Leader
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900.003

September 11, 2018

Frank Sowers, P.E.
Professional Engineer 1
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Re: Vacuum Oil Refinery, Site #C828193
Summary Report of June 2018 Indoor Air Sampling
Flint Redevelopment LLC
22 Flint Street and 936 Exchange Street
City of Rochester, Monroe County

Dear Mr. Sowers:

This letter was prepared to provide the New York State Department of Environmental Conservation ("NYSDEC") with the results of the indoor air sampling conducted in June 2018 at the above-referenced Vacuum Oil Refinery ("Site"). The indoor air sampling was conducted prior to the startup of the sub-slab depressurization system ("SSDS"). The installation of the SSDS is the first phase of the Interim Remedial Measure ("IRM") for the Site.

On June 5, 2018, Leader collected thirty-two indoor (32) air samples and one (1) outdoor sample to provide a baseline of the indoor air quality conditions prior to the startup of the SSDS in the 936 Exchange Street building. The air samples were collected in six (6) liter stainless steel Summa canisters over a period of eight (8) hours. After collection, the samples were air-shipped to Pace National Laboratory (formerly Environmental Sciences Corporation) in Mt. Juliet, Tennessee and analyzed for the United States Environmental Protection Agency ("USEPA") Target Compound List of volatile organic compounds ("VOC") using USEPA Method TO-15.

The sample analysis results are summarized in Table 1 and the laboratory analysis report is provided in Appendix 1 (attached). Table 2 (attached) provides a summary of the sample analysis results focusing on the compounds to which the New York State Department of Health ("NYSDOH") has assigned action levels. Note that only the compounds that were detected above the laboratory's reporting limit are listed on Table 2. Figure 1 (attached) provides the locations where the samples were collected. Table 3 (attached) provides a listing of the current tenants and uses of the areas of the building and sampling locations. Appendix 2 (attached) provides a copy of the NYSDOH questionnaire completed as a part of the sampling. Figure 2 (attached) shows the locations of the samples that exceeded NYSDOH action levels.

Figure 2 (attached) shows that there were six locations where the NYSDOH indoor air action levels were exceeded. Also, Figure 2 shows the locations where the NYSDOH action levels were exceeded as a result of Leader's 2016 Phase II Site Investigation ("Phase II"). Trichloroethylene ("TCE") was the most common chlorinated compound found at elevated concentrations. Cis 1,2-Dichloroethene ("Cis 1,2-DCE"), Methylene Chloride, and Perchloroethylene ("PCE") were found. The highest concentrations of chlorinated compounds were found in Sample 8881 including: TCE at a concentration of 29.7 $\mu g/M^3$ (the TCE IAAL is 1.0 $\mu g/M^{3)}$; Methylene Chloride was detected at a concentration of 20.8 $\mu g/M^3$, (Methylene Chloride has a IAAL level of 10.0 $\mu g/M^{3)}$; (PCE has a IAAL of 10.5 $\mu g/M^3$, and has a IAAL of 10.0 $\mu g/M^3$. Also, PCE was found in sample 9290 at a location approximately 25 feet southwest of Sample 8881 at a concentration of 11.7 $\mu g/M^3$.

The area of the building where sample location 8881was obtained is currently used as a motorcycle repair shop and the various cleaning and painting products used by the tenant may be contributing TCE, Cis 1,2-DCE and Methylene Chloride vapors. Also, TCE and Methylene Chloride used by this tenant could be responsible for the compounds found in the adjacent space (the area in which Sample location 6619 was obtained). The commercial solvent products found in the areas around the other sample locations where the action levels were exceeded is a possibility, since a large number of different materials are being used for renovations in the building. Table 3 provides measurements using a portable organic vapor analyzer with a photoionization detector ("PID") at each location where observations were made. A product inventory is provided as Appendix 2 with the NYSDOH questionnaire

The results of the analysis of the indoor air samples collected from within the building located at 22 Flint Street are very similar to those found in the building at 936 Exchange Street. There were two samples taken in the 936 Exchange Street building where NYSDOH's action levels were exceeded, including: Cis 1,2-DCE detected at a concentration of 1.7 $\mu g/M^3$ and TCE detected at a concentration of 1.54 $\mu g/M^3$. Both compounds have NYSDOH action levels of 1.0 $\mu g/M^3$. Sample 6612 showed Cis 1,2-DCE at a concentration of 1.51 $\mu g/M^3$ and TCE at concentration of 4.35 $\mu g/M^3$. In the area where Sample 6617 was obtained, the tenant, Rainbow International, stores cleaning and restoration products as well as household goods being cleaned and refurbished. Sample 6612 was obtained in a storage area where Rainbow International stores propane and gasoline powered equipment and vehicles, paint and other products. In each of these areas, as shown on Table 3, the PID levels reached a maximum of 220 parts per million ("ppm") in sample 6612 and 2,455 ppm in sample 6617.

One indoor air sample was collected during Leader's 2016 Phase II in the southernmost part of the 22 Flint Street building. Methylene Chloride was found at 59.1 $\mu g/M^3$. Figure 3 provides the 2016 Phase II sub-slab sample results. The source is coincident with the finding of concentrations exceeding the NYSDOH sub-slab action levels of PCE, TCE and Cis 1,2-DCE detected in the soil on the northside of the Site and beneath the 936 Exchange Street and 22 Flint Street buildings.

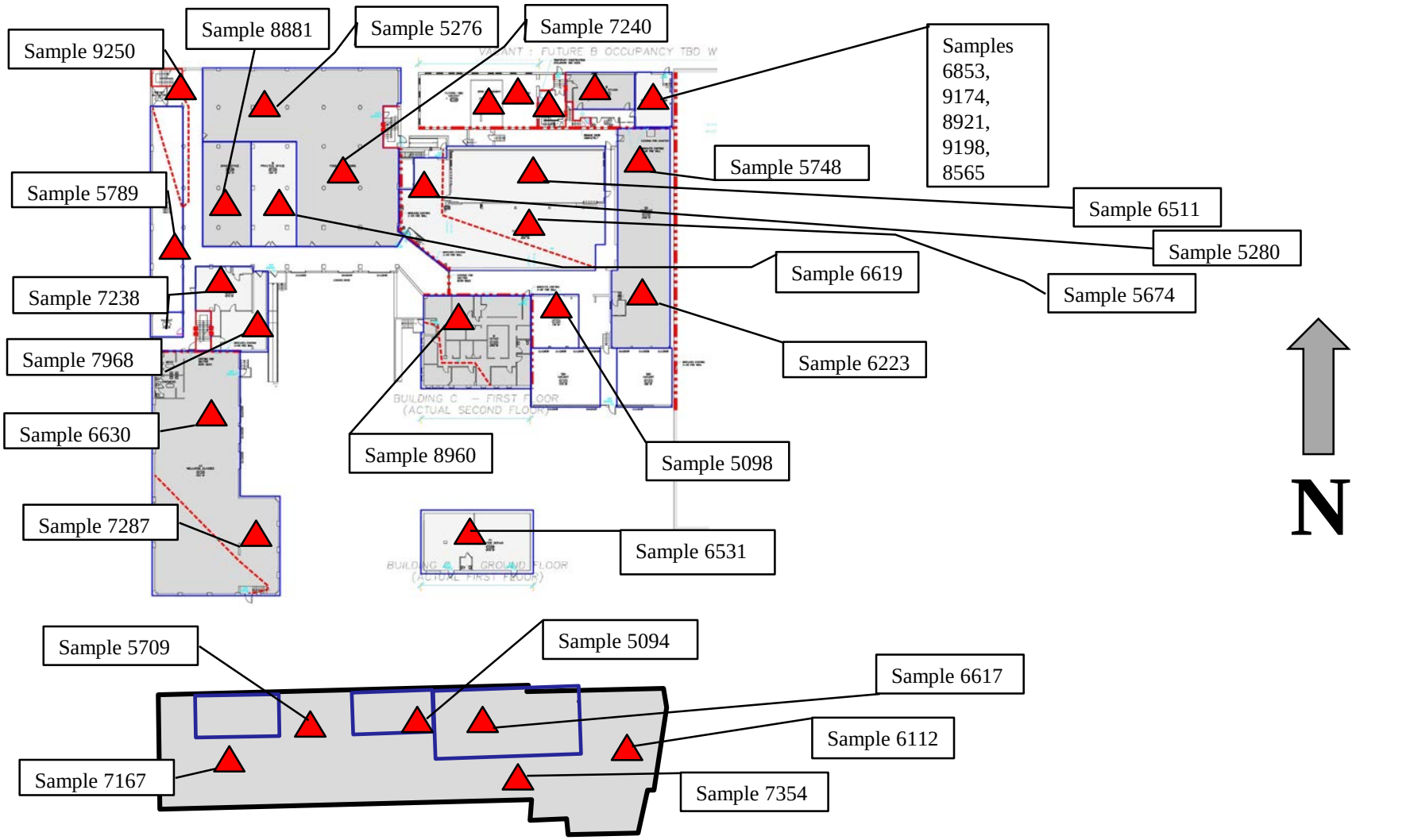
If you have any questions or require further information, please contact me at 585-248-2413 or by email: pvonschondorf @leaderlink.com and mrumrill@leaderlink.com.

