	1.1	4.7	6.0	25
1,2-Dichloropropane	1.1	Not Detected	5.2	Not Detected
1,4-Dioxane	4.5	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.5	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
4-Methyl-2-pentanone	1.1	0.55 J	4.6	2.2 J
Toluene	1.1	0.49 J	4.2	1.8 J
trans-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Tetrachloroethene	1.1	100	7.6	680
2-Hexanone	4.5	1.0 J	18	4.3 J



Air Toxics

Client Sample ID: SV-9

Lab ID#: 1509319AR2-09A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092323r2	Date of Collection:	9/17/15 12:58:00 PM
Dil. Factor:	2.23	Date of Analysis:	9/24/15 12:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.5	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.6	Not Detected
Chlorobenzene	1.1	Not Detected	5.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Styrene	1.1	Not Detected	4.7	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.5	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.6	Not Detected
Propylbenzene	1.1	Not Detected	5.5	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.8	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,2,4-Trichlorobenzene	4.5	Not Detected	33	Not Detected
Hexachlorobutadiene	4.5	Not Detected	48	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: SV-7

Lab ID#: 1509319AR2-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092324r2	Date of Collection:	9/17/15 1:45:00 PM
Dil. Factor:	112	Date of Analysis:	9/24/15 01:04 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	56	82	280	400
Freon 114	56	Not Detected	390	Not Detected
Chloromethane	560	Not Detected	1200	Not Detected
Vinyl Chloride	56	Not Detected	140	Not Detected
1,3-Butadiene	56	Not Detected	120	Not Detected
Bromomethane	560	Not Detected	2200	Not Detected
Chloroethane	220	Not Detected	590	Not Detected
Freon 11	56	18000	310	100000
Ethanol	220	Not Detected	420	Not Detected
Freon 113	56	Not Detected	430	Not Detected
1,1-Dichloroethene	56	Not Detected	220	Not Detected
Acetone	560	100 J	1300	250 J
2-Propanol	220	130 J	550	330 J
Carbon Disulfide	220	18 J	700	56 J
3-Chloropropene	220	Not Detected	700	Not Detected
Methylene Chloride	560	100 J	1900	360 J
Methyl tert-butyl ether	56	Not Detected	200	Not Detected
trans-1,2-Dichloroethene	56	42 J	220	170 J
Hexane	56	Not Detected	200	Not Detected
1,1-Dichloroethane	56	Not Detected	230	Not Detected
2-Butanone (Methyl Ethyl Ketone)	220	Not Detected	660	Not Detected
cis-1,2-Dichloroethene	56	Not Detected	220	Not Detected
Tetrahydrofuran	56	Not Detected	160	Not Detected
Chloroform	56	Not Detected	270	Not Detected
1,1,1-Trichloroethane	56	Not Detected	300	Not Detected
Cyclohexane	56	Not Detected	190	Not Detected
Carbon Tetrachloride	56	Not Detected	350	Not Detected
2,2,4-Trimethylpentane	56	Not Detected	260	Not Detected
Benzene	56	Not Detected	180	Not Detected
1,2-Dichloroethane	56	Not Detected	230	Not Detected
Heptane	56	Not Detected	230	Not Detected
Trichloroethene	56	Not Detected	300	Not Detected
1,2-Dichloropropane	56	Not Detected	260	Not Detected
1,4-Dioxane	220	Not Detected	810	Not Detected
Bromodichloromethane	56	Not Detected	380	Not Detected
cis-1,3-Dichloropropene	56	Not Detected	250	Not Detected
4-Methyl-2-pentanone	56	Not Detected	230	Not Detected
Toluene	56	20 J	210	74 J
trans-1,3-Dichloropropene	56	Not Detected	250	Not Detected
1,1,2-Trichloroethane	56	Not Detected	300	Not Detected
Tetrachloroethene	56	110	380	720
2-Hexanone	220	Not Detected	920	Not Detected

Client Sample ID: SV-7

Lab ID#: 1509319AR2-10A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092324r2	Date of Collection:	9/17/15 1:45:00 PM
Dil. Factor:	112	Date of Analysis:	9/24/15 01:04 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	56	Not Detected	480	Not Detected
1,2-Dibromoethane (EDB)	56	Not Detected	430	Not Detected
Chlorobenzene	56	Not Detected	260	Not Detected
Ethyl Benzene	56	Not Detected	240	Not Detected
m,p-Xylene	56	Not Detected	240	Not Detected
o-Xylene	56	Not Detected	240	Not Detected
Styrene	56	Not Detected	240	Not Detected
Bromoform	56	Not Detected	580	Not Detected
Cumene	56	Not Detected	280	Not Detected
1,1,2,2-Tetrachloroethane	56	Not Detected	380	Not Detected
Propylbenzene	56	Not Detected	280	Not Detected
4-Ethyltoluene	56	Not Detected	280	Not Detected
1,3,5-Trimethylbenzene	56	Not Detected	280	Not Detected
1,2,4-Trimethylbenzene	56	Not Detected	280	Not Detected
1,3-Dichlorobenzene	56	Not Detected	340	Not Detected
1,4-Dichlorobenzene	56	Not Detected	340	Not Detected
alpha-Chlorotoluene	56	Not Detected	290	Not Detected
1,2-Dichlorobenzene	56	Not Detected	340	Not Detected
1,2,4-Trichlorobenzene	220	Not Detected	1700	Not Detected
Hexachlorobutadiene	220	Not Detected	2400	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: SV-8

Lab ID#: 1509319AR2-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092325r2	Date of Collection:	9/17/15 2:28:00 PM
Dil. Factor:	2.25	Date of Analysis:	9/24/15 01:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	7.6	5.6	37
Freon 114	1.1	Not Detected	7.9	Not Detected
Chloromethane	11	Not Detected	23	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	11	Not Detected	44	Not Detected
Chloroethane	4.5	Not Detected	12	Not Detected
Freon 11	1.1	30	6.3	170
Ethanol	4.5	Not Detected	8.5	Not Detected
Freon 113	1.1	Not Detected	8.6	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Acetone	11	4.0 J	27	9.5 J
2-Propanol	4.5	Not Detected	11	Not Detected
Carbon Disulfide	4.5	Not Detected	14	Not Detected
3-Chloropropene	4.5	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	39	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	13	4.5	52
Hexane	1.1	Not Detected	4.0	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.5	0.71 J	13	2.1 J
cis-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.3	Not Detected
Chloroform	1.1	9.2	5.5	45
1,1,1-Trichloroethane	1.1	1.0 J	6.1	5.5 J
Cyclohexane	1.1	0.29 J	3.9	0.99 J
Carbon Tetrachloride	1.1	Not Detected	7.1	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.2	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
Heptane	1.1	Not Detected	4.6	Not Detected
Trichloroethene	1.1	4.5	6.0	24
1,2-Dichloropropane	1.1	Not Detected	5.2	Not Detected
1,4-Dioxane	4.5	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.5	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.6	Not Detected
Toluene	1.1	0.34 J	4.2	1.3 J
trans-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Tetrachloroethene	1.1	93	7.6	630
2-Hexanone	4.5	0.47 J	18	1.9 J



Client Sample ID: SV-8

Lab ID#: 1509319AR2-11A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092325r2	Date of Collection:	9/17/15 2:28:00 PM
Dil. Factor:	2.25	Date of Analysis:	9/24/15 01:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.6	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.6	Not Detected
Chlorobenzene	1.1	Not Detected	5.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Styrene	1.1	Not Detected	4.8	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.5	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.7	Not Detected
Propylbenzene	1.1	Not Detected	5.5	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.8	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.8	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.8	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.8	Not Detected
1,2,4-Trichlorobenzene	4.5	Not Detected	33	Not Detected
Hexachlorobutadiene	4.5	Not Detected	48	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	94	70-130



Air Toxics

Client Sample ID: SV-10

Lab ID#: 1509319AR2-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092327r2	Date of Collection:	9/17/15 3:21:00 PM
Dil. Factor:	16.8	Date of Analysis:	9/24/15 02:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	8.4	Not Detected	42	Not Detected
Freon 114	8.4	Not Detected	59	Not Detected
Chloromethane	84	Not Detected	170	Not Detected
Vinyl Chloride	8.4	Not Detected	21	Not Detected
1,3-Butadiene	8.4	Not Detected	18	Not Detected
Bromomethane	84	Not Detected	330	Not Detected
Chloroethane	34	Not Detected	89	Not Detected
Freon 11	8.4	2.7 J	47	15 J
Ethanol	34	Not Detected	63	Not Detected
Freon 113	8.4	Not Detected	64	Not Detected
1,1-Dichloroethene	8.4	Not Detected	33	Not Detected
Acetone	84	11 J	200	27 J
2-Propanol	34	Not Detected	82	Not Detected
Carbon Disulfide	34	Not Detected	100	Not Detected
3-Chloropropene	34	Not Detected	100	Not Detected
Methylene Chloride	84	Not Detected	290	Not Detected
Methyl tert-butyl ether	8.4	Not Detected	30	Not Detected
trans-1,2-Dichloroethene	8.4	3300	33	13000
Hexane	8.4	Not Detected	30	Not Detected
1,1-Dichloroethane	8.4	Not Detected	34	Not Detected
2-Butanone (Methyl Ethyl Ketone)	34	Not Detected	99	Not Detected
cis-1,2-Dichloroethene	8.4	2.6 J	33	10 J
Tetrahydrofuran	8.4	Not Detected	25	Not Detected
Chloroform	8.4	11	41	55
1,1,1-Trichloroethane	8.4	Not Detected	46	Not Detected
Cyclohexane	8.4	1.8 J	29	6.1 J
Carbon Tetrachloride	8.4	Not Detected	53	Not Detected
2,2,4-Trimethylpentane	8.4	Not Detected	39	Not Detected
Benzene	8.4	3.2 J	27	10 J
1,2-Dichloroethane	8.4	Not Detected	34	Not Detected
Heptane	8.4	Not Detected	34	Not Detected
Trichloroethene	8.4	12	45	63
1,2-Dichloropropane	8.4	Not Detected	39	Not Detected
1,4-Dioxane	34	Not Detected	120	Not Detected
Bromodichloromethane	8.4	Not Detected	56	Not Detected
cis-1,3-Dichloropropene	8.4	Not Detected	38	Not Detected
4-Methyl-2-pentanone	8.4	Not Detected	34	Not Detected
Toluene	8.4	10	32	38
trans-1,3-Dichloropropene	8.4	Not Detected	38	Not Detected
1,1,2-Trichloroethane	8.4	Not Detected	46	Not Detected
Tetrachloroethene	8.4	160	57	1100
2-Hexanone	34	Not Detected	140	Not Detected

Client Sample ID: SV-10

Lab ID#: 1509319AR2-12A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092327r2	Date of Collection:	9/17/15 3:21:00 PM
Dil. Factor:	16.8	Date of Analysis:	9/24/15 02:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	8.4	Not Detected	72	Not Detected
1,2-Dibromoethane (EDB)	8.4	Not Detected	64	Not Detected
Chlorobenzene	8.4	Not Detected	39	Not Detected
Ethyl Benzene	8.4	Not Detected	36	Not Detected
m,p-Xylene	8.4	2.2 J	36	9.6 J
o-Xylene	8.4	Not Detected	36	Not Detected
Styrene	8.4	Not Detected	36	Not Detected
Bromoform	8.4	Not Detected	87	Not Detected
Cumene	8.4	Not Detected	41	Not Detected
1,1,2,2-Tetrachloroethane	8.4	Not Detected	58	Not Detected
Propylbenzene	8.4	Not Detected	41	Not Detected
4-Ethyltoluene	8.4	Not Detected	41	Not Detected
1,3,5-Trimethylbenzene	8.4	Not Detected	41	Not Detected
1,2,4-Trimethylbenzene	8.4	Not Detected	41	Not Detected
1,3-Dichlorobenzene	8.4	Not Detected	50	Not Detected
1,4-Dichlorobenzene	8.4	Not Detected	50	Not Detected
alpha-Chlorotoluene	8.4	Not Detected	43	Not Detected
1,2-Dichlorobenzene	8.4	Not Detected	50	Not Detected
1,2,4-Trichlorobenzene	34	Not Detected	250	Not Detected
Hexachlorobutadiene	34	Not Detected	360	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	92	70-130



Air Toxics

Client Sample ID: Fld-Blank

Lab ID#: 1509319AR2-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092326r2	Date of Collection:	9/17/15 4:25:00 PM
Dil. Factor:	2.41	Date of Analysis:	9/24/15 02:03 AM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	1.2	Not Detected	8.4	Not Detected
Chloromethane	12	Not Detected	25	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
1,3-Butadiene	1.2	Not Detected	2.7	Not Detected
Bromomethane	12	Not Detected	47	Not Detected
Chloroethane	4.8	Not Detected	13	Not Detected
Freon 11	1.2	0.54 J	6.8	3.0 J
Ethanol	4.8	9.3	9.1	17
Freon 113	1.2	Not Detected	9.2	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Acetone	12	2.2 J	29	5.2 J
2-Propanol	4.8	0.82 J	12	2.0 J
Carbon Disulfide	4.8	Not Detected	15	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	12	Not Detected	42	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.3	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Hexane	1.2	Not Detected	4.2	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.6	Not Detected
Chloroform	1.2	Not Detected	5.9	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Cyclohexane	1.2	Not Detected	4.1	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
Benzene	1.2	Not Detected	3.8	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Heptane	1.2	Not Detected	4.9	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.1	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.9	Not Detected
Toluene	1.2	0.33 J	4.5	1.2 J
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	0.80 J	8.2	5.4 J
2-Hexanone	4.8	Not Detected	20	Not Detected