Very truly yours,

Peter von Schondorf
Senior Project Manager

Michael P. Rumrill
President

Attachments



Title	Summary of Indoor Air Sample Locations Vacuum Oil Refinery Site Rochester , New York
Prepared For	Flint Redevelopment LLC Rochester, New York

Leader Professional Services, Inc
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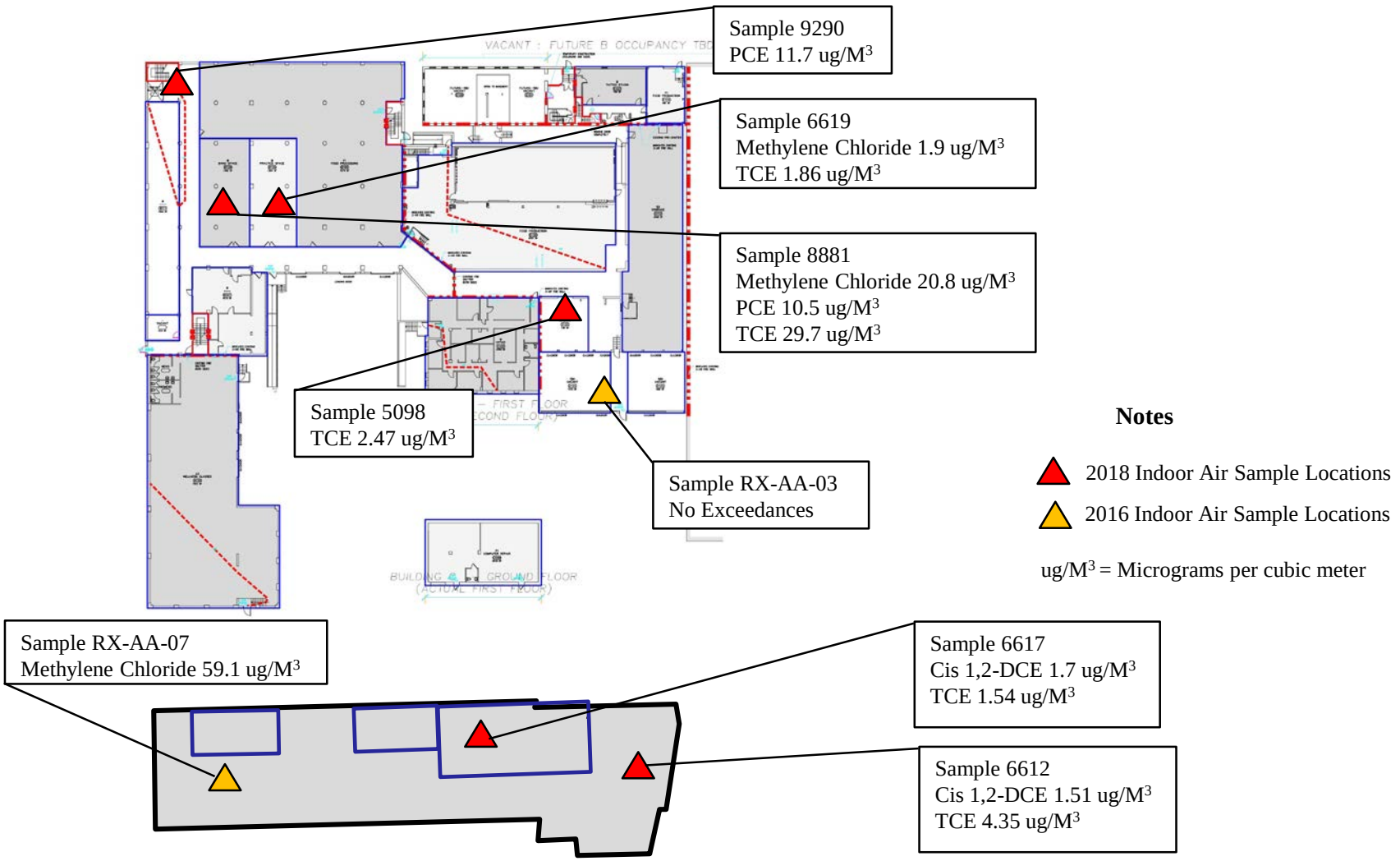
Project	900.002
Date	8/21/2018
Scale	NTS
Drawn	PVS
Checked	MPR
File Name	Site drawing
Figure	1



Title: Summary of Indoor Air Sample Exceedance 2016 and 2018 Investigations
Vacuum Oil Refinery Site, Rochester, New York

Prepared For: Flint Redevelopment LLC
Rochester, New York

Leader Professional Services, Inc
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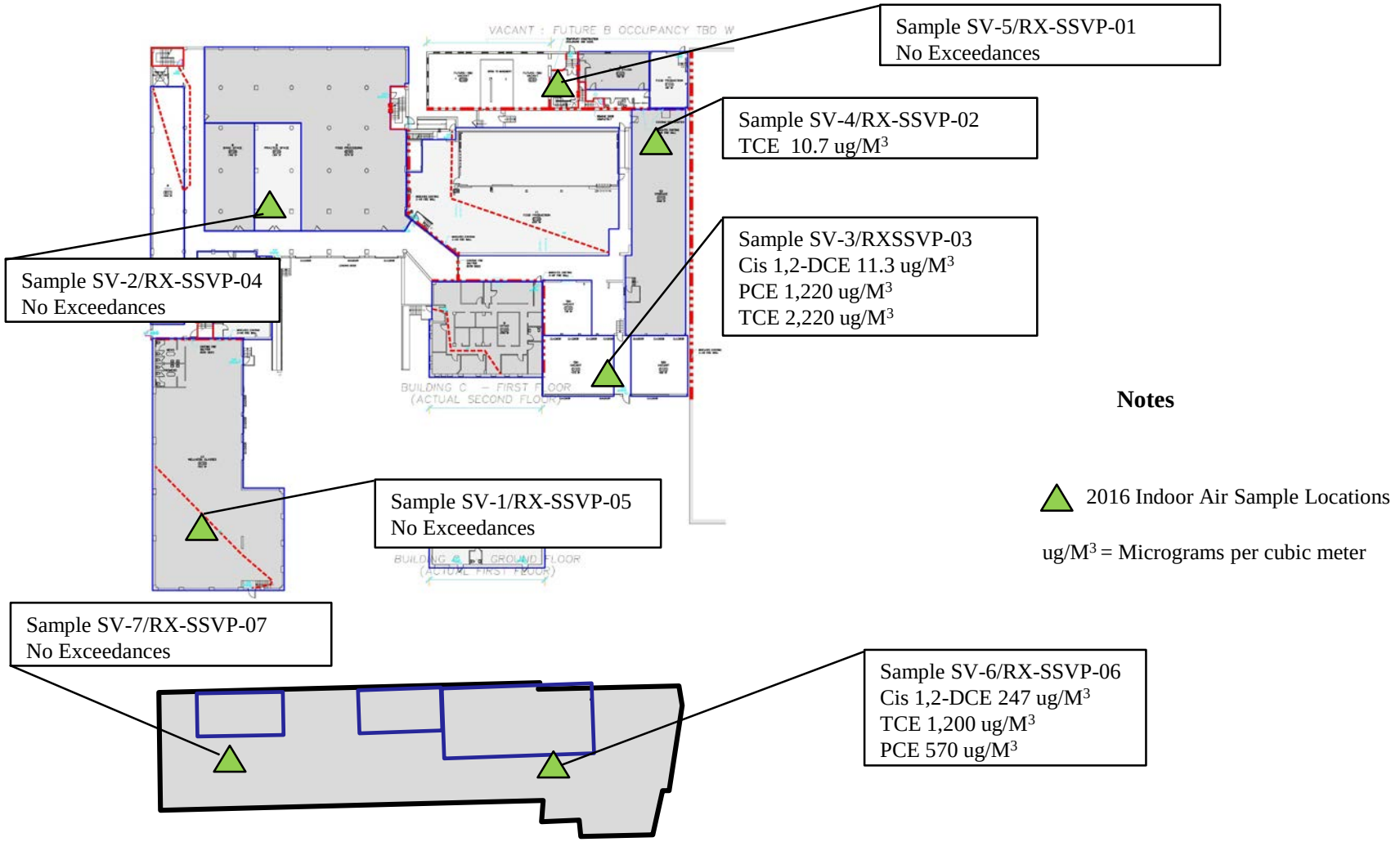
Project: 900.002
Date: 8/21/2018
Scale: NTS

Drawn: PVS
Checked: MPR
File Name: Site drawing

Figure: 2



Title	Summary of 2016 Sub-slab Air Sample Exceedance Vacuum Oil Refinery Site Rochester , New York
Prepared For	Flint Redevelopment LLC Rochester, New York

Leader Professional Services, Inc
271 Marsh Road-Suite 2
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Project	900.002
Date	8/21/2018
Scale	NTS
Drawn	PVS
Checked	MPR
File Name	Site drawing
Figure	3

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-01		L999860-02		L999860-04		L999860-05		L999860-06	
Client Sample ID		9198		8921		5094		7354		6617	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	102		88		42.5		33.6		26.5	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626		<0.626		<0.626	
BENZENE	ug/m3	<0.639		<0.639		3.39		4.29		4.51	
BENZYL CHLORIDE	ug/m3	<1.04		<1.04		<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		<0.622		<0.622		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	0.905		0.957		0.944		1.02		0.934	
2-CHLOROTOLUENE	ug/m3	<1.03		<1.03		1.11		<1.03		1.11	
CYCLOHEXANE	ug/m3	<0.689		<0.689		<0.689		<0.689		2.07	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810		<0.810		0.891	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		0.914		<0.793		1.7	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	1.26		<0.924		<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-01		L999860-02		L999860-04		L999860-05		L999860-06	
Client Sample ID		9198		8921		5094		7354		6617	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
ETHANOL	ug/m3	109		18.4		60.2		38.2		69	
ETHYLBENZENE	ug/m3	1.76		1.2		7.63		8.99		10.2	
4-ETHYLTOLUENE	ug/m3	1.3		1.3		8.45		9.74		10.9	
TRICHLOROFLUOROMETHANE	ug/m3	1.34		1.32		1.46		1.44		1.67	
DICHLORODIFLUOROMETHANE	ug/m3	1.72		1.87		1.82		1.84		1.86	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40		<1.40		<1.40	
HEPTANE	ug/m3	<0.818		<0.818		17.5		15.6		9.95	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	0.902		0.946		6.93		8.62		10.1	
ISOPROPYLBENZENE	ug/m3	<0.983		<0.983		1.02		1.14		1.32	
METHYLENE CHLORIDE	ug/m3	5.04		2.64		1.25		1.04		1.01	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69		<3.69		7.59		7.1		9.24	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		<5.12		<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		<0.819		<0.819		<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	<3.30		<3.30		4.47		4.72		6.8	
2-PROPANOL	ug/m3	13.5		8.82		14.9		8.3		16.6	
PROPENE	ug/m3	<0.689		<0.689		<0.689		<0.689		<0.689	
STYRENE	ug/m3	<0.851		<0.851		<0.851		<0.851		<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	<1.36		<1.36		2.15		<1.36		1.91	
TETRAHYDROFURAN	ug/m3	1.08		<0.590		<0.590		<0.590		6.29	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