Air Toxics

Client Sample ID: Fld-Blank

Lab ID#: 1509319AR2-13A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092326r2	Date of Collection:	9/17/15 4:25:00 PM
Dil. Factor:	2.41	Date of Analysis:	9/24/15 02:03 AM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.2	Not Detected
Chlorobenzene	1.2	Not Detected	5.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Styrene	1.2	Not Detected	5.1	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.9	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.3	Not Detected
Propylbenzene	1.2	Not Detected	5.9	Not Detected
4-Ethyltoluene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.2	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.2	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	36	Not Detected
Hexachlorobutadiene	4.8	Not Detected	51	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	92	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1509319AR2-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092306ar2	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/23/15 12:03 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	0.12 J	2.5	0.60 J
Freon 114	0.50	0.19 J	3.5	1.3 J
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	0.35 J	1.1	0.77 J
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	0.17 J	2.8	0.96 J
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	0.19 J	3.8	1.4 J
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	0.43 J	12	1.0 J
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	0.29 J	6.2	0.89 J
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	0.34 J	17	1.2 J
Methyl tert-butyl ether	0.50	0.17 J	1.8	0.62 J
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	0.25 J	2.0	1.0 J
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	0.26 J	2.0	1.0 J
Tetrahydrofuran	0.50	0.42 J	1.5	1.2 J
Chloroform	0.50	0.22 J	2.4	1.0 J
1,1,1-Trichloroethane	0.50	0.18 J	2.7	0.98 J
Cyclohexane	0.50	0.15 J	1.7	0.53 J
Carbon Tetrachloride	0.50	0.15 J	3.1	0.97 J
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	0.17 J	1.6	0.55 J
1,2-Dichloroethane	0.50	0.24 J	2.0	0.96 J
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	0.28 J	2.7	1.5 J
1,2-Dichloropropane	0.50	0.15 J	2.3	0.68 J
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	0.15 J	3.4	1.0 J
2-Hexanone	2.0	Not Detected	8.2	Not Detected



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1509319AR2-14A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092306ar2	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 12:03 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	0.068 J	3.0	0.41 J
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

J = Estimated value.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: Lab Blank

Lab ID#: 1509319AR2-14B

EPA METHOD TO-15 GC/MS

File Name:	14092509r2	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/25/15 06:47 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	4.7 J	19	18 J
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	Not Detected	38	Not Detected
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	5.0	Not Detected UJ	18	Not Detected UJ
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 1509319AR2-14B

EPA METHOD TO-15 GC/MS

File Name:	14092509r2	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/25/15 06:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	4.5 J	150	33 J
Hexachlorobutadiene	20	Not Detected	210	Not Detected

J = Estimated value.

UJ = Analyte associated with low bias in the CCV and/or LCS.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1509319AR2-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092305	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 11:28 AM

Compound	%Recovery
Freon 12	99
Freon 114	99
Chloromethane	97
Vinyl Chloride	96
1,3-Butadiene	98
Bromomethane	105
Chloroethane	97
Freon 11	97
Ethanol	95
Freon 113	98
1,1-Dichloroethene	97
Acetone	98
2-Propanol	103
Carbon Disulfide	98
3-Chloropropene	97
Methylene Chloride	98
Methyl tert-butyl ether	97
trans-1,2-Dichloroethene	101
Hexane	96
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	98
Tetrahydrofuran	92
Chloroform	97
1,1,1-Trichloroethane	97
Cyclohexane	97
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	99
Benzene	95
1,2-Dichloroethane	95
Heptane	97
Trichloroethene	96
1,2-Dichloropropane	97
1,4-Dioxane	100
Bromodichloromethane	96
cis-1,3-Dichloropropene	96
4-Methyl-2-pentanone	105
Toluene	95
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	98
Tetrachloroethene	95
2-Hexanone	107

Client Sample ID: CCV

Lab ID#: 1509319AR2-15A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092305	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 11:28 AM

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	98
Chlorobenzene	96
Ethyl Benzene	100
m,p-Xylene	100
o-Xylene	99
Styrene	102
Bromoform	99
Cumene	98
1,1,2,2-Tetrachloroethane	97
Propylbenzene	99
4-Ethyltoluene	101
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	97
Hexachlorobutadiene	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1509319AR2-15B

EPA METHOD TO-15 GC/MS

File Name:	14092506	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/25/15 05:36 PM

Compound	%Recovery
Freon 12	96
Freon 114	90
Chloromethane	99
Vinyl Chloride	102
1,3-Butadiene	101
Bromomethane	86
Chloroethane	95
Freon 11	96
Ethanol	128
Freon 113	90
1,1-Dichloroethene	105
Acetone	99
2-Propanol	96
Carbon Disulfide	96
3-Chloropropene	86
Methylene Chloride	99
Methyl tert-butyl ether	66 Q
trans-1,2-Dichloroethene	96
Hexane	94
1,1-Dichloroethane	100
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	99
Tetrahydrofuran	89
Chloroform	101
1,1,1-Trichloroethane	94
Cyclohexane	94
Carbon Tetrachloride	90
2,2,4-Trimethylpentane	97
Benzene	95
1,2-Dichloroethane	104
Heptane	94
Trichloroethene	100
1,2-Dichloropropane	100
1,4-Dioxane	100
Bromodichloromethane	96
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	89
Toluene	96
trans-1,3-Dichloropropene	89
1,1,2-Trichloroethane	100
Tetrachloroethene	94
2-Hexanone	101



Air Toxics

Client Sample ID: CCV

Lab ID#: 1509319AR2-15B

EPA METHOD TO-15 GC/MS

File Name:	14092506	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/25/15 05:36 PM

Compound	%Recovery
Dibromochloromethane	93
1,2-Dibromoethane (EDB)	98
Chlorobenzene	96
Ethyl Benzene	92
m,p-Xylene	95
o-Xylene	93
Styrene	97
Bromoform	92
Cumene	97
1,1,2,2-Tetrachloroethane	104
Propylbenzene	99
4-Ethyltoluene	98
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	124
Hexachlorobutadiene	126

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1509319AR2-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 10:24 AM

Compound	%Recovery	Method Limits
Freon 12	88	70-130
Freon 114	90	70-130
Chloromethane	83	70-130
Vinyl Chloride	85	70-130
1,3-Butadiene	84	70-130
Bromomethane	90	70-130
Chloroethane	88	70-130
Freon 11	88	70-130
Ethanol	84	70-130
Freon 113	84	70-130
1,1-Dichloroethene	83	70-130
Acetone	85	70-130
2-Propanol	93	70-130
Carbon Disulfide	75	70-130
3-Chloropropene	79	70-130
Methylene Chloride	84	70-130
Methyl tert-butyl ether	82	70-130
trans-1,2-Dichloroethene	74	70-130
Hexane	81	70-130
1,1-Dichloroethane	87	70-130
2-Butanone (Methyl Ethyl Ketone)	84	70-130
cis-1,2-Dichloroethene	93	70-130
Tetrahydrofuran	80	70-130
Chloroform	82	70-130
1,1,1-Trichloroethane	82	70-130
Cyclohexane	84	70-130
Carbon Tetrachloride	84	70-130
2,2,4-Trimethylpentane	85	70-130
Benzene	83	70-130
1,2-Dichloroethane	84	70-130
Heptane	83	70-130
Trichloroethene	91	70-130
1,2-Dichloropropane	87	70-130
1,4-Dioxane	90	70-130
Bromodichloromethane	86	70-130
cis-1,3-Dichloropropene	78	70-130
4-Methyl-2-pentanone	95	70-130
Toluene	82	70-130
trans-1,3-Dichloropropene	82	70-130
1,1,2-Trichloroethane	84	70-130
Tetrachloroethene	80	70-130
2-Hexanone	100	70-130

Client Sample ID: LCS

Lab ID#: 1509319AR2-16A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 10:24 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	83	70-130
1,2-Dibromoethane (EDB)	85	70-130
Chlorobenzene	82	70-130
Ethyl Benzene	84	70-130
m,p-Xylene	85	70-130
o-Xylene	88	70-130
Styrene	83	70-130
Bromoform	85	70-130
Cumene	84	70-130
1,1,2,2-Tetrachloroethane	77	70-130
Propylbenzene	87	70-130
4-Ethyltoluene	116	70-130
1,3,5-Trimethylbenzene	88	70-130
1,2,4-Trimethylbenzene	86	70-130
1,3-Dichlorobenzene	86	70-130
1,4-Dichlorobenzene	87	70-130
alpha-Chlorotoluene	94	70-130
1,2-Dichlorobenzene	87	70-130
1,2,4-Trichlorobenzene	97	70-130
Hexachlorobutadiene	91	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: LCSD

Lab ID#: 1509319AR2-16AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 10:48 AM

Compound	%Recovery	Method Limits
Freon 12	94	70-130
Freon 114	96	70-130
Chloromethane	88	70-130
Vinyl Chloride	90	70-130
1,3-Butadiene	86	70-130
Bromomethane	96	70-130
Chloroethane	92	70-130
Freon 11	93	70-130
Ethanol	96	70-130
Freon 113	88	70-130
1,1-Dichloroethene	88	70-130
Acetone	92	70-130
2-Propanol	98	70-130
Carbon Disulfide	79	70-130
3-Chloropropene	82	70-130
Methylene Chloride	88	70-130
Methyl tert-butyl ether	87	70-130
trans-1,2-Dichloroethene	80	70-130
Hexane	86	70-130
1,1-Dichloroethane	91	70-130
2-Butanone (Methyl Ethyl Ketone)	88	70-130
cis-1,2-Dichloroethene	97	70-130
Tetrahydrofuran	83	70-130
Chloroform	88	70-130
1,1,1-Trichloroethane	87	70-130
Cyclohexane	89	70-130
Carbon Tetrachloride	88	70-130
2,2,4-Trimethylpentane	89	70-130
Benzene	85	70-130
1,2-Dichloroethane	85	70-130
Heptane	85	70-130
Trichloroethene	94	70-130
1,2-Dichloropropane	87	70-130
1,4-Dioxane	90	70-130
Bromodichloromethane	88	70-130
cis-1,3-Dichloropropene	80	70-130
4-Methyl-2-pentanone	98	70-130
Toluene	84	70-130
trans-1,3-Dichloropropene	87	70-130
1,1,2-Trichloroethane	87	70-130
Tetrachloroethene	84	70-130
2-Hexanone	102	70-130

Client Sample ID: LCSD

Lab ID#: 1509319AR2-16AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17092304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/15 10:48 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	86	70-130
1,2-Dibromoethane (EDB)	88	70-130
Chlorobenzene	86	70-130
Ethyl Benzene	88	70-130
m,p-Xylene	88	70-130
o-Xylene	91	70-130
Styrene	87	70-130
Bromoform	89	70-130
Cumene	87	70-130
1,1,2,2-Tetrachloroethane	81	70-130
Propylbenzene	90	70-130
4-Ethyltoluene	90	70-130
1,3,5-Trimethylbenzene	89	70-130
1,2,4-Trimethylbenzene	90	70-130
1,3-Dichlorobenzene	90	70-130
1,4-Dichlorobenzene	92	70-130
alpha-Chlorotoluene	96	70-130
1,2-Dichlorobenzene	91	70-130
1,2,4-Trichlorobenzene	102	70-130
Hexachlorobutadiene	94	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1509319AR2-16B

EPA METHOD TO-15 GC/MS

File Name:	14092507	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/25/15 05:58 PM

Compound	%Recovery	Method Limits
Freon 12	104	70-130
Freon 114	99	70-130
Chloromethane	108	70-130
Vinyl Chloride	110	70-130
1,3-Butadiene	104	70-130
Bromomethane	92	70-130
Chloroethane	99	70-130
Freon 11	104	70-130
Ethanol	95	70-130
Freon 113	96	70-130
1,1-Dichloroethene	104	70-130
Acetone	105	70-130
2-Propanol	103	70-130
Carbon Disulfide	88	70-130
3-Chloropropene	91	70-130
Methylene Chloride	104	70-130
Methyl tert-butyl ether	69 Q	70-130
trans-1,2-Dichloroethene	87	70-130
Hexane	98	70-130
1,1-Dichloroethane	101	70-130
2-Butanone (Methyl Ethyl Ketone)	105	70-130
cis-1,2-Dichloroethene	113	70-130
Tetrahydrofuran	90	70-130
Chloroform	101	70-130
1,1,1-Trichloroethane	100	70-130
Cyclohexane	97	70-130
Carbon Tetrachloride	97	70-130
2,2,4-Trimethylpentane	102	70-130
Benzene	97	70-130
1,2-Dichloroethane	104	70-130
Heptane	97	70-130
Trichloroethene	98	70-130
1,2-Dichloropropane	101	70-130
1,4-Dioxane	101	70-130
Bromodichloromethane	101	70-130
cis-1,3-Dichloropropene	94	70-130
4-Methyl-2-pentanone	93	70-130
Toluene	98	70-130
trans-1,3-Dichloropropene	98	70-130
1,1,2-Trichloroethane	100	70-130
Tetrachloroethene	95	70-130
2-Hexanone	108	70-130