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Indoor Air Sample Results
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Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-01		L999860-02		L999860-04		L999860-05		L999860-06	
Client Sample ID		9198		8921		5094		7354		6617	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	3.43		2.07		28.6		31		36.5	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	<1.07		<1.07		<1.07		<1.07		1.54	
1,2,4-TRIMETHYLBENZENE	ug/m3	1.33		1.23		9.37		10.9		12.3	
1,3,5-TRIMETHYLBENZENE	ug/m3	<0.982		<0.982		2.86		3.33		3.75	
2,2,4-TRIMETHYLPENTANE	ug/m3	<0.934		<0.934		3.03		3.84		4.14	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		<0.704		<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	9.87		8.52		30.3		35.5		40	
O-XYLENE	ug/m3	3.84		3.29		11.9		13.9		15.9	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-07		L999860-08		L999860-09	
Client Sample ID		7167		5709		6112	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	41.1		54.7		37.7	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626	
BENZENE	ug/m3	6.52		3.01		8.19	
BENZYL CHLORIDE	ug/m3	<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	0.892		0.947		0.869	
2-CHLOROTOLUENE	ug/m3	<1.03		<1.03		<1.03	
CYCLOHEXANE	ug/m3	<0.689		1.35		4.45	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		1.51	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

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Rochester, New York

Lab Sample ID		L999860-07		L999860-08		L999860-09	
Client Sample ID		7167		5709		6112	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721	
ETHANOL	ug/m3	48.7		28.1		52.3	
ETHYLBENZENE	ug/m3	9.05		5.27		13	
4-ETHYLTOLUENE	ug/m3	9.01		5.69		15.1	
TRICHLOROFLUOROMETHANE	ug/m3	1.45		1.36		1.47	
DICHLORODIFLUOROMETHANE	ug/m3	1.83		1.72		1.84	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40	
HEPTANE	ug/m3	17.8		25.3		16.1	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	11.7		5.29		17.2	
ISOPROPYLBENZENE	ug/m3	1.22		<0.983		1.62	
METHYLENE CHLORIDE	ug/m3	1.17		0.855		0.959	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	9.93		8.43		5.4	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	4.91		<3.30		5.4	
2-PROPANOL	ug/m3	10.2		6.17		7.05	
PROPENE	ug/m3	<0.689		<0.689		<0.689	
STYRENE	ug/m3	<0.851		<0.851		<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	5.44		<1.36		<1.36	
TETRAHYDROFURAN	ug/m3	<0.590		<0.590		<0.590	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

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Indoor Air Sample Results
Vacuum Oil Refinery Site
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Rochester, New York

Lab Sample ID		L999860-07		L999860-08		L999860-09	
Client Sample ID		7167		5709		6112	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	38.8		21.7		51.4	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	<1.07		<1.07		4.35	
1,2,4-TRIMETHYLBENZENE	ug/m3	10.1		5.94		18.9	
1,3,5-TRIMETHYLBENZENE	ug/m3	3.07		1.9		5.64	
2,2,4-TRIMETHYLPENTANE	ug/m3	4.61		2.28		10.7	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	34.2		20.8		50.7	
O-XYLENE	ug/m3	13.5		8.16		20.3	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-10		L999860-11		L999860-12		L999860-13		L999860-14	
Client Sample ID		8513		8881		6619		7238		7968	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	6.74		200		103		25.9		26.7	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626		<0.626		<0.626	
BENZENE	ug/m3	<0.639		157		9.07		3.95		4.4	
BENZYL CHLORIDE	ug/m3	<1.04		12.8		<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		1.8		<0.622		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	0.934		1.24		1.15		1.02		0.985	
2-CHLOROTOLUENE	ug/m3	<1.03		17.7		<1.03		<1.03		<1.03	
CYCLOHEXANE	ug/m3	<0.689		81.3		6.45		<0.689		2.49	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810		<0.810		<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-10		L999860-11		L999860-12		L999860-13		L999860-14	
Client Sample ID		8513		8881		6619		7238		7968	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
ETHANOL	ug/m3	8.99		4110		332		284		333	
ETHYLBENZENE	ug/m3	<0.867		440		24.5		6.53		7.11	
4-ETHYLTOLUENE	ug/m3	<0.982		136		25.6		7.47		8.26	
TRICHLOROFLUOROMETHANE	ug/m3	1.32		2.18		1.54		3.93		5.98	
DICHLORODIFLUOROMETHANE	ug/m3	1.87		1.81		1.92		1.93		1.86	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40		<1.40		<1.40	
HEPTANE	ug/m3	<0.818		1560		111		18.5		23	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	<0.705		361		18		8.16		8.6	
ISOPROPYLBENZENE	ug/m3	<0.983		102		4.89		1.38		1.56	
METHYLENE CHLORIDE	ug/m3	0.877		20.8		1.9		1.23		0.78	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69		112		10.3		<3.69		3.73	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		24.4		<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		10.4		2.06		2.3	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		57		<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	<3.30		33.3		<3.30		<3.30		<3.30	
2-PROPANOL	ug/m3	3.17		56.7		89.3		26		21.7	
PROPENE	ug/m3	<0.689		<0.689		<0.689		<0.689		<0.689	
STYRENE	ug/m3	<0.851		<0.851		<0.851		1.29		<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	6.25		10.5		<1.36		<1.36		<1.36	
TETRAHYDROFURAN	ug/m3	<0.590		<0.590		45.9		<0.590		12.6	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-10		L999860-11		L999860-12		L999860-13		L999860-14	
Client Sample ID		8513		8881		6619		7238		7968	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	2.13		3590		159		45.7		53.5	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	<1.07		29.7		1.86		<1.07		<1.07	
1,2,4-TRIMETHYLBENZENE	ug/m3	<0.982		522		30.5		8.7		9.53	
1,3,5-TRIMETHYLBENZENE	ug/m3	<0.982		147		8.5		2.51		2.71	
2,2,4-TRIMETHYLPENTANE	ug/m3	<0.934		1820		68.8		18.1		22.7	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		0.996		<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	<1.73		419		90		24.9		27.2	
O-XYLENE	ug/m3	<0.867		654		35.5		9.22		10.2	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-15		L999860-16		L999860-17	
Client Sample ID		5789		9290		7240	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	12.1		12.8		18.5	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626	
BENZENE	ug/m3	2.64		2.64		3.96	
BENZYL CHLORIDE	ug/m3	<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	0.802		0.776		0.896	
2-CHLOROTOLUENE	ug/m3	<1.03		<1.03		<1.03	
CYCLOHEXANE	ug/m3	<0.689		1.38		2.15	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-15		L999860-16		L999860-17	
Client Sample ID		5789		9290		7240	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721	
ETHANOL	ug/m3	73.6		77.2		56.5	
ETHYLBENZENE	ug/m3	3.03		3.36		6.83	
4-ETHYLTOLUENE	ug/m3	1.14		1.25		2.04	
TRICHLOROFLUOROMETHANE	ug/m3	1.36		1.54		1.24	
DICHLORODIFLUOROMETHANE	ug/m3	1.15		1.18		1.2	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40	
HEPTANE	ug/m3	8.04		7.41		23.9	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	9.12		5.24		8.17	
ISOPROPYLBENZENE	ug/m3	<0.983		<0.983		1.62	
METHYLENE CHLORIDE	ug/m3	1.03		<0.694		0.788	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69		<3.69		<3.69	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	<3.30		<3.30		<3.30	
2-PROPANOL	ug/m3	7.62		<3.07		5.04	
PROPENE	ug/m3	<0.689		<0.689		<0.689	
STYRENE	ug/m3	<0.851		<0.851		<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	<1.36		11.7		<1.36	
TETRAHYDROFURAN	ug/m3	1.27		1.74		1.37	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-15		L999860-16		L999860-17	
Client Sample ID		5789		9290		7240	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	23.2		25.2		55.3	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	<1.07		<1.07		<1.07	
1,2,4-TRIMETHYLBENZENE	ug/m3	4.17		4.57		7.81	
1,3,5-TRIMETHYLBENZENE	ug/m3	1.21		1.21		2.07	
2,2,4-TRIMETHYLPENTANE	ug/m3	8.95		8.44		23.8	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	11		12		25.4	
O-XYLENE	ug/m3	4.19		4.57		9.59	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-18		L999860-19		L999860-20		L999860-21		L999860-22	
Client Sample ID		5276		7287		5674		6853		6223	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	17.7		37.5		12.3		14.5		16.1	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626		<0.626		<0.626	
BENZENE	ug/m3	3.82		2.57		2.29		<0.639		2.01	
BENZYL CHLORIDE	ug/m3	<1.04		<1.04		<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		0.784		<0.622		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	0.914		1.06		0.771		1.01		1.16	
2-CHLOROTOLUENE	ug/m3	<1.03		<1.03		<1.03		<1.03		<1.03	
CYCLOHEXANE	ug/m3	<0.689		<0.689		1.13		<0.689		1.67	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810		<0.810		<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-18		L999860-19		L999860-20		L999860-21		L999860-22	
Client Sample ID		5276		7287		5674		6853		6223	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
ETHANOL	ug/m3	44.5		1010		18.5		12.3		48.8	
ETHYLBENZENE	ug/m3	5.96		1.04		1.91		<0.867		1.87	
4-ETHYLTOLUENE	ug/m3	1.82		<0.982		<0.982		<0.982		<0.982	
TRICHLOROFLUOROMETHANE	ug/m3	1.25		5.52		<1.12		1.39		1.51	
DICHLORODIFLUOROMETHANE	ug/m3	1.18		1.21		1.27		1.82		1.84	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40		<1.40		<1.40	
HEPTANE	ug/m3	19.3		2.02		1.79		<0.818		2.44	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	7.7		1.67		4.29		0.844		5.25	
ISOPROPYLBENZENE	ug/m3	1.31		<0.983		<0.983		<0.983		<0.983	
METHYLENE CHLORIDE	ug/m3	<0.694		<0.694		<0.694		0.837		1.2	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69		9.6		<3.69		<3.69		<3.69	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		<5.12		<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		<0.819		<0.819		<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	<3.30		<3.30		<3.30		<3.30		<3.30	
2-PROPANOL	ug/m3	3.63		3.36		<3.07		7.08		9.91	
PROPENE	ug/m3	<0.689		<0.689		1.16		<0.689		4.08	
STYRENE	ug/m3	<0.851		<0.851		<0.851		<0.851		<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	<1.36		<1.36		<1.36		<1.36		<1.36	
TETRAHYDROFURAN	ug/m3	1.31		26.3		0.657		1.88		1.73	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-18		L999860-19		L999860-20		L999860-21		L999860-22	
Client Sample ID		5276		7287		5674		6853		6223	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	45.4		6.79		11.1		2.13		12.5	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	<1.07		<1.07		<1.07		<1.07		<1.07	
1,2,4-TRIMETHYLBENZENE	ug/m3	6.73		2.43		2.66		1		2.58	
1,3,5-TRIMETHYLBENZENE	ug/m3	1.88		<0.982		<0.982		<0.982		<0.982	
2,2,4-TRIMETHYLPENTANE	ug/m3	18.8		1.63		2.6		<0.934		2.99	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		<0.704		<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	21.7		3.83		6.65		1.96		6.97	
O-XYLENE	ug/m3	8.14		1.67		2.58		<0.867		2.48	

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ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-23		L999860-24		L999860-25	
Client Sample ID		5098		9174		6511	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	8.02		33.3		41	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626	
BENZENE	ug/m3	3.76		<0.639		2.98	
BENZYL CHLORIDE	ug/m3	<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	1.22		1.08		1.28	
2-CHLOROTOLUENE	ug/m3	<1.03		<1.03		<1.03	
CYCLOHEXANE	ug/m3	2.32		0.717		2.14	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-23		L999860-24		L999860-25	
Client Sample ID		5098		9174		6511	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721	
ETHANOL	ug/m3	42.8		14.3		77.6	
ETHYLBENZENE	ug/m3	3.34		<0.867		2.75	
4-ETHYLTOLUENE	ug/m3	<0.982		<0.982		<0.982	
TRICHLOROFLUOROMETHANE	ug/m3	1.38		1.38		1.56	
DICHLORODIFLUOROMETHANE	ug/m3	1.83		1.69		1.9	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40	
HEPTANE	ug/m3	4.13		<0.818		3.63	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	9.2		1.14		7.12	
ISOPROPYLBENZENE	ug/m3	<0.983		<0.983		<0.983	
METHYLENE CHLORIDE	ug/m3	0.876		0.757		1.99	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69		<3.69		7.41	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	<3.30		<3.30		<3.30	
2-PROPANOL	ug/m3	5.77		6.03		23.9	
PROPENE	ug/m3	1.07		<0.689		<0.689	
STYRENE	ug/m3	<0.851		<0.851		0.942	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	4.55		<1.36		<1.36	
TETRAHYDROFURAN	ug/m3	1.83		0.765		<0.590	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-23		L999860-24		L999860-25	
Client Sample ID		5098		9174		6511	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	20.6		3.66		18	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	2.47		<1.07		<1.07	
1,2,4-TRIMETHYLBENZENE	ug/m3	4.86		1.31		3.61	
1,3,5-TRIMETHYLBENZENE	ug/m3	1.36		<0.982		1	
2,2,4-TRIMETHYLPENTANE	ug/m3	5.15		<0.934		3.88	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	12.4		3.98		10.1	
O-XYLENE	ug/m3	4.33		1.53		3.68	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-26		L999860-27		L999860-28		L999860-30		L999860-32	
Client Sample ID		6531		8960		6630		5280		8565	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/m3	20.4		18.5		55.4		19.9		18.8	
ALLYL CHLORIDE	ug/m3	<0.626		<0.626		<0.626		<0.626		<0.626	
BENZENE	ug/m3	<0.639		1.95		3.17		2.55		0.716	
BENZYL CHLORIDE	ug/m3	<1.04		<1.04		<1.04		<1.04		<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34		<1.34		<1.34		<1.34		<1.34	
BROMOFORM	ug/m3	<6.21		<6.21		<6.21		<6.21		<6.21	
BROMOMETHANE	ug/m3	<0.776		<0.776		<0.776		<0.776		<0.776	
1,3-BUTADIENE	ug/m3	<4.43		<4.43		<4.43		<4.43		<4.43	
CARBON DISULFIDE	ug/m3	<0.622		<0.622		0.663		<0.622		<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26		<1.26		<1.26		<1.26		<1.26	
CHLOROBENZENE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	
CHLOROETHANE	ug/m3	<0.528		<0.528		<0.528		<0.528		<0.528	
CHLOROFORM	ug/m3	<0.973		<0.973		<0.973		<0.973		<0.973	
CHLOROMETHANE	ug/m3	1.28		1.2		1.62		1.21		1.22	
2-CHLOROTOLUENE	ug/m3	<1.03		<1.03		<1.03		<1.03		<1.03	
CYCLOHEXANE	ug/m3	1.94		1.3		<0.689		2.35		<0.689	
CHLORODIBROMOMETHANE	ug/m3	<1.70		<1.70		<1.70		<1.70		<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54		<1.54		<1.54		<1.54		<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20		<1.20		<1.20		<1.20		<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810		<0.810		<0.810		<0.810		<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802		<0.802		<0.802		<0.802		<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924		<0.924		<0.924		<0.924		<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-26		L999860-27		L999860-28		L999860-30		L999860-32	
Client Sample ID		6531		8960		6630		5280		8565	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908		<0.908		<0.908		<0.908		<0.908	
1,4-DIOXANE	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
ETHANOL	ug/m3	15.6		56.1		1770		54.1		46.6	
ETHYLBENZENE	ug/m3	<0.867		1.72		1.72		2.26		<0.867	
4-ETHYLTOLUENE	ug/m3	<0.982		<0.982		<0.982		<0.982		<0.982	
TRICHLOROFLUOROMETHANE	ug/m3	1.45		1.41		6.91		1.46		1.44	
DICHLORODIFLUOROMETHANE	ug/m3	1.72		1.73		1.81		1.79		1.75	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53		<1.53		<1.53		<1.53		<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40		<1.40		<1.40		<1.40		<1.40	
HEPTANE	ug/m3	<0.818		1.9		3.73		3.05		<0.818	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73		<6.73		<6.73		<6.73		<6.73	
N-HEXANE	ug/m3	<0.705		4.23		3.01		6.08		1.38	
ISOPROPYLBENZENE	ug/m3	<0.983		<0.983		<0.983		<0.983		<0.983	
METHYLENE CHLORIDE	ug/m3	0.759		<0.694		<0.694		2.53		<0.694	
METHYL BUTYL KETONE	ug/m3	<5.11		<5.11		<5.11		<5.11		<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69		<3.69		11.5		<3.69		7.47	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12		<5.12		<5.12		<5.12		<5.12	
METHYL METHACRYLATE	ug/m3	<0.819		<0.819		<0.819		<0.819		<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721		<0.721		<0.721		<0.721		<0.721	
NAPHTHALENE	ug/m3	<3.30		<3.30		<3.30		<3.30		<3.30	
2-PROPANOL	ug/m3	5.76		7.5		5.9		11.9		<3.07	
PROPENE	ug/m3	<0.689		1.09		<0.689		<0.689		<0.689	
STYRENE	ug/m3	<0.851		<0.851		<0.851		<0.851		<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37		<1.37		<1.37		<1.37		<1.37	
TETRACHLOROETHENE	ug/m3	<1.36		<1.36		<1.36		<1.36		<1.36	
TETRAHYDROFURAN	ug/m3	<0.590		<0.590		36.5		2.31		4.8	

Notes:
ug/M^3 = micrograms per cubic meter.