Client Sample ID: LCS

Lab ID#: 1509319AR2-16B

EPA METHOD TO-15 GC/MS

File Name:	14092507	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/25/15 05:58 PM

Compound	%Recovery	Method Limits
Dibromochloromethane	98	70-130
1,2-Dibromoethane (EDB)	99	70-130
Chlorobenzene	98	70-130
Ethyl Benzene	95	70-130
m,p-Xylene	99	70-130
o-Xylene	101	70-130
Styrene	101	70-130
Bromoform	98	70-130
Cumene	100	70-130
1,1,2,2-Tetrachloroethane	112	70-130
Propylbenzene	105	70-130
4-Ethyltoluene	101	70-130
1,3,5-Trimethylbenzene	105	70-130
1,2,4-Trimethylbenzene	103	70-130
1,3-Dichlorobenzene	102	70-130
1,4-Dichlorobenzene	103	70-130
alpha-Chlorotoluene	111	70-130
1,2-Dichlorobenzene	106	70-130
1,2,4-Trichlorobenzene	116	70-130
Hexachlorobutadiene	121	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1509319AR2-16BB

EPA METHOD TO-15 GC/MS

File Name:	14092508	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/25/15 06:17 PM

Compound	%Recovery	Method Limits
Freon 12	105	70-130
Freon 114	97	70-130
Chloromethane	109	70-130
Vinyl Chloride	110	70-130
1,3-Butadiene	102	70-130
Bromomethane	93	70-130
Chloroethane	99	70-130
Freon 11	103	70-130
Ethanol	94	70-130
Freon 113	92	70-130
1,1-Dichloroethene	104	70-130
Acetone	100	70-130
2-Propanol	102	70-130
Carbon Disulfide	88	70-130
3-Chloropropene	88	70-130
Methylene Chloride	101	70-130
Methyl tert-butyl ether	72	70-130
trans-1,2-Dichloroethene	84	70-130
Hexane	97	70-130
1,1-Dichloroethane	101	70-130
2-Butanone (Methyl Ethyl Ketone)	97	70-130
cis-1,2-Dichloroethene	110	70-130
Tetrahydrofuran	86	70-130
Chloroform	99	70-130
1,1,1-Trichloroethane	95	70-130
Cyclohexane	96	70-130
Carbon Tetrachloride	95	70-130
2,2,4-Trimethylpentane	101	70-130
Benzene	97	70-130
1,2-Dichloroethane	105	70-130
Heptane	96	70-130
Trichloroethene	94	70-130
1,2-Dichloropropane	100	70-130
1,4-Dioxane	100	70-130
Bromodichloromethane	100	70-130
cis-1,3-Dichloropropene	94	70-130
4-Methyl-2-pentanone	95	70-130
Toluene	98	70-130
trans-1,3-Dichloropropene	102	70-130
1,1,2-Trichloroethane	100	70-130
Tetrachloroethene	96	70-130
2-Hexanone	105	70-130

Client Sample ID: LCSD
 Lab ID#: 1509319AR2-16BB
 EPA METHOD TO-15 GC/MS

File Name:	14092508	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/25/15 06:17 PM

Compound	%Recovery	Method Limits
Dibromochloromethane	97	70-130
1,2-Dibromoethane (EDB)	101	70-130
Chlorobenzene	99	70-130
Ethyl Benzene	94	70-130
m,p-Xylene	98	70-130
o-Xylene	100	70-130
Styrene	102	70-130
Bromoform	97	70-130
Cumene	100	70-130
1,1,2,2-Tetrachloroethane	112	70-130
Propylbenzene	105	70-130
4-Ethyltoluene	103	70-130
1,3,5-Trimethylbenzene	106	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3-Dichlorobenzene	103	70-130
1,4-Dichlorobenzene	104	70-130
alpha-Chlorotoluene	117	70-130
1,2-Dichlorobenzene	106	70-130
1,2,4-Trichlorobenzene	136 Q	70-130
Hexachlorobutadiene	129	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

LABSAMPID	LABCODE	MATRIX	METHOD	CLIENT_SAMPID	SAMPDATE	ANADATE	ANATIME	LABCTID	DILUTION	MDL	REPLMT	UNITS	RESULTS	DATAFLAGS	MDL (ug/m3)	REPLMT (ug/m3)	UNITS (ug/m3)	RESULTS (ug/m3)	DATAFLAGS (ug/m3)	%RPD	COMPOUND NAME	CASNUM
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	8.6	45	PPBV	17	J	43	220	UG/M3	85	J		Freon 12	75-71-8
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	13	45	PPBV	ND	ND	93	310	UG/M3		ND		Freon 114	76-14-2
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	35	450	PPBV	ND	ND	72	930	UG/M3		ND		Chloromethane	74-87-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	14	45	PPBV	ND	ND	36	110	UG/M3		ND		Vinyl Chloride	75-01-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	21	45	PPBV	ND	ND	46	99	UG/M3		ND		1,3-Butadiene	106-99-0
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	17	450	PPBV	ND	ND	68	1700	UG/M3		ND		Bromomethane	74-83-9
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	28	180	PPBV	ND	ND	73	470	UG/M3		ND		Chloroethane	75-00-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	14	45	PPBV	20	J	80	250	UG/M3	110	J		Freon 11	75-69-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	87	180	PPBV	ND	ND	160	340	UG/M3		ND		Ethanol	64-17-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	10	45	PPBV	ND	ND	76	340	UG/M3		ND		Freon 113	76-13-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	28	45	PPBV	ND	ND	110	180	UG/M3		ND		1,1-Dichloroethene	75-35-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	25	450	PPBV	37	J	60	1100	UG/M3	88	J		Acetone	67-64-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	30	180	PPBV	ND	ND	73	440	UG/M3		ND		2-Propanol	67-63-0
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	12	180	PPBV	18	J	38	560	UG/M3	55	J		Carbon Disulfide	75-15-0
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	26	180	PPBV	ND	ND	82	560	UG/M3		ND		3-Chloropropene	107-05-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	28	450	PPBV	58	J	96	1600	UG/M3	200	J		Methylene Chloride	75-09-2
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	14	45	PPBV	ND	ND	51	160	UG/M3		ND		Methyl tert-butyl ether	1634-04-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	23	45	PPBV	12000	J	93	180	UG/M3	47000	J		trans-1,2-Dichloroethene	156-60-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	11	45	PPBV	ND	ND	40	160	UG/M3		ND		Hexane	110-54-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	6.4	45	PPBV	ND	ND	26	180	UG/M3		ND		1,1-Dichloroethane	75-34-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	25	180	PPBV	ND	ND	74	530	UG/M3		ND		2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	13	45	PPBV	23	J	50	180	UG/M3	90	J		cis-1,2-Dichloroethene	156-59-2
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	27	45	PPBV	ND	ND	78	130	UG/M3		ND		Tetrahydrofuran	109-99-9
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	10	45	PPBV	15	J	50	220	UG/M3	75	J		Chloroform	67-66-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	9.3	45	PPBV	ND	ND	51	240	UG/M3		ND		1,1,1-Trichloroethane	71-55-6
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	6.8	45	PPBV	ND	ND	23	150	UG/M3		ND		Cyclohexane	110-82-7
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	11	45	PPBV	ND	ND	71	280	UG/M3		ND		Carbon Tetrachloride	56-23-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	3.3	45	PPBV	ND	ND	15	210	UG/M3		ND		2,2,4-Trimethylpentane	540-84-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	13	45	PPBV	ND	ND	42	140	UG/M3		ND		Benzene	71-43-2
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	15	45	PPBV	ND	ND	60	180	UG/M3		ND		1,2-Dichloroethane	107-06-2
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	9.5	45	PPBV	ND	ND	39	180	UG/M3		ND		Heptane	142-82-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	17	45	PPBV	ND	ND	90	240	UG/M3		ND		Trichloroethene	79-01-6
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	10	45	PPBV	ND	ND	48	210	UG/M3		ND		1,2-Dichloropropane	78-87-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	38	180	PPBV	ND	ND	140	650	UG/M3		ND		1,4-Dioxane	123-91-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	23	45	PPBV	ND	ND	160	300	UG/M3		ND		Bromodichloromethane	75-27-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	13	45	PPBV	ND	ND	58	200	UG/M3		ND		cis-1,3-Dichloropropene	10061-01-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	22	45	PPBV	ND	ND	89	180	UG/M3		ND		4-Methyl-2-pentanone	108-10-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	8.3	45	PPBV	11	J	31	170	UG/M3	41	J		Toluene	108-88-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	16	45	PPBV	ND	ND	71	200	UG/M3		ND		trans-1,3-Dichloropropene	10061-02-6
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	12	45	PPBV	ND	ND	63	240	UG/M3		ND		1,1,2-Trichloroethane	79-00-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	6.4	45	PPBV	11	J	43	300	UG/M3	73	J		Tetrachloroethene	127-18-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	10	180	PPBV	ND	ND	41	740	UG/M3		ND		2-Hexanone	591-78-6
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	12	45	PPBV	ND	ND	100	380	UG/M3		ND		Dibromochloromethane	124-48-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	8.6	45	PPBV	ND	ND	66	340	UG/M3		ND		1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	7.2	45	PPBV	ND	ND	33	210	UG/M3		ND		Chlorobenzene	108-90-7
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	11	45	PPBV	ND	ND	48	190	UG/M3		ND		Ethyl Benzene	100-41-4
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	7.7	45	PPBV	ND	ND	33	190	UG/M3		ND		m,p-Xylene	108-38-3/106-42-3
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	10	45	PPBV	ND	ND	46	190	UG/M3		ND		o-Xylene	95-47-6
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	8.0	45	PPBV	ND	ND	34	190	UG/M3		ND		Styrene	100-42-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	7.9	45	PPBV	ND	ND	82	460	UG/M3		ND		Bromoform	75-25-2
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	5.5	45	PPBV	ND	ND	27	220	UG/M3		ND		Cumene	98-82-8
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	16	45	PPBV	ND	ND	110	310	UG/M3		ND		1,1,2,2-Tetrachloroethane	79-34-5
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	4.9	45	PPBV	ND	ND	24	220	UG/M3		ND		Propylbenzene	103-65-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	11	45	PPBV	ND	ND	54	220	UG/M3		ND		4-Ethyltoluene	622-96-8
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	6.2	45	PPBV	ND	ND	30	220	UG/M3		ND		1,3,5-Trimethylbenzene	108-67-8
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	8.4	45	PPBV	ND	ND	41	220	UG/M3		ND		1,2,4-Trimethylbenzene	95-63-6
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	8.3	45	PPBV	ND	ND	50	270	UG/M3		ND		1,3-Dichlorobenzene	541-73-1
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	5.7	45	PPBV	ND	ND	34	270	UG/M3		ND		1,4-Dichlorobenzene	106-46-7
1509319AR2-01A	ATL	AIR	TO-15	SV-1	09/15/15	09/23/15	1509	17092301	89.8	3.2	45	PPBV	ND	ND	17	230	UG/M3		ND		alpha-Chlorotoluene	100-44-7
1509319AR2-0																						

1509319A2-02A	ATL	AIR	TO-15	SV-2	09/15/15	09/26/15	0939	14092505	2.20	7.3	44	PPBV	ND	54	330	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1		
1509319A2-02A	ATL	AIR	TO-15	SV-2	09/15/15	09/26/15	0939	14092505	2.20	10	44	PPBV	ND	110	470	UG/M3	ND	Hexachlorobutadiene	87-68-3		
1509319A2-02A	ATL	AIR	TO-15	SV-2	09/15/15	09/26/15	0939	14092505	2.20	%R	109	%R	109					1,2-Dichloroethane-d4	17060-07-0		
1509319A2-02A	ATL	AIR	TO-15	SV-2	09/15/15	09/26/15	0939	14092505	2.20	%R	103	%R	103					Toluene-d8	2037-26-5		
1509319A2-02A	ATL	AIR	TO-15	SV-2	09/15/15	09/26/15	0939	14092505	2.20	%R	95	%R	95					4-Bromofluorobenzene	460-00-4		
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.0	21	PPBV	9.6	J	20	100	UG/M3	47	J	Freon 12	75-71-8
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.3	21	PPBV	ND	ND	44	150	UG/M3	ND	ND	Freon 114	76-14-2
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	16	210	PPBV	ND	ND	34	430	UG/M3	ND	ND	Chloromethane	74-87-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.6	21	PPBV	ND	ND	17	54	UG/M3	ND	ND	Vinyl Chloride	75-01-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	9.8	21	PPBV	ND	ND	22	46	UG/M3	ND	ND	1,3-Butadiene	106-99-0
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	8.2	210	PPBV	ND	ND	32	820	UG/M3	ND	ND	Bromomethane	74-83-9
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	13	84	PPBV	ND	ND	34	220	UG/M3	ND	ND	Chloroethane	75-00-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.7	21	PPBV	10	J	38	120	UG/M3	58	J	Freon 11	75-69-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	41	84	PPBV	ND	ND	77	160	UG/M3	ND	ND	Ethanol	64-17-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.7	21	PPBV	ND	ND	36	160	UG/M3	ND	ND	Freon 113	76-13-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	13	21	PPBV	ND	ND	51	83	UG/M3	ND	ND	1,1-Dichloroethene	75-35-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	12	210	PPBV	29	J	28	500	UG/M3	70	J	Acetone	67-64-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	14	84	PPBV	ND	ND	34	210	UG/M3	ND	ND	2-Propanol	67-63-0
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.8	84	PPBV	ND	ND	18	260	UG/M3	ND	ND	Carbon Disulfide	75-15-0
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	12	84	PPBV	ND	ND	38	260	UG/M3	ND	ND	3-Chloropropene	107-05-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	13	210	PPBV	ND	ND	45	730	UG/M3	ND	ND	Methylene Chloride	75-09-2
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.6	21	PPBV	ND	ND	24	76	UG/M3	ND	ND	Methyl tert-butyl ether	1634-04-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	11	21	PPBV	7300	ND	44	83	UG/M3	29000	ND	trans-1,2-Dichloroethene	156-60-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.4	21	PPBV	ND	ND	19	74	UG/M3	ND	ND	Hexane	110-54-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.0	21	PPBV	ND	ND	12	85	UG/M3	ND	ND	1,1-Dichloroethane	75-34-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	12	84	PPBV	ND	ND	35	250	UG/M3	ND	ND	2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.0	21	PPBV	10	J	24	83	UG/M3	41	J	cis-1,2-Dichloroethene	156-59-2
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	12	21	PPBV	ND	ND	37	62	UG/M3	ND	ND	Tetrahydrofuran	109-99-9
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.8	21	PPBV	ND	ND	24	100	UG/M3	ND	ND	Chloroform	67-66-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.4	21	PPBV	ND	ND	24	110	UG/M3	ND	ND	1,1,1-Trichloroethane	71-55-6
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.2	21	PPBV	ND	ND	11	72	UG/M3	ND	ND	Cyclohexane	110-82-7
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.3	21	PPBV	ND	ND	33	130	UG/M3	ND	ND	Carbon Tetrachloride	56-23-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	1.5	21	PPBV	ND	ND	7.2	98	UG/M3	ND	ND	2,2,4-Trimethylpentane	540-84-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.2	21	PPBV	ND	ND	20	67	UG/M3	ND	ND	Benzene	71-43-2
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	7.0	21	PPBV	ND	ND	28	85	UG/M3	ND	ND	1,2-Dichloroethane	107-06-2
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.5	21	PPBV	ND	ND	18	86	UG/M3	ND	ND	Heptane	142-82-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	7.8	21	PPBV	ND	ND	42	110	UG/M3	ND	ND	Trichloroethene	79-01-6
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.9	21	PPBV	ND	ND	22	97	UG/M3	ND	ND	1,2-Dichloropropane	78-87-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	18	84	PPBV	ND	ND	65	300	UG/M3	ND	ND	1,4-Dioxane	123-91-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	11	21	PPBV	ND	ND	74	140	UG/M3	ND	ND	Bromodichloromethane	75-27-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	6.0	21	PPBV	ND	ND	27	96	UG/M3	ND	ND	cis-1,3-Dichloropropene	10061-01-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	10	21	PPBV	ND	ND	42	86	UG/M3	ND	ND	4-Methyl-2-pentanone	108-10-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.9	21	PPBV	ND	ND	14	79	UG/M3	ND	ND	Toluene	108-88-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	7.3	21	PPBV	ND	ND	33	96	UG/M3	ND	ND	trans-1,3-Dichloropropene	10061-02-6
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.4	21	PPBV	ND	ND	30	110	UG/M3	ND	ND	1,1,2-Trichloroethane	79-00-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.0	21	PPBV	5.9	J	20	140	UG/M3	40	J	Tetrachloroethene	127-18-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.7	84	PPBV	ND	ND	19	340	UG/M3	ND	ND	2-Hexanone	591-78-6
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.6	21	PPBV	ND	ND	48	180	UG/M3	ND	ND	Dibromochloromethane	124-48-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.0	21	PPBV	ND	ND	31	160	UG/M3	ND	ND	1,2-Dibromoethane (EDB)	106-93-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.4	21	PPBV	ND	ND	16	97	UG/M3	ND	ND	Chlorobenzene	108-90-7
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.2	21	PPBV	ND	ND	22	91	UG/M3	ND	ND	Ethyl Benzene	100-41-4
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.6	21	PPBV	ND	ND	16	91	UG/M3	ND	ND	m,p-Xylene	108-38-3/106-42-3
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	4.9	21	PPBV	ND	ND	21	91	UG/M3	ND	ND	o-Xylene	95-47-6
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.7	21	PPBV	ND	ND	16	90	UG/M3	ND	ND	Styrene	100-42-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.7	21	PPBV	ND	ND	38	220	UG/M3	ND	ND	Bromoform	75-25-2
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	2.6	21	PPBV	ND	ND	13	100	UG/M3	ND	ND	Cumene	98-82-8
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	7.3	21	PPBV	ND	ND	50	140	UG/M3	ND	ND	1,1,2,2-Tetrachloroethane	79-34-5
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	2.3	21	PPBV	ND	ND	11	100	UG/M3	ND	ND	Propylbenzene	103-65-1
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	5.1	21	PPBV	ND	ND	25	100	UG/M3	ND	ND	4-Ethyltoluene	622-96-8
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	2.9	21	PPBV	ND	ND	14	100	UG/M3	ND	ND	1,3,5-Trimethylbenzene	108-67-8
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15	1607	17092301	42.1	3.9	21	PPBV	ND	ND	19	100	UG/M3	ND	ND	1,2,4-Trimethylbenzene	95-63-6
1509319A2-03A	ATL	AIR	TO-15	SV-3	09/15/15	09/23/15															

1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39	0.28	2.2	PPBV	ND	1.7	13	UG/M3	ND	1,4-Dichlorobenzene	106-46-7	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39	0.16	2.2	PPBV	ND	0.81	11	UG/M3	ND	alpha-Chlorotoluene	100-44-7	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39	0.36	2.2	PPBV	ND	2.2	13	UG/M3	ND	1,2-Dichlorobenzene	95-50-1	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39	0.91	8.8	PPBV	ND	6.7	65	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39	0.81	8.8	PPBV	ND	8.6	94	UG/M3	ND	Hexachlorobutadiene	87-68-3	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39			%R	99			%R	99	Toluene-d8	2037-26-5	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39			%R	96			%R	96	1,2-Dichloroethane-d4	17060-07-0	
1509319AR2-04A	ATL	AIR	TO-15	SV-4	09/15/15	09/23/15	1545	17092301	4.39			%R	96			%R	96	4-Bromofluorobenzene	460-00-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.21	1.1	PPBV	1.5	1.0	5.3	UG/M3	7.5	Freon 12	75-71-8	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.32	1.1	PPBV	ND	2.2	7.6	UG/M3	ND	Freon 114	76-14-2	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.84	11	PPBV	ND	1.7	22	UG/M3	ND	Chloromethane	74-87-3	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.34	1.1	PPBV	ND	0.87	2.8	UG/M3	ND	Vinyl Chloride	75-01-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.50	1.1	PPBV	ND	1.1	2.4	UG/M3	ND	1,3-Butadiene	106-99-0	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.42	11	PPBV	ND	1.6	4.2	UG/M3	ND	Bromomethane	74-83-9	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.67	4.3	PPBV	ND	1.8	11	UG/M3	ND	Chloroethane	75-00-3	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.34	1.1	PPBV	34	1.9	6.1	UG/M3	190	Freon 11	75-69-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	2.1	4.3	PPBV	ND	4.0	8.1	UG/M3	ND	Ethanol	64-17-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.24	1.1	PPBV	ND	1.8	8.3	UG/M3	ND	Freon 113	76-13-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.66	1.1	PPBV	ND	2.6	4.3	UG/M3	ND	1,1-Dichloroethene	75-35-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.61	11	PPBV	15	1.4	26	UG/M3	37	Acetone	67-64-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.71	4.3	PPBV	ND	1.7	11	UG/M3	ND	2-Propanol	67-63-0	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.30	4.3	PPBV	0.51	J	0.92	13	UG/M3	1.6	Carbon Disulfide	75-15-0
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.63	4.3	PPBV	ND	2.0	14	UG/M3	J	3-Chloropropene	107-05-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.66	11	PPBV	ND	2.3	38	UG/M3	ND	Methylene Chloride	75-09-2	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.34	1.1	PPBV	ND	1.2	3.9	UG/M3	ND	Methyl tert-butyl ether	1634-04-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.56	1.1	PPBV	ND	2.2	4.3	UG/M3	ND	trans-1,2-Dichloroethene	156-60-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.28	1.1	PPBV	ND	0.97	3.8	UG/M3	ND	Hexane	110-54-3	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.15	1.1	PPBV	ND	0.62	4.4	UG/M3	ND	1,1-Dichloroethane	75-34-3	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.60	4.3	PPBV	3.4	J	1.8	13	UG/M3	9.9	2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.30	1.1	PPBV	ND	1.2	4.3	UG/M3	ND	cis-1,2-Dichloroethene	156-59-2	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.64	1.1	PPBV	ND	1.9	3.2	UG/M3	ND	Tetrahydrofuran	109-99-9	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.25	1.1	PPBV	0.46	J	1.2	5.3	UG/M3	2.3	Chloroform	67-66-3
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.22	1.1	PPBV	ND	1.2	5.9	UG/M3	J	1,1,1-Trichloroethane	71-55-6	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.16	1.1	PPBV	ND	0.56	3.7	UG/M3	ND	Cyclohexane	110-82-7	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.27	1.1	PPBV	ND	1.7	6.8	UG/M3	ND	Carbon Tetrachloride	56-23-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.079	1.1	PPBV	ND	0.37	5.0	UG/M3	ND	2,2,4-Trimethylpentane	540-84-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.32	1.1	PPBV	ND	1.0	3.4	UG/M3	ND	Benzene	71-43-2	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.36	1.1	PPBV	ND	1.4	4.4	UG/M3	ND	1,2-Dichloroethane	107-06-2	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.23	1.1	PPBV	0.39	J	0.94	4.4	UG/M3	1.6	Heptane	142-82-5
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.40	1.1	PPBV	ND	2.2	5.8	UG/M3	J	Trichloroethene	79-01-6	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.25	1.1	PPBV	ND	1.2	5.0	UG/M3	ND	1,2-Dichloropropane	78-87-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.92	4.3	PPBV	ND	3.3	16	UG/M3	ND	1,4-Dioxane	123-91-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.56	1.1	PPBV	ND	3.8	7.2	UG/M3	ND	Bromodichloromethane	75-27-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.30	1.1	PPBV	ND	1.4	4.9	UG/M3	ND	cis-1,3-Dichloropropene	10061-01-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.52	1.1	PPBV	0.58	J	2.1	4.4	UG/M3	2.4	4-Methyl-2-pentanone	108-10-1
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.20	1.1	PPBV	0.86	J	0.75	4.1	UG/M3	3.3	Toluene	108-88-3
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.38	1.1	PPBV	ND	1.7	4.9	UG/M3	ND	trans-1,3-Dichloropropene	10061-02-6	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.28	1.1	PPBV	ND	1.5	5.9	UG/M3	ND	1,1,2-Trichloroethane	79-00-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.15	1.1	PPBV	22	1.0	7.3	UG/M3	150	Tetrachloroethene	127-18-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.24	4.3	PPBV	1.4	J	0.99	18	UG/M3	5.8	2-Hexanone	591-78-6
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.29	1.1	PPBV	ND	2.5	9.2	UG/M3	ND	Dibromochloromethane	124-48-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.21	1.1	PPBV	ND	1.6	8.3	UG/M3	ND	1,2-Dibromoethane (EDB)	106-93-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.17	1.1	PPBV	ND	0.80	5.0	UG/M3	ND	Chlorobenzene	108-90-7	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.26	1.1	PPBV	ND	1.2	4.7	UG/M3	ND	Ethyl Benzene	100-41-4	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.18	1.1	PPBV	0.20	J	0.80	4.7	UG/M3	0.87	m,p-Xylene	108-38-3/106-42-3
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.25	1.1	PPBV	ND	1.1	4.7	UG/M3	ND	o-Xylene	95-47-6	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.19	1.1	PPBV	0.19	J	0.82	4.6	UG/M3	0.82	Styrene	100-42-5
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.19	1.1	PPBV	ND	2.0	11	UG/M3	ND	Bromoform	75-25-2	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.13	1.1	PPBV	ND	0.65	5.3	UG/M3	ND	Cumene	98-82-8	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.37	1.1	PPBV	ND	2.6	7.4	UG/M3	ND	1,1,2,2-Tetrachloroethane	79-34-5	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.12	1.1	PPBV	ND	0.58	5.3	UG/M3	ND	Propylbenzene	103-65-1	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.26	1.1	PPBV	ND	1.3	5.3	UG/M3	ND	4-Ethyltoluene	622-96-8	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23/15	2244	17092301	2.16	0.15	1.1	PPBV	ND	0.73	5.3	UG/M3	ND	1,3,5-Trimethylbenzene	108-67-8	
1509319AR2-05A	ATL	AIR	TO-15	SV-5	09/15/15	09/23														