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TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-26		L999860-27		L999860-28		L999860-30		L999860-32	
Client Sample ID		6531		8960		6630		5280		8565	
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOLUENE	ug/m3	4.28		10.7		11.1		16.4		3.56	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66		<4.66		<4.66		<4.66		<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09		<1.09		<1.09		<1.09		<1.09	
TRICHLOROETHENE	ug/m3	<1.07		<1.07		<1.07		<1.07		<1.07	
1,2,4-TRIMETHYLBENZENE	ug/m3	<0.982		2.61		3.52		3.14		1.22	
1,3,5-TRIMETHYLBENZENE	ug/m3	<0.982		<0.982		<0.982		<0.982		<0.982	
2,2,4-TRIMETHYLPENTANE	ug/m3	<0.934		2.32		3.45		3.53		1.01	
VINYL CHLORIDE	ug/m3	<0.511		<0.511		<0.511		<0.511		<0.511	
VINYL BROMIDE	ug/m3	<0.875		<0.875		<0.875		<0.875		<0.875	
VINYL ACETATE	ug/m3	<0.704		<0.704		<0.704		<0.704		<0.704	
M&P-XYLENE	ug/m3	<1.73		6.22		6.66		8.33		2.54	
O-XYLENE	ug/m3	<0.867		2.17		2.59		2.99		0.933	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-33	
Client Sample ID		5748	
Date Collected		06/05/2018	
Analyte	Units	Result	Qualifier
ACETONE	ug/m3	18.2	
ALLYL CHLORIDE	ug/m3	<0.626	
BENZENE	ug/m3	1.71	
BENZYL CHLORIDE	ug/m3	<1.04	
BROMODICHLOROMETHANE	ug/m3	<1.34	
BROMOFORM	ug/m3	<6.21	
BROMOMETHANE	ug/m3	<0.776	
1,3-BUTADIENE	ug/m3	<4.43	
CARBON DISULFIDE	ug/m3	<0.622	
CARBON TETRACHLORIDE	ug/m3	<1.26	
CHLOROBENZENE	ug/m3	<0.924	
CHLOROETHANE	ug/m3	<0.528	
CHLOROFORM	ug/m3	<0.973	
CHLOROMETHANE	ug/m3	1.15	
2-CHLOROTOLUENE	ug/m3	<1.03	
CYCLOHEXANE	ug/m3	0.795	
CHLORODIBROMOMETHANE	ug/m3	<1.70	
1,2-DIBROMOETHANE	ug/m3	<1.54	
1,2-DICHLOROBENZENE	ug/m3	<1.20	
1,3-DICHLOROBENZENE	ug/m3	<1.20	
1,4-DICHLOROBENZENE	ug/m3	<1.20	
1,2-DICHLOROETHANE	ug/m3	<0.810	
1,1-DICHLOROETHANE	ug/m3	<0.802	
1,1-DICHLOROETHENE	ug/m3	<0.793	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793	
TRANS-1,2-DICHLOROETHENE	ug/m3	<0.793	
1,2-DICHLOROPROPANE	ug/m3	<0.924	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-33	
Client Sample ID		5748	
Date Collected		06/05/2018	
Analyte	Units	Result	Qualifier
CIS-1,3-DICHLOROPROPENE	ug/m3	<0.908	
TRANS-1,3-DICHLOROPROPENE	ug/m3	<0.908	
1,4-DIOXANE	ug/m3	<0.721	
ETHANOL	ug/m3	38	
ETHYLBENZENE	ug/m3	1.62	
4-ETHYLTOLUENE	ug/m3	<0.982	
TRICHLOROFLUOROMETHANE	ug/m3	1.59	
DICHLORODIFLUOROMETHANE	ug/m3	1.89	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/m3	<1.53	
1,2-DICHLOROTETRAFLUOROETHANE	ug/m3	<1.40	
HEPTANE	ug/m3	1.66	
HEXACHLORO-1,3-BUTADIENE	ug/m3	<6.73	
N-HEXANE	ug/m3	3.51	
ISOPROPYLBENZENE	ug/m3	<0.983	
METHYLENE CHLORIDE	ug/m3	<0.694	
METHYL BUTYL KETONE	ug/m3	<5.11	
2-BUTANONE (MEK)	ug/m3	<3.69	
4-METHYL-2-PENTANONE (MIBK)	ug/m3	<5.12	
METHYL METHACRYLATE	ug/m3	<0.819	
METHYL TERT-BUTYL ETHER	ug/m3	<0.721	
NAPHTHALENE	ug/m3	<3.30	
2-PROPANOL	ug/m3	5.93	
PROPENE	ug/m3	<0.689	
STYRENE	ug/m3	<0.851	
1,1,2,2-TETRACHLOROETHANE	ug/m3	<1.37	
TETRACHLOROETHENE	ug/m3	<1.36	
TETRAHYDROFURAN	ug/m3	<0.590	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 1
Indoor Air Sample Results
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-33	
Client Sample ID		5748	
Date Collected		06/05/2018	
Analyte	Units	Result	Qualifier
TOLUENE	ug/m3	8.45	
1,2,4-TRICHLOROBENZENE	ug/m3	<4.66	
1,1,1-TRICHLOROETHANE	ug/m3	<1.09	
1,1,2-TRICHLOROETHANE	ug/m3	<1.09	
TRICHLOROETHENE	ug/m3	<1.07	
1,2,4-TRIMETHYLBENZENE	ug/m3	2.43	
1,3,5-TRIMETHYLBENZENE	ug/m3	<0.982	
2,2,4-TRIMETHYLPENTANE	ug/m3	2.54	
VINYL CHLORIDE	ug/m3	<0.511	
VINYL BROMIDE	ug/m3	<0.875	
VINYL ACETATE	ug/m3	<0.704	
M&P-XYLENE	ug/m3	6.52	
O-XYLENE	ug/m3	2.38	

Notes:
ug/M^3 = micrograms per cubic meter.

< = compound not found at the shown concentration or above.

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		NYSDOH	L999860-10		L999860-04		L999860-05		L999860-06		L999860
Client Sample ID			8513		5094		7354		6617		
Building		Indoor	Outdoor		22 Flint		22 Flint		22 Flint		22 Flint
Date Collected		AirAction Level	06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/20
CIS-1,2-DICHLOROETHENE	ug/m3	1	<0.793		0.914		<0.793		**1.7**		<0.793
METHYLENE CHLORIDE	ug/m3	10	0.877		1.25		1.04		1.01		1.17
TETRACHLOROETHENE	ug/m3	10	6.25		2.15		<1.36		1.91		5.44
TRICHLOROETHENE	ug/m3	1	<1.07		<1.07		<1.07		**1.54**		<1.07

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		-07	L999860-08		L999860-09		L999860-11		L999860-12	
Client Sample ID		7167	5709		6112		8881		6619	
Building			22 Flint		22 Flint		936 Exchange		936 Exchange	
Date Collected		18	06/05/2018		06/05/2018		06/05/2018		06/05/2018	
CIS-1,2-DICHLOROETHENE	ug/m3		<0.793		**1.51**		<0.793		<0.793	
METHYLENE CHLORIDE	ug/m3		0.855		0.959		**20.8**		1.9	
TETRACHLOROETHENE	ug/m3		<1.36		<1.36		**10.5**		<1.36	
TRICHLOROETHENE	ug/m3		<1.07		4.35		**29.7**		**1.86**	

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-13		L999860-14		L999860-15		L999860-16		L999860-17		L999860
Client Sample ID		7238		7968		5789		9290		7240		
Building		936 Exchange		936 Exchange		936 Exchange		936 Exchange		936 Exchange		936 Excl
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/20
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793		<0.793
METHYLENE CHLORIDE	ug/m3	1.23		0.78		1.03		<0.694		0.788		<0.694
TETRACHLOROETHENE	ug/m3	<1.36		<1.36		<1.36		**11.7**		<1.36		<1.36
TRICHLOROETHENE	ug/m3	<1.07		<1.07		<1.07		<1.07		<1.07		<1.07

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		-18		L999860-19		L999860-20		L999860-21	
Client Sample ID		5276		7287		5674		6853	
Building		nange		936 Exchange		936 Exchange		936 Exchange	
Date Collected		18		06/05/2018		06/05/2018		06/05/2018	
CIS-1,2-DICHLOROETHENE	ug/m3			<0.793		<0.793		<0.793	
METHYLENE CHLORIDE	ug/m3			<0.694		<0.694		0.837	
TETRACHLOROETHENE	ug/m3			<1.36		<1.36		<1.36	
TRICHLOROETHENE	ug/m3			<1.07		<1.07		<1.07	

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-22		L999860-23		L999860-24		L999860-25		L999860-26		L999860
Client Sample ID		6223		5098		9174		6511		6531		
Building		936 Exchange		936 Exchange		936 Exchange		936 Exchange		936 Exchange		936 Excl
Date Collected		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/2018		06/05/20
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793		<0.793		<0.793		<0.793
METHYLENE CHLORIDE	ug/m3	1.2		0.876		0.757		1.99		0.759		<0.694
TETRACHLOROETHENE	ug/m3	<1.36		4.55		<1.36		<1.36		<1.36		<1.36
TRICHLOROETHENE	ug/m3	<1.07		**2.47**		<1.07		<1.07		<1.07		<1.07

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		-27		L999860-28		L999860-30		L999860-32	
Client Sample ID		8960		6630		5280		8565	
Building		nange		936 Exchange		936 Exchange		936 Exchange	
Date Collected		18		06/05/2018		06/05/2018		06/05/2018	
CIS-1,2-DICHLOROETHENE	ug/m3			<0.793		<0.793		<0.793	
METHYLENE CHLORIDE	ug/m3			<0.694		2.53		<0.694	
TETRACHLOROETHENE	ug/m3			<1.36		<1.36		<1.36	
TRICHLOROETHENE	ug/m3			<1.07		<1.07		<1.07	

TABLE 2
Summary of Indoor Air Exceedances
Vacuum Oil Refinery Site
Flint Redevelopment LLC
Rochester, New York

Lab Sample ID		L999860-33		L999860-01		L999860-02	
Client Sample ID		5748		9198		8921	
Building		936 Exchange		936 Exchange		936 Exchange	
Date Collected		06/05/2018		06/05/2018		06/05/2018	
CIS-1,2-DICHLOROETHENE	ug/m3	<0.793		<0.793		<0.793	
METHYLENE CHLORIDE	ug/m3	<0.694		5.04		2.64	
TETRACHLOROETHENE	ug/m3	<1.36		<1.36		<1.36	
TRICHLOROETHENE	ug/m3	<1.07		<1.07		<1.07	

TABLE 3
Summary of Building Uses and PID Observed Concentrations by Sample Number
June 2018 Indoor Air Sampling
Vacuum Oil Referinet Site
Flint Redevelopment, Rochester, New York

Client Sample ID	Address	Area Use	Max. PID Measurement (ppm)
5094	22 Flint	Entry into building. Chemical and part storage. Adjacent to general storage, reupholster shop and propane cylinders present.	28, 700 in flammable container cabinet
5709	22 Flint	Area used for equipment, part and vehicle storage. Adjacent to carpentry shop.	82
6112	22 Flint	Equipment, cleaning materials, paint, gas and propane powered equipment, and vehicle storage.	220
6617	22 Flint	Cleaning and restoration chemical products, clothes washing and drying machines.	2,455
7167	22 Flint	Area used for equipment, part and vehicle storage.	82
7354	22 Flint	Equipment, cleaning materials, paint, gas and propane powered equipment, and household items.	542 to 2,256 near propane and paint thinner
5098	936 Exchange	Heated access area to loading dock for composting tenant. Area is used for cleaning containers.	0
5276	936 Exchange	Area used for material storage by mushroom cultivator.	
5280	936 Exchange	Area used for household item storage, electronics storage, and industrial storage racks.	
5674	936 Exchange	Area used for household item storage, electronics storage, and industrial storage racks.	
5748	936 Exchange	Bicycle storage.	
5789	936 Exchange	Construction material storage.	542 to 2,256 near propane and paint thinner
6223	936 Exchange	Bicycle storage.	
6511	936 Exchange	Area used for bicycles, electronics storage, and industrial storage racks.	
6531	936 Exchange	Computer hardware storage.	0
6619	936 Exchange	Studio used by performance actors. Historical re-enactors.	542 to 2,256 near propane and paint thinner
6630	936 Exchange	Undercontruction, Performing arts stage, bar and material storage area.	96 to 5,861 near paint and glue containers
6853	936 Exchange	Under construction to replace sewer pipe.	0 to 3 near paint and joint compound
7238	936 Exchange	Office area.	542 to 2,256 near propane and paint thinner containers in adjacent hallway
7240	936 Exchange	Area used for material storage by mushroom cultivator. Area adjacent to sterilizing equipment.	542 to 2,256 near propane and paint thinner containers in adjacent hallway
7287	936 Exchange	Undercontruction, Performing arts stage and bar. Area is also used as a bakery.	96 to 5,861 near paint and glue containers
8565	936 Exchange	Food processor, dried and smoked meats and nuts.	0 to 3 near paint and joint compound
8881	936 Exchange	Motorcycle repair and storage.	13.5 in background air
8921	936 Exchange	Under construction, office area.	0 to 3 near paint and joint compound
8960	936 Exchange	Office area used by photographers, painters, and others.	75 to 106 near paint cans, Zep Industrial Cleaner
9174	936 Exchange	Under construction, office area.	0 to 3 near paint and joint compound
9198	936 Exchange	Office area and tattoo shop.	0 to 3 near paint and joint compound
9290	936 Exchange	Stairwell to upper floors and storage of construction materials.	
7968	936 Exchange	Office, yoga studio.	542 to 2,256 near propane and paint thinner
8513	Outdoor	Adjacent to Flint Street and Building 936 Exchange	0