1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	0.72	5.2	PPBV	ND	3.5	26	UG/M3	ND	1,3,5-Trimethylbenzene	108-67-8	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	0.97	5.2	PPBV	ND	4.8	26	UG/M3	ND	1,2,4-Trimethylbenzene	95-63-6	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	0.97	5.2	PPBV	ND	5.8	31	UG/M3	ND	1,3-Dichlorobenzene	541-73-1	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	0.66	5.2	PPBV	ND	4.0	31	UG/M3	ND	1,4-Dichlorobenzene	106-46-7	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	0.37	5.2	PPBV	ND	1.9	27	UG/M3	ND	alpha-Chlorotoluene	100-44-7	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	0.87	5.2	PPBV	ND	5.2	31	UG/M3	ND	1,2-Dichlorobenzene	95-50-1	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	2.2	21	PPBV	ND	16	150	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4	1.9	21	PPBV	ND	20	220	UG/M3	ND	Hexachlorobutadiene	87-68-3	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4			%R	99			%R	99	Toluene-d8	2037-26-5	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4			%R	100			%R	100	1,2-Dichloroethane-d4	17060-07-0	
1509319AR2-06A	ATL	AIR	TO-15	SV-6	09/15/15	09/23/15	2306	17092301	10.4			%R	95			%R	95	4-Bromofluorobenzene	460-00-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.20	1.1	PPBV	1.5		1.0	5.2	UG/M3	7.4	Freon 12	75-71-8
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.32	1.1	PPBV	ND	2.2	7.4	UG/M3	ND	Freon 114	76-14-2	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.83	11	PPBV	ND	1.7	22	UG/M3	ND	Chloromethane	74-87-3	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.34	1.1	PPBV	ND	0.86	2.7	UG/M3	ND	Vinyl Chloride	75-01-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.50	1.1	PPBV	0.56	J	1.1	2.3	UG/M3	1.2	1,3-Butadiene	106-99-0
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.41	11	PPBV	ND	1.6	41	UG/M3	ND	Bromomethane	74-83-9	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.65	4.2	PPBV	ND	1.7	11	UG/M3	ND	Chloroethane	75-00-3	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.34	1.1	PPBV	1.9		1.9	6.0	UG/M3	10	Freon 11	75-69-4
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	2.0	4.2	PPBV	ND	3.9	8.0	UG/M3	ND	Ethanol	64-17-5	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.24	1.1	PPBV	ND	1.8	8.1	UG/M3	ND	Freon 113	76-13-1	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.65	1.1	PPBV	ND	2.6	4.2	UG/M3	ND	1,1-Dichloroethene	75-35-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.59	11	PPBV	13		1.4	25	UG/M3	30	Acetone	67-64-1
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.70	4.2	PPBV	1.0	J	1.7	10	UG/M3	2.5	2-Propanol	67-63-0
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.29	4.2	PPBV	0.61	J	0.91	13	UG/M3	1.9	Carbon Disulfide	75-15-0
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.62	4.2	PPBV	ND	1.9	13	UG/M3	ND	3-Chloropropene	107-05-1	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.65	11	PPBV	1.0	J	2.3	37	UG/M3	3.6	Methylene Chloride	75-09-2
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.34	1.1	PPBV	ND	1.2	3.8	UG/M3	ND	Methyl tert-butyl ether	1634-04-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.55	1.1	PPBV	110		2.2	4.2	UG/M3	440	trans-1,2-Dichloroethene	156-60-5
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.27	1.1	PPBV	0.93	J	0.95	3.7	UG/M3	3.3	Hexane	110-54-3
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.15	1.1	PPBV	ND	0.61	4.3	UG/M3	ND	1,1-Dichloroethane	75-34-3	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.59	4.2	PPBV	3.0	J	1.8	12	UG/M3	9.0	2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.30	1.1	PPBV	ND	1.2	4.2	UG/M3	ND	cis-1,2-Dichloroethene	156-59-2	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.63	1.1	PPBV	ND	1.8	3.1	UG/M3	ND	Tetrahydrofuran	109-99-9	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.24	1.1	PPBV	0.61	J	1.2	5.2	UG/M3	3.0	Chloroform	67-66-3
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.22	1.1	PPBV	2.1	J	1.2	5.8	UG/M3	12	1,1,1-Trichloroethane	71-55-6
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.16	1.1	PPBV	0.56	J	0.55	3.6	UG/M3	1.9	Cyclohexane	110-82-7
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.26	1.1	PPBV	ND	1.7	6.7	UG/M3	ND	Carbon Tetrachloride	56-23-5	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.078	1.1	PPBV	ND	0.36	5.0	UG/M3	ND	2,2,4-Trimethylpentane	540-84-1	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.31	1.1	PPBV	0.43	J	1.0	3.4	UG/M3	1.4	Benzene	71-43-2
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.35	1.1	PPBV	ND	1.4	4.3	UG/M3	ND	1,2-Dichloroethane	107-06-2	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.22	1.1	PPBV	5.8		0.92	4.3	UG/M3	24	Heptane	142-82-5
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.40	1.1	PPBV	16		2.1	5.7	UG/M3	84	Trichloroethene	79-01-6
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.25	1.1	PPBV	ND	1.1	4.9	UG/M3	ND	1,2-Dichloropropane	78-87-5	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.91	4.2	PPBV	ND	3.3	15	UG/M3	ND	1,4-Dioxane	123-91-1	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.55	1.1	PPBV	ND	3.7	7.1	UG/M3	ND	Bromodichloromethane	75-27-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.30	1.1	PPBV	ND	1.4	4.8	UG/M3	ND	cis-1,3-Dichloropropene	10061-01-5	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.51	1.1	PPBV	0.72	J	2.1	4.3	UG/M3	2.9	4-Methyl-2-pentanone	108-10-1
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.20	1.1	PPBV	4.4		0.73	4.0	UG/M3	17	Toluene	108-88-3
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.37	1.1	PPBV	ND	1.7	4.8	UG/M3	ND	trans-1,3-Dichloropropene	10061-02-6	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.27	1.1	PPBV	ND	1.5	5.8	UG/M3	ND	1,1,2-Trichloroethane	79-00-5	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.15	1.1	PPBV	150		1.0	7.2	UG/M3	1000	Tetrachloroethene	127-18-4
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.24	4.2	PPBV	1.5	J	0.97	17	UG/M3	6.2	2-Hexanone	591-78-6
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.28	1.1	PPBV	ND	2.4	9.0	UG/M3	ND	Dibromochloromethane	124-48-1	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.20	1.1	PPBV	ND	1.6	8.1	UG/M3	ND	1,2-Dibromoethane (EDB)	106-93-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.17	1.1	PPBV	ND	0.78	4.9	UG/M3	ND	Chlorobenzene	108-90-7	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.26	1.1	PPBV	ND	1.1	4.6	UG/M3	ND	Ethyl Benzene	100-41-4	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.18	1.1	PPBV	0.44	J	0.79	4.6	UG/M3	1.9	m,p-Xylene	108-38-3/106-42-3
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.25	1.1	PPBV	ND	1.1	4.6	UG/M3	ND	o-Xylene	95-47-6	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.19	1.1	PPBV	ND	0.80	4.5	UG/M3	ND	Styrene	100-42-5	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.19	1.1	PPBV	ND	1.9	11	UG/M3	ND	Bromoform	75-25-2	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.13	1.1	PPBV	ND	0.63	5.2	UG/M3	ND	Cumene	98-82-8	
1509319AR2-07A	ATL	AIR	TO-15	SV-11	09/15/15	09/23/15	2343	17092301	2.12	0.37	1.1	PPBV	ND							

1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.36	1.0	PPBV	ND	2.4	7.0	UG/M3	ND	1,1,2,2-Tetrachloroethane	79-34-5		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.11	1.0	PPBV	ND	0.55	5.0	UG/M3	ND	Propylbenzene	103-65-1		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.25	1.0	PPBV	ND	1.2	5.0	UG/M3	ND	4-Ethyltoluene	622-96-8		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.14	1.0	PPBV	ND	0.70	5.0	UG/M3	ND	1,3,5-Trimethylbenzene	108-67-8		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.19	1.0	PPBV	ND	0.94	5.0	UG/M3	ND	1,2,4-Trimethylbenzene	95-63-6		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.19	1.0	PPBV	ND	1.1	6.2	UG/M3	ND	1,3-Dichlorobenzene	541-73-1		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.13	1.0	PPBV	ND	0.79	6.2	UG/M3	ND	1,4-Dichlorobenzene	106-46-7		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.073	1.0	PPBV	ND	0.38	5.3	UG/M3	ND	alpha-Chlorotoluene	100-44-7		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.17	1.0	PPBV	ND	1.0	6.2	UG/M3	ND	1,2-Dichlorobenzene	95-50-1		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.42	4.1	PPBV	ND	3.1	30	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05	0.38	4.1	PPBV	ND	4.0	44	UG/M3	ND	Hexachlorobutadiene	87-68-3		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05			%R	98			%R	98	Toluene-d8	2037-26-5		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05			%R	106			%R	106	1,2-Dichloroethane-d4	17060-07-0		
1509319AR2-08A	ATL	AIR	TO-15	DUP1	09/15/15	09/24/15	0006	17092301	2.05			%R	96			%R	96	4-Bromofluorobenzene	460-00-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.21	1.1	PPBV	1.2	1.1	5.5	UG/M3	5.8	Freon 12	75-71-8		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.33	1.1	PPBV	ND	2.3	7.8	UG/M3	ND	Freon 114	76-14-2		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.87	1.1	PPBV	ND	1.8	23	UG/M3	ND	Chloromethane	74-87-3		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.35	1.1	PPBV	ND	0.90	2.8	UG/M3	ND	Vinyl Chloride	75-01-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.52	1.1	PPBV	ND	1.2	2.5	UG/M3	ND	1,3-Butadiene	106-99-0		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.43	1.1	PPBV	ND	1.7	43	UG/M3	ND	Bromomethane	74-83-9		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.69	4.5	PPBV	ND	1.8	12	UG/M3	ND	Chloroethane	75-00-3		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.35	1.1	PPBV	40	2.0	6.3	UG/M3	220	Freon 11	75-69-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	2.2	4.5	PPBV	ND	4.1	8.4	UG/M3	ND	Ethanol	64-17-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.25	1.1	PPBV	ND	1.9	8.5	UG/M3	ND	Freon 113	76-13-1		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.68	1.1	PPBV	ND	2.7	4.4	UG/M3	ND	1,1-Dichloroethene	75-35-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.62	11	PPBV	7.6	1.5	26	UG/M3	18	Acetone	67-64-1		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.73	4.5	PPBV	ND	1.8	11	UG/M3	ND	2-Propanol	67-63-0		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.31	4.5	PPBV	0.59	J	0.95	14	UG/M3	1.8	Carbon Disulfide	75-15-0	
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.65	4.5	PPBV	ND	2.0	14	UG/M3	ND	3-Chloropropene	107-05-1		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.69	11	PPBV	ND	2.4	39	UG/M3	ND	Methylene Chloride	75-09-2		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.35	1.1	PPBV	ND	1.3	4.0	UG/M3	ND	Methyl tert-butyl ether	1634-04-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.58	1.1	PPBV	0.80	J	2.3	4.4	UG/M3	3.2	trans-1,2-Dichloroethene	156-60-5	
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.28	1.1	PPBV	ND	1.0	3.9	UG/M3	ND	Hexane	110-54-3		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.16	1.1	PPBV	ND	0.64	4.5	UG/M3	ND	1,1-Dichloroethane	75-34-3		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.62	4.5	PPBV	2.3	J	1.8	13	UG/M3	6.9	2-Butanone (Methyl Ethyl Ketone)	78-93-3	
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.32	1.1	PPBV	ND	1.2	4.4	UG/M3	ND	cis-1,2-Dichloroethene	156-59-2		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.66	1.1	PPBV	ND	2.0	3.3	UG/M3	ND	Tetrahydrofuran	109-99-9		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.26	1.1	PPBV	1.8	1.2	5.4	UG/M3	8.7	Chloroform	67-66-3		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.23	1.1	PPBV	ND	1.2	6.1	UG/M3	ND	1,1,1-Trichloroethane	71-55-6		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.17	1.1	PPBV	0.21	J	0.58	3.8	UG/M3	0.72	J	Cyclohexane	110-82-7
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.28	1.1	PPBV	ND	1.8	7.0	UG/M3	ND	Carbon Tetrachloride	56-23-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.082	1.1	PPBV	ND	0.38	5.2	UG/M3	ND	2,2,4-Trimethylpentane	540-84-1		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.33	1.1	PPBV	ND	1.0	3.6	UG/M3	ND	Benzene	71-43-2		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.37	1.1	PPBV	ND	1.5	4.5	UG/M3	ND	1,2-Dichloroethane	107-06-2		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.24	1.1	PPBV	ND	0.97	4.6	UG/M3	ND	Heptane	142-82-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.42	1.1	PPBV	4.7	2.2	6.0	UG/M3	25	Trichloroethene	79-01-6		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.26	1.1	PPBV	ND	1.2	5.2	UG/M3	ND	1,2-Dichloropropane	78-87-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.95	4.5	PPBV	ND	3.4	16	UG/M3	ND	1,4-Dioxane	123-91-1		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.58	1.1	PPBV	ND	3.9	7.5	UG/M3	ND	Bromodichloromethane	75-27-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.32	1.1	PPBV	ND	1.4	5.1	UG/M3	ND	cis-1,3-Dichloropropene	10061-01-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.54	1.1	PPBV	0.55	J	2.2	4.6	UG/M3	2.2	J	4-Methyl-2-pentanone	108-10-1
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.20	1.1	PPBV	0.49	J	0.77	4.2	UG/M3	1.8	J	Toluene	108-88-3
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.39	1.1	PPBV	ND	1.8	5.1	UG/M3	ND	trans-1,3-Dichloropropene	10061-02-6		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.29	1.1	PPBV	ND	1.6	6.1	UG/M3	ND	1,1,2-Trichloroethane	79-00-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.16	1.1	PPBV	100	1.1	7.6	UG/M3	680	Tetrachloroethene	127-18-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.25	4.5	PPBV	1.0	J	1.0	18	UG/M3	4.3	J	2-Hexanone	591-78-6
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.30	1.1	PPBV	ND	2.5	9.5	UG/M3	ND	Dibromochloromethane	124-48-1		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.21	1.1	PPBV	ND	1.6	8.6	UG/M3	ND	1,2-Dibromoethane (EDB)	106-93-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.18	1.1	PPBV	ND	0.82	5.1	UG/M3	ND	Chlorobenzene	108-90-7		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.27	1.1	PPBV	ND	1.2	4.8	UG/M3	ND	Ethyl Benzene	100-41-4		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.19	1.1	PPBV	ND	0.83	4.8	UG/M3	ND	m,p-Xylene	108-38-3/106-42-3		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.26	1.1	PPBV	ND	1.1	4.8	UG/M3	ND	o-Xylene	95-47-6		
1509319AR2-09A	ATL	AIR	TO-15	SV-9	09/17/15	09/24/15	0042	17092301	2.23	0.20	1.1	PPBV	ND	0.84	4.7	UG/M3	ND	Styrene	100-42-5		
1509319AR2-09A	ATL	AIR	TO-15	SV-9																	