Appendix 1
Laboratory Data

ANALYTICAL REPORT

June 13, 2018

Leader Environmental

Sample Delivery Group:	L999860
Samples Received:	06/07/2018
Project Number:	900.003
Description:	Flint & Exchange Street BCP #C828193
Site:	C828193
Report To:	Evan Dumrese 271 Marsh Road, Suite 2 Pittsford, NY 14534

Entire Report Reviewed By:

Nancy McLain
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

Cp: Cover Page 1
Tc: Table of Contents 2
Ss: Sample Summary 3
Cn: Case Narrative 7
Sr: Sample Results 8
9198 L999860-01 8
8921 L999860-02 10
5094 L999860-04 12
7354 L999860-05 14
6617 L999860-06 16
7167 L999860-07 18
5709 L999860-08 20
6112 L999860-09 22
8513 L999860-10 24
8881 L999860-11 26
6619 L999860-12 28
7238 L999860-13 30
7968 L999860-14 32
5789 L999860-15 34
9290 L999860-16 36
7240 L999860-17 38
5276 L999860-18 40
7287 L999860-19 42
5674 L999860-20 44
6853 L999860-21 46
6223 L999860-22 48
5098 L999860-23 50
9174 L999860-24 52
6511 L999860-25 54
6531 L999860-26 56
8960 L999860-27 58
6630 L999860-28 60
5280 L999860-30 62
8565 L999860-32 64
5748 L999860-33 66
Qc: Quality Control Summary 68
Volatile Organic Compounds (MS) by Method TO-15 68
Gl: Glossary of Terms 86
Al: Accreditations & Locations 87
Sc: Sample Chain of Custody 88

9198 L999860-01 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:33	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 16:33	06/08/18 16:33	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122211	25	06/09/18 23:47	06/09/18 23:47	MBF

8921 L999860-02 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:39	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 17:22	06/08/18 17:22	AMC

5094 L999860-04 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:16	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 18:09	06/08/18 18:09	AMC

7354 L999860-05 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:23	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 18:56	06/08/18 18:56	AMC

6617 L999860-06 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:20	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 19:43	06/08/18 19:43	AMC

7167 L999860-07 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:09	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 20:30	06/08/18 20:30	AMC

5709 L999860-08 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:11	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 21:18	06/08/18 21:18	AMC

6112 L999860-09 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:27	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 22:06	06/08/18 22:06	AMC

8513 L999860-10 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:08	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 22:53	06/08/18 22:53	AMC

8881 L999860-11 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 00:00	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/08/18 23:40	06/08/18 23:40	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122211	25	06/10/18 00:35	06/10/18 00:35	MBF
Volatile Organic Compounds (MS) by Method TO-15	WG1122730	200	06/11/18 16:09	06/11/18 16:09	AMC

6619 L999860-12 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:25	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/09/18 00:32	06/09/18 00:32	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122211	25	06/10/18 01:23	06/10/18 01:23	MBF

7238 L999860-13 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:19	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/09/18 01:21	06/09/18 01:21	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122211	25	06/10/18 02:11	06/10/18 02:11	MBF

7968 L999860-14 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:21	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121693	1	06/09/18 02:09	06/09/18 02:09	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122211	25	06/10/18 02:59	06/10/18 02:59	AMC

5789 L999860-15 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:15	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121755	1	06/08/18 17:34	06/08/18 17:34	AMC

9290 L999860-16 Air

Collected by	Collected date/time	Received date/time
E. Dumrese	06/05/18 07:17	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121755	1	06/08/18 18:28	06/08/18 18:28	AMC

7240 L999860-17 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:27 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121755	1	06/08/18 19:24	06/08/18 19:24	AMC

5276 L999860-18 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:29 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121755	1	06/08/18 20:17	06/08/18 20:17	AMC

7287 L999860-19 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:11 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121755	1	06/08/18 21:10	06/08/18 21:10	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122211	200	06/10/18 03:46	06/10/18 03:46	MBF

5674 L999860-20 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:46 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121755	1	06/08/18 22:02	06/08/18 22:02	AMC

6853 L999860-21 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:43 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121682	1	06/08/18 23:49	06/08/18 23:49	AMC

6223 L999860-22 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:52 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121682	1	06/09/18 00:33	06/09/18 00:33	AMC

5098 L999860-23 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:55 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1121682	1	06/09/18 01:16	06/09/18 01:16	AMC

9174 L999860-24 Air

Collected by: E. Dumrese | Collected date/time: 06/05/18 07:40 | Received date/time: 06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 11:25	06/09/18 11:25	AMC

6511 L999860-25 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:50	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 12:10	06/09/18 12:10	AMC

6531 L999860-26 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:58	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 12:53	06/09/18 12:53	AMC

8960 L999860-27 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:56	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 13:37	06/09/18 13:37	AMC

6630 L999860-28 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:12	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 14:23	06/09/18 14:23	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1122730	400	06/11/18 16:51	06/11/18 16:51	AMC

5280 L999860-30 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:48	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 15:06	06/09/18 15:06	AMC

8565 L999860-32 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:36	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 15:50	06/09/18 15:50	AMC

5748 L999860-33 Air

			Collected by	Collected date/time	Received date/time
			E. Dumrese	06/05/18 07:54	06/07/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG1122160	1	06/09/18 16:38	06/09/18 16:38	AMC

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Nancy F. McLain

Nancy McLain
Technical Service Representative

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	42.8	102		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.438	0.905		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	0.273	1.26		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	15.8	29.8	57.8	109		25	WG1122211
Ethylbenzene	100-41-4	106	0.200	0.867	0.407	1.76		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.266	1.30		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.238	1.34		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.347	1.72		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	0.256	0.902		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	1.45	5.04		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	5.48	13.5		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.368	1.08		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	0.909	3.43		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.270	1.33		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	2.28	9.87		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	0.886	3.84		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.1*				WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.9*				WG1122211

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	37.0	88.0		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.463	0.957		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	9.77	18.4		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	0.277	1.20		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.265	1.30		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.235	1.32		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.377	1.87		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	0.268	0.946		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.759	2.64		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	3.59	8.82		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	0.548	2.07		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.250	1.23		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	1.97	8.52		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	0.759	3.29		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.6*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	17.9	42.5		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	1.06	3.39		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.457	0.944		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	0.215	1.11		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	0.231	0.914		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	31.9	60.2		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	1.76	7.63		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.72	8.45		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.259	1.46		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.368	1.82		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	4.27	17.5		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	1.96	6.93		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.207	1.02		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.359	1.25		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.57	7.59		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	0.854	4.47		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	6.06	14.9		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.317	2.15		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	7.60	28.6		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.91	9.37		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.583	2.86		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.649	3.03		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	6.98	30.3		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	2.75	11.9		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.9*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	14.1	33.6		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	1.34	4.29		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.495	1.02		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	20.3	38.2		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	2.07	8.99		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.99	9.74		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.257	1.44		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.373	1.84		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	3.82	15.6		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	2.44	8.62		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.231	1.14		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.298	1.04		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.41	7.10		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	0.901	4.72		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	3.38	8.30		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	8.24	31.0		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.22	10.9		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.679	3.33		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.822	3.84		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	8.19	35.5		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	3.21	13.9		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	11.1	26.5		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	1.41	4.51		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.452	0.934		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	0.216	1.11		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	0.600	2.07		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	0.220	0.891		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	0.429	1.70		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	36.6	69.0		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	2.36	10.2		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	2.23	10.9		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.297	1.67		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.377	1.86		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	2.43	9.95		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	2.86	10.1		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.268	1.32		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.291	1.01		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	3.13	9.24		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	1.30	6.80		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	6.74	16.6		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.281	1.91		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	2.13	6.29		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	9.68	36.5		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	0.287	1.54		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.51	12.3		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.764	3.75		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.887	4.14		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	9.23	40.0		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	3.66	15.9		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	17.3	41.1		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	2.04	6.52		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.432	0.892		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	25.8	48.7		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	2.09	9.05		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.84	9.01		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.258	1.45		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.371	1.83		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	4.35	17.8		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	3.32	11.7		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.248	1.22		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.337	1.17		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	3.37	9.93		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	0.937	4.91		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	4.14	10.2		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.801	5.44		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	10.3	38.8		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.06	10.1		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.625	3.07		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.986	4.61		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	7.88	34.2		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	3.12	13.5		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	23.0	54.7		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	0.943	3.01		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.459	0.947		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	0.392	1.35		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	14.9	28.1		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	1.22	5.27		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.16	5.69		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.242	1.36		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.348	1.72		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	6.18	25.3		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	1.50	5.29		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.246	0.855		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.86	8.43		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	2.51	6.17		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	5.75	21.7		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.21	5.94		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.386	1.90		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.487	2.28		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	4.79	20.8		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	1.88	8.16		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.5*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	15.9	37.7		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	2.56	8.19		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.421	0.869		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	1.29	4.45		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	0.382	1.51		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	27.7	52.3		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	3.00	13.0		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	3.08	15.1		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.262	1.47		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.371	1.84		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	3.94	16.1		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	4.88	17.2		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.330	1.62		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.276	0.959		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.83	5.40		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	1.03	5.40		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	2.87	7.05		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	13.7	51.4		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	0.812	4.35		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	3.84	18.9		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	1.15	5.64		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	2.30	10.7		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	11.7	50.7		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	4.68	20.3		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	2.84	6.74		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.452	0.934		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	0.630	1.19	4.77	8.99		1	WG1121693
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.234	1.32		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.378	1.87		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	ND	ND		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.253	0.877		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	1.29	3.17		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.921	6.25		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	0.565	2.13		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.4*				WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	31.2	74.1	84.1	200		25	WG1122211
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	49.2	157		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	2.46	12.8		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.579	1.80		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.599	1.24		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	3.43	17.7		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	23.6	81.3		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	126	238	2180	4110		200	WG1122730
Ethylbenzene	100-41-4	106	5.00	21.7	102	440		25	WG1122211
4-Ethyltoluene	622-96-8	120	5.00	24.5	27.7	136		25	WG1122211
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.388	2.18		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.367	1.81		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	5.00	20.4	381	1560		25	WG1122211
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	5.00	17.6	102	361		25	WG1122211
Isopropylbenzene	98-82-8	120.20	0.200	0.983	20.7	102		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	6.00	20.8		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	38.1	112		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	5.96	24.4		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	15.8	57.0		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	6.36	33.3		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	23.1	56.7		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.54	10.5		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	40.0	151	954	3590		200	WG1122730
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	5.55	29.7		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	5.00	24.5	106	522		25	WG1122211
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	30.0	147		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	5.00	23.4	390	1820		25	WG1122211
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	0.283	0.996		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	96.6	419		1	WG1121693
o-Xylene	95-47-6	106	5.00	21.7	151	654		25	WG1122211
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*121*				WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.8*				WG1122211
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.8*				WG1122730

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	43.4	103		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	2.84	9.07		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.558	1.15		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	1.87	6.45		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	15.8	29.8	176	332		25	WG1122211
Ethylbenzene	100-41-4	106	0.200	0.867	5.65	24.5		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	5.22	25.6		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.274	1.54		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.387	1.92		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	27.1	111		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	5.12	18.0		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.994	4.89		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.546	1.90		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	3.50	10.3		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	2.54	10.4		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	36.3	89.3		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	15.6	45.9		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	42.3	159		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	0.347	1.86		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	6.22	30.5		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	1.73	8.50		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	14.7	68.8		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	20.8	90.0		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	8.19	35.5		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.3*				WG1122211

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	10.9	25.9		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	1.24	3.95		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.494	1.02		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	15.8	29.8	151	284		25	WG1122211
Ethylbenzene	100-41-4	106	0.200	0.867	1.51	6.53		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.52	7.47		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.700	3.93		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.391	1.93		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	4.51	18.5		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	2.32	8.16		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.280	1.38		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.354	1.23		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	0.503	2.06		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	10.6	26.0		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	0.304	1.29		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	12.1	45.7		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.77	8.70		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.511	2.51		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	3.88	18.1		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	5.74	24.9		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	2.13	9.22		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.1*				WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.2*				WG1122211

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	11.3	26.7		1	WG1121693
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121693
Benzene	71-43-2	78.10	0.200	0.639	1.38	4.40		1	WG1121693
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121693
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121693
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121693
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121693
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121693
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121693
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121693
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121693
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121693
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121693
Chloromethane	74-87-3	50.50	0.200	0.413	0.477	0.985		1	WG1121693
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121693
Cyclohexane	110-82-7	84.20	0.200	0.689	0.723	2.49		1	WG1121693
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121693
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121693
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121693
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121693
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121693
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121693
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121693
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121693
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121693
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121693
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121693
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121693
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121693
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121693
Ethanol	64-17-5	46.10	15.8	29.8	177	333		25	WG1122211
Ethylbenzene	100-41-4	106	0.200	0.867	1.64	7.11		1	WG1121693
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.68	8.26		1	WG1121693
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	1.06	5.98		1	WG1121693
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.377	1.86		1	WG1121693
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121693
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121693
Heptane	142-82-5	100	0.200	0.818	5.63	23.0		1	WG1121693
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121693
n-Hexane	110-54-3	86.20	0.200	0.705	2.44	8.60		1	WG1121693
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.317	1.56		1	WG1121693
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.225	0.780		1	WG1121693
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121693
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.27	3.73		1	WG1121693
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121693
Methyl methacrylate	80-62-6	100.12	0.200	0.819	0.562	2.30		1	WG1121693
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121693
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121693
2-Propanol	67-63-0	60.10	1.25	3.07	8.85	21.7		1	WG1121693
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121693
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121693
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121693
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121693
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	4.27	12.6		1	WG1121693
Toluene	108-88-3	92.10	0.200	0.753	14.2	53.5		1	WG1121693
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121693

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121693
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121693
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121693
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.94	9.53		1	WG1121693
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.552	2.71		1	WG1121693
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	4.86	22.7		1	WG1121693
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121693
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121693
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121693
m&p-Xylene	1330-20-7	106	0.400	1.73	6.28	27.2		1	WG1121693
o-Xylene	95-47-6	106	0.200	0.867	2.35	10.2		1	WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.5*				WG1121693
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.4*				WG1122211

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	5.07	12.1		1	WG1121755
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121755
Benzene	71-43-2	78.10	0.200	0.639	0.826	2.64		1	WG1121755
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121755
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121755
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121755
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121755
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121755
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121755
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121755
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121755
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121755
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121755
Chloromethane	74-87-3	50.50	0.200	0.413	0.388	0.802		1	WG1121755
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121755
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121755
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121755
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121755
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121755
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121755
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121755
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121755
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121755
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121755
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121755
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121755
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121755
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121755
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121755
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121755
Ethanol	64-17-5	46.10	0.630	1.19	39.1	73.6		1	WG1121755
Ethylbenzene	100-41-4	106	0.200	0.867	0.698	3.03		1	WG1121755
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.233	1.14		1	WG1121755
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.242	1.36		1	WG1121755
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.232	1.15		1	WG1121755
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121755
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121755
Heptane	142-82-5	100	0.200	0.818	1.97	8.04		1	WG1121755
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121755
n-Hexane	110-54-3	86.20	0.200	0.705	2.59	9.12		1	WG1121755
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121755
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.296	1.03		1	WG1121755
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121755
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121755
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121755
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121755
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121755
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121755
2-Propanol	67-63-0	60.10	1.25	3.07	3.10	7.62		1	WG1121755
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121755
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121755
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121755
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121755
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.432	1.27		1	WG1121755
Toluene	108-88-3	92.10	0.200	0.753	6.17	23.2		1	WG1121755
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121755
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121755
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121755
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.850	4.17		1	WG1121755
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.247	1.21		1	WG1121755
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	1.92	8.95		1	WG1121755
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121755
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121755
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121755
m&p-Xylene	1330-20-7	106	0.400	1.73	2.55	11.0		1	WG1121755
o-Xylene	95-47-6	106	0.200	0.867	0.967	4.19		1	WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.1*				WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	5.41	12.8		1	WG1121755
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121755
Benzene	71-43-2	78.10	0.200	0.639	0.826	2.64		1	WG1121755
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121755
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121755
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121755
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121755
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121755
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121755
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121755
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121755
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121755
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121755
Chloromethane	74-87-3	50.50	0.200	0.413	0.376	0.776		1	WG1121755
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121755
Cyclohexane	110-82-7	84.20	0.200	0.689	0.402	1.38		1	WG1121755
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121755
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121755
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121755
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121755
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121755
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121755
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121755
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121755
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121755
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121755
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121755
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121755
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121755
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121755
Ethanol	64-17-5	46.10	0.630	1.19	41.0	77.2		1	WG1121755
Ethylbenzene	100-41-4	106	0.200	0.867	0.774	3.36		1	WG1121755
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.255	1.25		1	WG1121755
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.273	1.54		1	WG1121755
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.240	1.18		1	WG1121755
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121755
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121755
Heptane	142-82-5	100	0.200	0.818	1.81	7.41		1	WG1121755
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121755
n-Hexane	110-54-3	86.20	0.200	0.705	1.49	5.24		1	WG1121755
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121755
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1121755
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121755
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121755
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121755
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121755
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121755
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121755
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1121755
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121755
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121755
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121755
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.72	11.7		1	WG1121755
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.589	1.74		1	WG1121755
Toluene	108-88-3	92.10	0.200	0.753	6.70	25.2		1	WG1121755
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121755
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121755
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121755
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.931	4.57		1	WG1121755
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.247	1.21		1	WG1121755
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	1.81	8.44		1	WG1121755
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121755
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121755
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121755
m&p-Xylene	1330-20-7	106	0.400	1.73	2.78	12.0		1	WG1121755
o-Xylene	95-47-6	106	0.200	0.867	1.06	4.57		1	WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.5*				WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	7.78	18.5		1	WG1121755
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121755
Benzene	71-43-2	78.10	0.200	0.639	1.24	3.96		1	WG1121755
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121755
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121755
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121755
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121755
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121755
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121755
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121755
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121755
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121755
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121755
Chloromethane	74-87-3	50.50	0.200	0.413	0.434	0.896		1	WG1121755
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121755
Cyclohexane	110-82-7	84.20	0.200	0.689	0.623	2.15		1	WG1121755
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121755
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121755
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121755
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121755
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121755
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121755
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121755
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121755
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121755
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121755
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121755
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121755
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121755
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121755
Ethanol	64-17-5	46.10	0.630	1.19	30.0	56.5		1	WG1121755
Ethylbenzene	100-41-4	106	0.200	0.867	1.58	6.83		1	WG1121755
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.415	2.04		1	WG1121755
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.220	1.24		1	WG1121755
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.243	1.20		1	WG1121755
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121755
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121755
Heptane	142-82-5	100	0.200	0.818	5.85	23.9		1	WG1121755
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121755
n-Hexane	110-54-3	86.20	0.200	0.705	2.32	8.17		1	WG1121755
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.330	1.62		1	WG1121755
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.227	0.788		1	WG1121755
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121755
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121755
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121755
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121755
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121755
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121755
2-Propanol	67-63-0	60.10	1.25	3.07	2.05	5.04		1	WG1121755
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121755
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121755
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121755
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121755
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.465	1.37		1	WG1121755
Toluene	108-88-3	92.10	0.200	0.753	14.7	55.3		1	WG1121755
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121755
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121755
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121755
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.59	7.81		1	WG1121755
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.423	2.07		1	WG1121755
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	5.09	23.8		1	WG1121755
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121755
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121755
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121755
m&p-Xylene	1330-20-7	106	0.400	1.73	5.85	25.4		1	WG1121755
o-Xylene	95-47-6	106	0.200	0.867	2.21	9.59		1	WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.6*				WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	7.43	17.7		1	WG1121755
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121755
Benzene	71-43-2	78.10	0.200	0.639	1.19	3.82		1	WG1121755
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121755
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121755
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121755
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121755
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121755
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121755
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121755
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121755
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121755
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121755
Chloromethane	74-87-3	50.50	0.200	0.413	0.443	0.914		1	WG1121755
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121755
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121755
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121755
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121755
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121755
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121755
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121755
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121755
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121755
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121755
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121755
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121755
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121755
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121755
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121755
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121755
Ethanol	64-17-5	46.10	0.630	1.19	23.6	44.5		1	WG1121755
Ethylbenzene	100-41-4	106	0.200	0.867	1.37	5.96		1	WG1121755
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.371	1.82		1	WG1121755
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.222	1.25		1	WG1121755
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.238	1.18		1	WG1121755
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121755
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121755
Heptane	142-82-5	100	0.200	0.818	4.71	19.3		1	WG1121755
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121755
n-Hexane	110-54-3	86.20	0.200	0.705	2.18	7.70		1	WG1121755
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.266	1.31		1	WG1121755
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1121755
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121755
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121755
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121755
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121755
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121755
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121755
2-Propanol	67-63-0	60.10	1.25	3.07	1.48	3.63		1	WG1121755
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121755
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121755
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121755
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121755
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.446	1.31		1	WG1121755
Toluene	108-88-3	92.10	0.200	0.753	12.1	45.4		1	WG1121755
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121755
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121755
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121755
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.37	6.73		1	WG1121755
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.382	1.88		1	WG1121755
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	4.03	18.8		1	WG1121755
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121755
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121755
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121755
m&p-Xylene	1330-20-7	106	0.400	1.73	5.00	21.7		1	WG1121755
o-Xylene	95-47-6	106	0.200	0.867	1.88	8.14		1	WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.7*				WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	15.8	37.5		1	WG1121755
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121755
Benzene	71-43-2	78.10	0.200	0.639	0.804	2.57		1	WG1121755
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121755
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121755
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121755
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121755
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121755
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.252	0.784		1	WG1121755
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121755
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121755
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121755
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121755
Chloromethane	74-87-3	50.50	0.200	0.413	0.512	1.06		1	WG1121755
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121755
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121755
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121755
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121755
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121755
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121755
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121755
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121755
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121755
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121755
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121755
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121755
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121755
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121755
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121755
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121755
Ethanol	64-17-5	46.10	126	238	535	1010		200	WG1122211
Ethylbenzene	100-41-4	106	0.200	0.867	0.240	1.04		1	WG1121755
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1121755
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.982	5.52		1	WG1121755
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.245	1.21		1	WG1121755
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121755
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121755
Heptane	142-82-5	100	0.200	0.818	0.495	2.02		1	WG1121755
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121755
n-Hexane	110-54-3	86.20	0.200	0.705	0.473	1.67		1	WG1121755
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121755
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1121755
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121755
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	3.26	9.60		1	WG1121755
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121755
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121755
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121755
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121755
2-Propanol	67-63-0	60.10	1.25	3.07	1.37	3.36		1	WG1121755
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121755
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121755
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121755
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121755
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	8.91	26.3		1	WG1121755
Toluene	108-88-3	92.10	0.200	0.753	1.80	6.79		1	WG1121755
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121755
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121755
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121755
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.495	2.43		1	WG1121755
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121755
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.349	1.63		1	WG1121755
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121755
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121755
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121755
m&p-Xylene	1330-20-7	106	0.400	1.73	0.884	3.83		1	WG1121755
o-Xylene	95-47-6	106	0.200	0.867	0.386	1.67		1	WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.3*				WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.9*				WG1122211