1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	10	56	PPBV	ND	42	240	UG/M3	ND	Styrene	100-42-5		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	9.9	56	PPBV	ND	100	580	UG/M3	ND	Bromofom	75-25-2		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	6.8	56	PPBV	ND	34	280	UG/M3	ND	Cumene	98-82-8		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	19	56	PPBV	ND	130	380	UG/M3	ND	1,1,2,2-Tetrachloroethane	79-34-5		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	6.2	56	PPBV	ND	30	280	UG/M3	ND	Propylbenzene	103-65-1		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	14	56	PPBV	ND	67	280	UG/M3	ND	4-Ethyltoluene	622-96-8		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	7.7	56	PPBV	ND	38	280	UG/M3	ND	1,3,5-Trimethylbenzene	108-67-8		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	10	56	PPBV	ND	51	280	UG/M3	ND	1,2,4-Trimethylbenzene	95-63-6		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	10	56	PPBV	ND	62	340	UG/M3	ND	1,3-Dichlorobenzene	541-73-1		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	7.2	56	PPBV	ND	43	340	UG/M3	ND	1,4-Dichlorobenzene	106-46-7		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	4.0	56	PPBV	ND	21	290	UG/M3	ND	alpha-Chlorotoluene	100-44-7		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	9.3	56	PPBV	ND	56	340	UG/M3	ND	1,2-Dichlorobenzene	95-50-1		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	23	220	PPBV	ND	170	1700	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112	21	220	PPBV	ND	220	2400	UG/M3	ND	Hexachlorobutadiene	87-68-3		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112			%R	97			%R	97	Toluene-d8	2037-26-5		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112			%R	98			%R	98	1,2-Dichloroethane-d4	17060-07-0		
1509319AR2-10A	ATL	AIR	TO-15	SV-7	09/17/15	09/24/15	0104	17092301	112			%R	110			%R	110	4-Bromofluorobenzene	460-00-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.22	1.1	PPBV	7.6	1.1	5.6	UG/M3	37	Freon 12	75-71-8		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.33	1.1	PPBV	ND	2.3	7.9	UG/M3	ND	Freon 114	76-14-2		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.88	1.1	PPBV	ND	1.8	23	UG/M3	ND	Chloromethane	74-87-3		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.36	1.1	PPBV	ND	0.91	2.9	UG/M3	ND	Vinyl Chloride	75-01-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.53	1.1	PPBV	ND	1.2	2.5	UG/M3	ND	1,3-Butadiene	106-99-0		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.44	1.1	PPBV	ND	1.7	44	UG/M3	ND	Bromomethane	74-83-9		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.69	4.5	PPBV	ND	1.8	12	UG/M3	ND	Chloroethane	75-00-3		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.36	1.1	PPBV	30	2.0	6.3	UG/M3	170	Freon 11	75-69-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	2.2	4.5	PPBV	ND	4.1	8.5	UG/M3	ND	Ethanol	64-17-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.25	1.1	PPBV	ND	1.9	8.6	UG/M3	ND	Freon 113	76-13-1		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.69	1.1	PPBV	ND	2.7	4.5	UG/M3	ND	1,1-Dichloroethene	75-35-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.63	1.1	PPBV	4.0	J	1.5	27	UG/M3	9.5	Acetone	67-64-1	
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.74	4.5	PPBV	ND	1.8	11	UG/M3	ND	2-Propanol	67-63-0		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.31	4.5	PPBV	ND	0.96	14	UG/M3	ND	Carbon Disulfide	75-15-0		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.66	4.5	PPBV	ND	2.0	14	UG/M3	ND	3-Chloropropene	107-05-1		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.69	1.1	PPBV	ND	2.4	39	UG/M3	ND	Methylene Chloride	75-09-2		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.36	1.1	PPBV	ND	1.3	4.0	UG/M3	ND	Methyl tert-butyl ether	1634-04-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.59	1.1	PPBV	13	2.3	4.5	UG/M3	52	trans-1,2-Dichloroethene	156-60-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.29	1.1	PPBV	ND	1.0	4.0	UG/M3	ND	Hexane	110-54-3		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.16	1.1	PPBV	ND	0.65	4.6	UG/M3	ND	1,1-Dichloroethane	75-34-3		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.63	4.5	PPBV	0.71	J	1.8	13	UG/M3	2.1	J	2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.32	1.1	PPBV	ND	1.3	4.5	UG/M3	ND	cis-1,2-Dichloroethene	156-59-2		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.67	1.1	PPBV	ND	2.0	3.3	UG/M3	ND	Tetrahydrofuran	109-99-9		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.26	1.1	PPBV	9.2	1.2	5.5	UG/M3	45	Chloroform	67-66-3		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.23	1.1	PPBV	1.0	J	1.3	6.1	UG/M3	5.5	J	1,1,1-Trichloroethane	71-55-6
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.17	1.1	PPBV	0.29	J	0.59	3.9	UG/M3	0.99	J	Cyclohexane	110-82-7
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.28	1.1	PPBV	ND	1.8	7.1	UG/M3	ND	Carbon Tetrachloride	56-23-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.083	1.1	PPBV	ND	0.39	5.2	UG/M3	ND	2,2,4-Trimethylpentane	540-84-1		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.33	1.1	PPBV	ND	1.1	3.6	UG/M3	ND	Benzene	71-43-2		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.37	1.1	PPBV	ND	1.5	4.6	UG/M3	ND	1,2-Dichloroethane	107-06-2		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.24	1.1	PPBV	ND	0.98	4.6	UG/M3	ND	Heptane	142-82-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.42	1.1	PPBV	4.5	2.2	6.0	UG/M3	24	Trichloroethene	79-01-6		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.26	1.1	PPBV	ND	1.2	5.2	UG/M3	ND	1,2-Dichloropropane	78-87-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.96	4.5	PPBV	ND	3.5	16	UG/M3	ND	1,4-Dioxane	123-91-1		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.59	1.1	PPBV	ND	3.9	7.5	UG/M3	ND	Bromodichloromethane	75-27-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.32	1.1	PPBV	ND	1.4	5.1	UG/M3	ND	cis-1,3-Dichloropropene	10061-01-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.54	1.1	PPBV	ND	2.2	4.6	UG/M3	ND	4-Methyl-2-pentanone	108-10-1		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.21	1.1	PPBV	0.34	J	0.78	4.2	UG/M3	1.3	J	Toluene	108-88-3
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.39	1.1	PPBV	ND	1.8	5.1	UG/M3	ND	trans-1,3-Dichloropropene	10061-02-6		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.29	1.1	PPBV	ND	1.6	6.1	UG/M3	ND	1,1,2-Trichloroethane	79-00-5		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.16	1.1	PPBV	93	1.1	7.6	UG/M3	630	Tetrachloroethene	127-18-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.25	4.5	PPBV	0.47	J	1.0	18	UG/M3	1.9	J	2-Hexanone	591-78-6
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.30	1.1	PPBV	ND	2.6	9.6	UG/M3	ND	Dibromochloromethane	124-48-1		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.21	1.1	PPBV	ND	1.6	8.6	UG/M3	ND	1,2-Dibromoethane (EDB)	106-93-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.18	1.1	PPBV	ND	0.83	5.2	UG/M3	ND	Chlorobenzene	108-90-7		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.28	1.1	PPBV	ND	1.2	4.9	UG/M3	ND	Ethyl Benzene	100-41-4		
1509319AR2-11A	ATL	AIR	TO-15	SV-8	09/17/15	09/24/15	0140	17092301	2.25	0.19	1										

1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	2.1	8.4	PPBV	ND	9.0	36	UG/M3	ND	Ethyl Benzene	100-41-4		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.4	8.4	PPBV	2.2	J	6.2	36	UG/M3	9.6	J	m,p-Xylene	108-38-3/106-42-3
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	2.0	8.4	PPBV	ND	8.6	36	UG/M3	ND	o-Xylene	95-47-6		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.5	8.4	PPBV	ND	6.4	36	UG/M3	ND	Styrene	100-42-5		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.5	8.4	PPBV	ND	15	87	UG/M3	ND	Bromoform	75-25-2		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.0	8.4	PPBV	ND	5.0	41	UG/M3	ND	Cumene	98-82-8		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	2.9	8.4	PPBV	ND	20	58	UG/M3	ND	1,1,2,2-Tetrachloroethane	79-34-5		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	0.92	8.4	PPBV	ND	4.5	41	UG/M3	ND	Propylbenzene	103-65-1		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	2.0	8.4	PPBV	ND	10	41	UG/M3	ND	4-Ethyltoluene	622-96-8		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.2	8.4	PPBV	ND	5.7	41	UG/M3	ND	1,3,5-Trimethylbenzene	108-67-8		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.6	8.4	PPBV	ND	7.7	41	UG/M3	ND	1,2,4-Trimethylbenzene	95-63-6		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.6	8.4	PPBV	ND	9.4	50	UG/M3	ND	1,3-Dichlorobenzene	541-73-1		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.1	8.4	PPBV	ND	6.4	50	UG/M3	ND	1,4-Dichlorobenzene	106-46-7		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	0.60	8.4	PPBV	ND	3.1	43	UG/M3	ND	alpha-Chlorotoluene	100-44-7		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	1.4	8.4	PPBV	ND	8.4	50	UG/M3	ND	1,2-Dichlorobenzene	95-50-1		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	3.5	34	PPBV	ND	26	250	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8	3.1	34	PPBV	ND	33	360	UG/M3	ND	Hexachlorobutadiene	87-68-3		
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8			%R	98			%R	98		Toluene-d8	2037-26-5	
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8			%R	97			%R	97		1,2-Dichloroethane-d4	17060-07-0	
1509319AR2-12A	ATL	AIR	TO-15	SV-10	09/17/15	09/24/15	0238	17092301	16.8			%R	92			%R	92		4-Bromofluorobenzene	460-00-4	
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.23	1.2	PPBV	ND	1.1	6.0	UG/M3	ND	Freon 12	75-71-8		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.36	1.2	PPBV	ND	2.5	8.4	UG/M3	ND	Freon 114	76-14-2		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.94	1.2	PPBV	ND	1.9	25	UG/M3	ND	Chloromethane	74-87-3		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.38	1.2	PPBV	ND	0.97	3.1	UG/M3	ND	Vinyl Chloride	75-01-4		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.56	1.2	PPBV	ND	1.2	2.7	UG/M3	ND	1,3-Butadiene	106-99-0		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.47	1.2	PPBV	ND	1.8	47	UG/M3	ND	Bromomethane	74-83-9		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.74	4.8	PPBV	ND	2.0	13	UG/M3	ND	Chloroethane	75-00-3		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.38	1.2	PPBV	0.54	J	2.2	6.8	UG/M3	3.0	J	Freon 11	75-69-4
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	2.3	4.8	PPBV	9.3	J	4.4	9.1	UG/M3	17	J	Ethanol	64-17-5
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.27	1.2	PPBV	ND	2.0	9.2	UG/M3	ND	Freon 113	76-13-1		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.74	1.2	PPBV	ND	2.9	4.8	UG/M3	ND	1,1-Dichloroethene	75-35-4		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.68	1.2	PPBV	2.2	J	1.6	29	UG/M3	5.2	J	Acetone	67-64-1
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.79	4.8	PPBV	0.82	J	2.0	12	UG/M3	2.0	J	2-Propanol	67-63-0
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.33	4.8	PPBV	ND	1.0	15	UG/M3	ND	Carbon Disulfide	75-15-0		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.70	4.8	PPBV	ND	2.2	15	UG/M3	ND	3-Chloropropene	107-05-1		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.74	1.2	PPBV	ND	2.6	42	UG/M3	ND	Methylene Chloride	75-09-2		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.38	1.2	PPBV	ND	1.4	4.3	UG/M3	ND	Methyl tert-butyl ether	1634-04-4		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.63	1.2	PPBV	ND	2.5	4.8	UG/M3	ND	trans-1,2-Dichloroethene	156-60-5		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.31	1.2	PPBV	ND	1.1	4.2	UG/M3	ND	Hexane	110-54-3		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.17	1.2	PPBV	ND	0.69	4.9	UG/M3	ND	1,1-Dichloroethane	75-34-3		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.67	4.8	PPBV	ND	2.0	14	UG/M3	ND	2-Butanone (Methyl Ethyl Ketone)	78-93-3		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.34	1.2	PPBV	ND	1.4	4.8	UG/M3	ND	cis-1,2-Dichloroethene	156-59-2		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.71	1.2	PPBV	ND	2.1	3.6	UG/M3	ND	Tetrahydrofuran	109-99-9		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.28	1.2	PPBV	ND	1.3	5.9	UG/M3	ND	Chloroform	67-66-3		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.25	1.2	PPBV	ND	1.4	6.6	UG/M3	ND	1,1,1-Trichloroethane	71-55-6		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.18	1.2	PPBV	ND	0.63	4.1	UG/M3	ND	Cyclohexane	110-82-7		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.30	1.2	PPBV	ND	1.9	7.6	UG/M3	ND	Carbon Tetrachloride	56-23-5		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.088	1.2	PPBV	ND	0.41	5.6	UG/M3	ND	2,2,4-Trimethylpentane	540-84-1		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.36	1.2	PPBV	ND	1.1	3.8	UG/M3	ND	Benzene	71-43-2		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.40	1.2	PPBV	ND	1.6	4.9	UG/M3	ND	1,2-Dichloroethane	107-06-2		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.26	1.2	PPBV	ND	1.0	4.9	UG/M3	ND	Heptane	142-82-5		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.45	1.2	PPBV	ND	2.4	6.5	UG/M3	ND	Trichloroethene	79-01-6		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.28	1.2	PPBV	ND	1.3	5.6	UG/M3	ND	1,2-Dichloropropane	78-87-5		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	1.0	4.8	PPBV	ND	3.7	17	UG/M3	ND	1,4-Dioxane	123-91-1		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.63	1.2	PPBV	ND	4.2	8.1	UG/M3	ND	Bromodichloromethane	75-27-4		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.34	1.2	PPBV	ND	1.5	5.5	UG/M3	ND	cis-1,3-Dichloropropene	10061-01-5		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.58	1.2	PPBV	ND	2.4	4.9	UG/M3	ND	4-Methyl-2-pentanone	108-10-1		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.22	1.2	PPBV	0.33	J	0.84	4.5	UG/M3	1.2	J	Toluene	108-88-3
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.42	1.2	PPBV	ND	1.9	5.5	UG/M3	ND	trans-1,3-Dichloropropene	10061-02-6		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.31	1.2	PPBV	ND	1.7	6.6	UG/M3	ND	1,1,2-Trichloroethane	79-00-5		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.17	1.2	PPBV	0.80	J	1.2	8.2	UG/M3	5.4	J	Tetrachloroethene	127-18-4
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.27	4.8	PPBV	ND	1.1	20	UG/M3	ND	2-Hexanone	591-78-6		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15	0203	17092301	2.41	0.32	1.2	PPBV	ND	2.8	10	UG/M3	ND	Dibromochloromethane	124-48-1		
1509319AR2-13A	ATL	AIR	TO-15	Fid-Blank	09/17/15	09/24/15															

1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.13	0.50	PPBV	ND	1.1	4.2	UG/M3	ND	Dibromochloromethane	124-48-1		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.095	0.50	PPBV	ND	0.73	3.8	UG/M3	ND	1,2-Dibromoethane (EDB)	106-93-4		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.080	0.50	PPBV	ND	0.37	2.3	UG/M3	ND	Chlorobenzene	108-90-7		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.12	0.50	PPBV	ND	0.53	2.2	UG/M3	ND	Ethyl Benzene	100-41-4		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.085	0.50	PPBV	ND	0.37	2.2	UG/M3	ND	m,p-Xylene	108-38-3/106-42-3		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.12	0.50	PPBV	ND	0.51	2.2	UG/M3	ND	o-Xylene	95-47-6		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.089	0.50	PPBV	ND	0.38	2.1	UG/M3	ND	Styrene	100-42-5		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.088	0.50	PPBV	ND	0.91	5.2	UG/M3	ND	Bromofom	75-25-2		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.061	0.50	PPBV	ND	0.30	2.4	UG/M3	ND	Cumene	98-82-8		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.17	0.50	PPBV	ND	1.2	3.4	UG/M3	ND	1,1,2,2-Tetrachloroethane	79-34-5		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.055	0.50	PPBV	ND	0.27	2.4	UG/M3	ND	Propylbenzene	103-65-1		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.12	0.50	PPBV	ND	0.60	2.4	UG/M3	ND	4-Ethyltoluene	622-96-8		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.069	0.50	PPBV	ND	0.34	2.4	UG/M3	ND	1,3,5-Trimethylbenzene	108-67-8		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.093	0.50	PPBV	ND	0.46	2.4	UG/M3	ND	1,2,4-Trimethylbenzene	95-63-6		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.093	0.50	PPBV	ND	0.56	3.0	UG/M3	ND	1,3-Dichlorobenzene	541-73-1		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.064	0.50	PPBV	0.068	J	0.38	3.0	UG/M3	0.41	J	1,4-Dichlorobenzene	106-46-7
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.036	0.50	PPBV	ND	0.18	2.6	UG/M3	ND	alpha-Chlorotoluene	100-44-7		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.083	0.50	PPBV	ND	0.50	3.0	UG/M3	ND	1,2-Dichlorobenzene	95-50-1		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.21	2.0	PPBV	ND	1.5	15	UG/M3	ND	1,2,4-Trichlorobenzene	120-82-1		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00	0.18	2.0	PPBV	ND	2.0	21	UG/M3	ND	Hexachlorobutadiene	87-68-3		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00			%R	98			%R	98	Toluene-d8	2037-26-5		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00			%R	104			%R	104	1,2-Dichloroethane-d4	17060-07-0		
1509319AR2-14A	ATL	AIR	TO-15	Lab Blank	09/23/15	1203	17092301	1.00			%R	95			%R	95	4-Bromofluorobenzene	460-00-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.75	5.0	PPBV	ND	3.7	25	UG/M3	ND	Freon 12	75-71-8		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.3	5.0	PPBV	ND	8.9	35	UG/M3	ND	Freon 114	76-14-2		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	2.3	20	PPBV	ND	4.7	41	UG/M3	ND	Chloromethane	74-87-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.6	5.0	PPBV	ND	4.1	13	UG/M3	ND	Vinyl Chloride	75-01-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.1	5.0	PPBV	ND	2.5	11	UG/M3	ND	1,3-Butadiene	106-99-0		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	2.2	5.0	PPBV	4.7	J	8.6	19	UG/M3	18	J	Bromomethane	74-83-9
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	4.2	20	PPBV	ND	11	53	UG/M3	ND	Chloroethane	75-00-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.45	5.0	PPBV	ND	2.6	28	UG/M3	ND	Freon 11	75-69-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	5.1	20	PPBV	ND	9.6	38	UG/M3	ND	Ethanol	64-17-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.6	5.0	PPBV	ND	12	38	UG/M3	ND	Freon 113	76-13-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	4.3	5.0	PPBV	ND	17	20	UG/M3	ND	1,1-Dichloroethene	75-35-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	5.8	20	PPBV	ND	14	48	UG/M3	ND	Acetone	67-64-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	2.4	20	PPBV	ND	6.0	49	UG/M3	ND	2-Propanol	67-63-0		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.1	5.0	PPBV	ND	3.3	16	UG/M3	ND	Carbon Disulfide	75-15-0		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	2.9	20	PPBV	ND	9.1	63	UG/M3	ND	3-Chloropropene	107-05-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.3	5.0	PPBV	ND	4.6	17	UG/M3	ND	Methylene Chloride	75-09-2		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.47	5.0	PPBV	UJ	1.7	18	UG/M3	UJ	Methyl tert-butyl ether	1634-04-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.0	5.0	PPBV	ND	4.1	20	UG/M3	ND	trans-1,2-Dichloroethene	156-60-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.87	5.0	PPBV	ND	3.1	18	UG/M3	ND	Hexane	110-54-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.60	5.0	PPBV	ND	2.4	20	UG/M3	ND	1,1-Dichloroethane	75-34-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	4.3	20	PPBV	ND	13	59	UG/M3	ND	2-Butanone (Methyl Ethyl Ketone)	78-93-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.1	5.0	PPBV	ND	4.5	20	UG/M3	ND	cis-1,2-Dichloroethene	156-59-2		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.99	5.0	PPBV	ND	2.9	15	UG/M3	ND	Tetrahydrofuran	109-99-9		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.84	5.0	PPBV	ND	4.1	24	UG/M3	ND	Chloroform	67-66-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.0	5.0	PPBV	ND	5.6	27	UG/M3	ND	1,1,1-Trichloroethane	71-55-6		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.85	5.0	PPBV	ND	2.9	17	UG/M3	ND	Cyclohexane	110-82-7		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.84	5.0	PPBV	ND	5.3	31	UG/M3	ND	Carbon Tetrachloride	56-23-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.76	5.0	PPBV	ND	3.6	23	UG/M3	ND	2,2,4-Trimethylpentane	540-84-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.95	5.0	PPBV	ND	3.0	16	UG/M3	ND	Benzene	71-43-2		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.88	5.0	PPBV	ND	3.6	20	UG/M3	ND	1,2-Dichloroethane	107-06-2		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.6	5.0	PPBV	ND	6.4	20	UG/M3	ND	Heptane	142-82-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.0	5.0	PPBV	ND	5.6	27	UG/M3	ND	Trichloroethene	79-01-6		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.46	5.0	PPBV	ND	2.1	23	UG/M3	ND	1,2-Dichloropropane	78-87-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	3.0	20	PPBV	ND	11	72	UG/M3	ND	1,4-Dioxane	123-91-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.2	5.0	PPBV	ND	7.9	34	UG/M3	ND	Bromodichloromethane	75-27-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.0	5.0	PPBV	ND	4.8	23	UG/M3	ND	cis-1,3-Dichloropropene	10061-01-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	3.1	5.0	PPBV	ND	13	20	UG/M3	ND	4-Methyl-2-pentanone	108-10-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.61	5.0	PPBV	ND	2.3	19	UG/M3	ND	Toluene	108-88-3		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.81	5.0	PPBV	ND	3.7	23	UG/M3	ND	trans-1,3-Dichloropropene	10061-02-6		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.0	5.0	PPBV	ND	5.5	27	UG/M3	ND	1,1,2-Trichloroethane	79-00-5		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.3	5.0	PPBV	ND	8.6	34	UG/M3	ND	Tetrachloroethene	127-18-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	3.1	20	PPBV	ND	13	82	UG/M3	ND	2-Hexanone	591-78-6		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.81	5.0	PPBV	ND	6.9	42	UG/M3	ND	Dibromochloromethane	124-48-1		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	0.58	5.0	PPBV	ND	4.5	38	UG/M3	ND	1,2-Dibromoethane (EDB)	106-93-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.1	5.0	PPBV	ND	5.0	23	UG/M3	ND	Chlorobenzene	108-90-7		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank	09/25/15	1847	14092505	1.00	1.0	5.0	PPBV	ND	4.6	22	UG/M3	ND	Ethyl Benzene	100-41-4		
1509319AR2-14B	ATL	AIR	TO-15	Lab Blank																

1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	98	%R	98	1,1,2-Trichloroethane	79-00-5
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	95	%R	95	Tetrachloroethene	127-18-4
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	107	%R	107	2-Hexanone	591-78-6
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	96	%R	96	Dibromochloromethane	124-48-1
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	98	%R	98	1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	96	%R	96	Chlorobenzene	108-90-7
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	100	%R	100	Ethyl Benzene	100-41-4
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	100	%R	100	m,p-Xylene	108-38-3/106-42-3
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	99	%R	99	o-Xylene	95-47-6
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	102	%R	102	Styrene	100-42-5
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	99	%R	99	Bromoform	75-25-2
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	98	%R	98	Cumene	98-82-8
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	97	%R	97	1,1,2,2-Tetrachloroethane	79-34-5
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	99	%R	99	Propylbenzene	103-65-1
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	101	%R	101	4-Ethyltoluene	622-96-8
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	100	%R	100	1,3,5-Trimethylbenzene	108-67-8
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	100	%R	100	1,2,4-Trimethylbenzene	95-63-6
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	98	%R	98	1,3-Dichlorobenzene	541-73-1
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	101	%R	101	1,4-Dichlorobenzene	106-46-7
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	102	%R	102	alpha-Chlorotoluene	100-44-7
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	99	%R	99	1,2-Dichlorobenzene	95-50-1
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	97	%R	97	1,2,4-Trichlorobenzene	120-82-1
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	94	%R	94	Hexachlorobutadiene	87-68-3
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	100	%R	100	Toluene-d8	2037-26-5
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	105	%R	105	1,2-Dichloroethane-d4	17060-07-0
1509319AR2-15A	ATL	AIR	TO-15	CCV	09/23/15	1128	17092301	1.00	%R	96	%R	96	4-Bromofluorobenzene	460-00-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	Freon 12	75-71-8
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	90	%R	90	Freon 114	76-14-2
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	Chloromethane	74-87-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	102	%R	102	Vinyl Chloride	75-01-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	101	%R	101	1,3-Butadiene	106-99-0
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	86	%R	86	Bromomethane	74-83-9
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	95	%R	95	Chloroethane	75-00-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	Freon 11	75-69-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	128	%R	128	Ethanol	64-17-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	90	%R	90	Freon 113	76-13-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	105	%R	105	1,1-Dichloroethene	75-35-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	Acetone	67-64-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	2-Propanol	67-63-0
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	Carbon Disulfide	75-15-0
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	86	%R	86	3-Chloropropene	107-05-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	Methylene Chloride	75-09-2
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	66	%R	66	Methyl tert-butyl ether	1634-04-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	trans-1,2-Dichloroethene	156-60-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	94	%R	94	Hexane	110-54-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	100	%R	100	1,1-Dichloroethane	75-34-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	100	%R	100	2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	cis-1,2-Dichloroethene	156-59-2
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	89	%R	89	Tetrahydrofuran	109-99-9
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	101	%R	101	Chloroform	67-66-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	94	%R	94	1,1,1-Trichloroethane	71-55-6
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	94	%R	94	Cyclohexane	110-82-7
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	90	%R	90	Carbon Tetrachloride	56-23-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	97	%R	97	2,2,4-Trimethylpentane	540-84-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	95	%R	95	Benzene	71-43-2
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	104	%R	104	1,2-Dichloroethane	107-06-2
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	94	%R	94	Heptane	142-82-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	100	%R	100	Trichloroethene	79-01-6
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	100	%R	100	1,2-Dichloropropane	78-87-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	100	%R	100	1,4-Dioxane	123-91-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	Bromodichloromethane	75-27-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	97	%R	97	cis-1,3-Dichloropropene	10061-01-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	89	%R	89	4-Methyl-2-pentanone	108-10-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	Toluene	108-88-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	89	%R	89	trans-1,3-Dichloropropene	10061-02-6
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	100	%R	100	1,1,2-Trichloroethane	79-00-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	94	%R	94	Tetrachloroethene	127-18-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	101	%R	101	2-Hexanone	591-78-6
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	93	%R	93	Dibromochloromethane	124-48-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	98	%R	98	1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	96	%R	96	Chlorobenzene	108-90-7
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	92	%R	92	Ethyl Benzene	100-41-4
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	95	%R	95	m,p-Xylene	108-38-3/106-42-3
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	93	%R	93	o-Xylene	95-47-6
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	97	%R	97	Styrene	100-42-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	92	%R	92	Bromoform	75-25-2
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	97	%R	97	Cumene	98-82-8
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	104	%R	104	1,1,2,2-Tetrachloroethane	79-34-5
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	Propylbenzene	103-65-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	98	%R	98	4-Ethyltoluene	622-96-8
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	102	%R	102	1,3,5-Trimethylbenzene	108-67-8
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	1,2,4-Trimethylbenzene	95-63-6
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	97	%R	97	1,3-Dichlorobenzene	541-73-1
1509319AR2-15B	ATL	AIR	TO-15	CCV	09/25/15	1736	14092505	1.00	%R	99	%R	99	1,4-Dichlorobenzene	106-46-7

1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	95	%R	95	4-Methyl-2-pentanone	108-10-1
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	82	%R	82	Toluene	108-88-3
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	82	%R	82	trans-1,3-Dichloropropene	10061-02-6
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	84	%R	84	1,1,2-Trichloroethane	79-00-5
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	80	%R	80	Tetrachloroethene	127-18-4
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	100	%R	100	2-Hexanone	591-78-6
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	83	%R	83	Dibromochloromethane	124-48-1
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	85	%R	85	1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	82	%R	82	Chlorobenzene	108-90-7
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	84	%R	84	Ethyl Benzene	100-41-4
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	85	%R	85	m,p-Xylene	108-38-3/106-42-3
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	88	%R	88	o-Xylene	95-47-6
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	83	%R	83	Styrene	100-42-5
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	85	%R	85	Bromoform	75-25-2
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	84	%R	84	Cumene	98-82-8
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	77	%R	77	1,1,2,2-Tetrachloroethane	79-34-5
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	87	%R	87	Propylbenzene	103-65-1
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	116	%R	116	4-Ethyltoluene	622-96-8
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	88	%R	88	1,3,5-Trimethylbenzene	108-67-8
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	86	%R	86	1,2,4-Trimethylbenzene	95-63-6
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	86	%R	86	1,3-Dichlorobenzene	541-73-1
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	87	%R	87	1,4-Dichlorobenzene	106-46-7
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	94	%R	94	alpha-Chlorotoluene	100-44-7
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	87	%R	87	1,2-Dichlorobenzene	95-50-1
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	97	%R	97	1,2,4-Trichlorobenzene	120-82-1
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	91	%R	91	Hexachlorobutadiene	87-68-3
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	100	%R	100	Toluene-d8	2037-26-5
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	103	%R	103	1,2-Dichloroethane-d4	17060-07-0
1509319AR2-16A	ATL	AIR	TO-15	LCS	09/23/15	1024	17092301	1.00	%R	97	%R	97	4-Bromofluorobenzene	460-00-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	94	%R	94	Freon 12	75-71-8
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	96	%R	96	Freon 114	76-14-2
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Chloromethane	74-87-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	90	%R	90	Vinyl Chloride	75-01-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	86	%R	86	1,3-Butadiene	106-99-0
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	96	%R	96	Bromomethane	74-83-9
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	92	%R	92	Chloroethane	75-00-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	93	%R	93	Freon 11	75-69-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	96	%R	96	Ethanol	64-17-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Freon 113	76-13-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	1,1-Dichloroethene	75-35-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	92	%R	92	Acetone	67-64-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	98	%R	98	2-Propanol	67-63-0
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	79	%R	79	Carbon Disulfide	75-15-0
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	82	%R	82	3-Chloropropene	107-05-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Methylene Chloride	75-09-2
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	Methyl tert-butyl ether	1634-04-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	80	%R	80	trans-1,2-Dichloroethene	156-60-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	86	%R	86	Hexane	110-54-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	91	%R	91	1,1-Dichloroethane	75-34-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	97	%R	97	cis-1,2-Dichloroethene	156-59-2
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	83	%R	83	Tetrahydrofuran	109-99-9
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Chloroform	67-66-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	1,1,1-Trichloroethane	71-55-6
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	89	%R	89	5,8 Cyclohexane	110-82-7
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Carbon Tetrachloride	56-23-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	89	%R	89	2,2,4-Trimethylpentane	540-84-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	85	%R	85	Benzene	71-43-2
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	85	%R	85	1,2-Dichloroethane	107-06-2
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	85	%R	85	Heptane	142-82-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	94	%R	94	Trichloroethene	79-01-6
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	1,2-Dichloropropane	78-87-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	90	%R	90	1,4-Dioxane	123-91-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Bromodichloromethane	75-27-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	80	%R	80	cis-1,3-Dichloropropene	10061-01-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	98	%R	98	4-Methyl-2-pentanone	108-10-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	84	%R	84	Toluene	108-88-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	trans-1,3-Dichloropropene	10061-02-6
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	1,1,2-Trichloroethane	79-00-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	84	%R	84	Tetrachloroethene	127-18-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	102	%R	102	2-Hexanone	591-78-6
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	86	%R	86	Dibromochloromethane	124-48-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	86	%R	86	Chlorobenzene	108-90-7
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	Ethyl Benzene	100-41-4
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	88	%R	88	m,p-Xylene	108-38-3/106-42-3
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	91	%R	91	o-Xylene	95-47-6
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	Styrene	100-42-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	89	%R	89	Bromoform	75-25-2
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	87	%R	87	Cumene	98-82-8
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	81	%R	81	1,1,2,2-Tetrachloroethane	79-34-5
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	90	%R	90	Propylbenzene	103-65-1
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	90	%R	90	4-Ethyltoluene	622-96-8
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	89	%R	89	1,3,5-Trimethylbenzene	108-67-8
1509319AR2-16AA	ATL	AIR	TO-15	LCSD	09/23/15	1048	17092301	1.00	%R	90	%R	90	1,2,4-Trimethylbenzene	95-63-6
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1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	101	%R	101	1,4-Dioxane	123-91-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	101	%R	101	Bromodichloromethane	75-27-4
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	94	%R	94	cis-1,3-Dichloropropene	10061-01-5
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	93	%R	93	4-Methyl-2-pentanone	108-10-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	98	%R	98	Toluene	108-88-3
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	98	%R	98	trans-1,3-Dichloropropene	10061-02-6
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	100	%R	100	1,1,2-Trichloroethane	79-00-5
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	95	%R	95	Tetrachloroethene	127-18-4
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	108	%R	108	2-Hexanone	591-78-6
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	98	%R	98	Dibromochloromethane	124-48-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	99	%R	99	1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	98	%R	98	Chlorobenzene	108-90-7
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	95	%R	95	Ethyl Benzene	100-41-4
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	99	%R	99	m,p-Xylene	108-38-3/106-42-3
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	101	%R	101	o-Xylene	95-47-6
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	101	%R	101	Styrene	100-42-5
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	98	%R	98	Bromoform	75-25-2
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	100	%R	100	Cumene	98-82-8
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	112	%R	112	1,1,2,2-Tetrachloroethane	79-34-5
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	105	%R	105	Propylbenzene	103-65-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	101	%R	101	4-Ethyltoluene	622-96-8
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	105	%R	105	1,3,5-Trimethylbenzene	108-67-8
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	103	%R	103	1,2,4-Trimethylbenzene	95-63-6
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	102	%R	102	1,3-Dichlorobenzene	541-73-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	103	%R	103	1,4-Dichlorobenzene	106-46-7
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	111	%R	111	alpha-Chlorotoluene	100-44-7
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	106	%R	106	1,2-Dichlorobenzene	95-50-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	116	%R	116	1,2,4-Trichlorobenzene	120-82-1
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	121	%R	121	Hexachlorobutadiene	87-68-3
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	105	%R	105	1,2-Dichloroethane-d4	17060-07-0
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	103	%R	103	Toluene-d8	2037-26-5
1509319AR2-16B	ATL	AIR	TO-15	LCS	09/25/15	1758	14092505	1.00	%R	98	%R	98	4-Bromofluorobenzene	460-00-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	105	%R	105	0.96 Freon 12	75-71-8
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	97	%R	97	2.0 Freon 114	76-14-2
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	109	%R	109	0.92 Chloromethane	74-87-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	110	%R	110	0 Vinyl Chloride	75-01-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	102	%R	102	1.9 1,3-Butadiene	106-99-0
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	93	%R	93	1.1 Bromomethane	74-83-9
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	99	%R	99	0 Chloroethane	75-00-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	103	%R	103	0.97 Freon 11	75-69-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	94	%R	94	1.0 Ethanol	64-17-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	92	%R	92	4.2 Freon 113	76-13-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	104	%R	104	0 1,1-Dichloroethene	75-35-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	4.9 Acetone	67-64-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	102	%R	102	0.98 2-Propanol	67-63-0
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	88	%R	88	0 Carbon Disulfide	75-15-0
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	88	%R	88	3.4 3-Chloropropene	107-05-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	101	%R	101	2.9 Methylene Chloride	75-09-2
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	72	%R	72	4.2 Methyl tert-butyl ether	1634-04-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	84	%R	84	3.5 trans-1,2-Dichloroethene	156-60-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	97	%R	97	1.0 Hexane	110-54-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	101	%R	101	0 1,1-Dichloroethane	75-34-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	97	%R	97	7.9 2-Butanone (Methyl Ethyl Ketone)	78-93-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	110	%R	110	2.7 cis-1,2-Dichloroethene	156-59-2
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	86	%R	86	4.5 Tetrahydrofuran	109-99-9
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	99	%R	99	2.0 Chloroform	67-66-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	95	%R	95	5.1 1,1,1-Trichloroethane	71-55-6
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	96	%R	96	1.0 Cyclohexane	110-82-7
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	95	%R	95	2.1 Carbon Tetrachloride	56-23-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	101	%R	101	0.98 2,2,4-Trimethylpentane	540-84-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	97	%R	97	0 Benzene	71-43-2
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	105	%R	105	0.96 1,2-Dichloroethane	107-06-2
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	96	%R	96	1.0 Heptane	142-82-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	94	%R	94	4.2 Trichloroethene	79-01-6
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	1.0 1,2-Dichloropropane	78-87-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	1.0 1,4-Dioxane	123-91-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	1.0 Bromodichloromethane	75-27-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	94	%R	94	0 cis-1,3-Dichloropropene	10061-01-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	95	%R	95	2.1 4-Methyl-2-pentanone	108-10-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	98	%R	98	0 Toluene	108-88-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	102	%R	102	4.0 trans-1,3-Dichloropropene	10061-02-6
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	0 1,1,2-Trichloroethane	79-00-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	96	%R	96	1.0 Tetrachloroethene	127-18-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	105	%R	105	2.8 2-Hexanone	591-78-6
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	97	%R	97	1.0 Dibromochloromethane	124-48-1
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	101	%R	101	2.0 1,2-Dibromoethane (EDB)	106-93-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	99	%R	99	1.0 Chlorobenzene	108-90-7
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	94	%R	94	1.0 Ethyl Benzene	100-41-4
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	98	%R	98	1.0 m,p-Xylene	108-38-3/106-42-3
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	1.0 o-Xylene	95-47-6
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	102	%R	102	0.98 Styrene	100-42-5
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	97	%R	97	1.0 Bromoform	75-25-2
1509319AR2-16BB	ATL	AIR	TO-15	LCSD	09/25/15	1817	14092505	1.00	%R	100	%R	100	0 Cumene	98-82-