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	5.17	12.3		1	WG1121755
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121755
Benzene	71-43-2	78.10	0.200	0.639	0.717	2.29		1	WG1121755
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121755
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121755
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121755
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121755
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121755
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121755
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121755
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121755
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121755
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121755
Chloromethane	74-87-3	50.50	0.200	0.413	0.373	0.771		1	WG1121755
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121755
Cyclohexane	110-82-7	84.20	0.200	0.689	0.328	1.13		1	WG1121755
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121755
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121755
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121755
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121755
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121755
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121755
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121755
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121755
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121755
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121755
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121755
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121755
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121755
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121755
Ethanol	64-17-5	46.10	0.630	1.19	9.80	18.5		1	WG1121755
Ethylbenzene	100-41-4	106	0.200	0.867	0.441	1.91		1	WG1121755
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1121755
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1121755
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.258	1.27		1	WG1121755
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121755
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121755
Heptane	142-82-5	100	0.200	0.818	0.438	1.79		1	WG1121755
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121755
n-Hexane	110-54-3	86.20	0.200	0.705	1.22	4.29		1	WG1121755
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121755
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1121755
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121755
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121755
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121755
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121755
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121755
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121755
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1121755
Propene	115-07-1	42.10	0.400	0.689	0.671	1.16		1	WG1121755
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121755
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121755
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121755
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.223	0.657		1	WG1121755
Toluene	108-88-3	92.10	0.200	0.753	2.94	11.1		1	WG1121755
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121755
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121755
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121755
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.541	2.66		1	WG1121755
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121755
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.556	2.60		1	WG1121755
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121755
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121755
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121755
m&p-Xylene	1330-20-7	106	0.400	1.73	1.53	6.65		1	WG1121755
o-Xylene	95-47-6	106	0.200	0.867	0.594	2.58		1	WG1121755
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.5*				WG1121755

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	6.10	14.5		1	WG1121682
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121682
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1121682
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121682
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121682
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121682
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121682
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121682
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121682
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121682
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121682
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121682
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121682
Chloromethane	74-87-3	50.50	0.200	0.413	0.487	1.01		1	WG1121682
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121682
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1121682
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121682
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121682
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121682
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121682
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121682
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121682
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121682
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121682
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121682
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121682
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121682
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121682
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121682
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121682
Ethanol	64-17-5	46.10	0.630	1.19	6.51	12.3		1	WG1121682
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1121682
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1121682
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.247	1.39		1	WG1121682
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.367	1.82		1	WG1121682
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121682
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121682
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1121682
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121682
n-Hexane	110-54-3	86.20	0.200	0.705	0.239	0.844		1	WG1121682
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121682
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.241	0.837		1	WG1121682
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121682
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121682
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121682
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121682
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121682
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121682
2-Propanol	67-63-0	60.10	1.25	3.07	2.88	7.08		1	WG1121682
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1121682
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121682
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121682
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121682
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.637	1.88		1	WG1121682
Toluene	108-88-3	92.10	0.200	0.753	0.566	2.13		1	WG1121682
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121682

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121682
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121682
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121682
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.204	1.00		1	WG1121682
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121682
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1121682
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121682
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121682
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121682
m&p-Xylene	1330-20-7	106	0.400	1.73	0.452	1.96		1	WG1121682
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1121682
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1121682

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	6.79	16.1		1	WG1121682
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121682
Benzene	71-43-2	78.10	0.200	0.639	0.630	2.01		1	WG1121682
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121682
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121682
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121682
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121682
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121682
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121682
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121682
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121682
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121682
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121682
Chloromethane	74-87-3	50.50	0.200	0.413	0.560	1.16		1	WG1121682
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121682
Cyclohexane	110-82-7	84.20	0.200	0.689	0.484	1.67		1	WG1121682
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121682
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121682
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121682
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121682
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121682
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121682
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121682
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121682
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121682
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121682
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121682
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121682
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121682
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121682
Ethanol	64-17-5	46.10	0.630	1.19	25.9	48.8		1	WG1121682
Ethylbenzene	100-41-4	106	0.200	0.867	0.431	1.87		1	WG1121682
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1121682
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.269	1.51		1	WG1121682
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.373	1.84		1	WG1121682
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121682
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121682
Heptane	142-82-5	100	0.200	0.818	0.597	2.44		1	WG1121682
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121682
n-Hexane	110-54-3	86.20	0.200	0.705	1.49	5.25		1	WG1121682
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121682
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.344	1.20		1	WG1121682
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121682
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121682
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121682
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121682
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121682
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121682
2-Propanol	67-63-0	60.10	1.25	3.07	4.03	9.91		1	WG1121682
Propene	115-07-1	42.10	0.400	0.689	2.37	4.08		1	WG1121682
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121682
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121682
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1121682
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.586	1.73		1	WG1121682
Toluene	108-88-3	92.10	0.200	0.753	3.33	12.5		1	WG1121682
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121682

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121682
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121682
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1121682
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.527	2.58		1	WG1121682
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1121682
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.640	2.99		1	WG1121682
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121682
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121682
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121682
m&p-Xylene	1330-20-7	106	0.400	1.73	1.61	6.97		1	WG1121682
o-Xylene	95-47-6	106	0.200	0.867	0.571	2.48		1	WG1121682
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1121682

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	3.38	8.02		1	WG1121682
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1121682
Benzene	71-43-2	78.10	0.200	0.639	1.18	3.76		1	WG1121682
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1121682
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1121682
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1121682
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1121682
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1121682
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1121682
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1121682
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1121682
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1121682
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1121682
Chloromethane	74-87-3	50.50	0.200	0.413	0.591	1.22		1	WG1121682
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1121682
Cyclohexane	110-82-7	84.20	0.200	0.689	0.674	2.32		1	WG1121682
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1121682
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1121682
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1121682
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1121682
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1121682
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1121682
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1121682
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1121682
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1121682
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1121682
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1121682
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1121682
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1121682
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1121682
Ethanol	64-17-5	46.10	0.630	1.19	22.7	42.8		1	WG1121682
Ethylbenzene	100-41-4	106	0.200	0.867	0.771	3.34		1	WG1121682
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1121682
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.246	1.38		1	WG1121682
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.370	1.83		1	WG1121682
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1121682
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1121682
Heptane	142-82-5	100	0.200	0.818	1.01	4.13		1	WG1121682
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1121682
n-Hexane	110-54-3	86.20	0.200	0.705	2.61	9.20		1	WG1121682
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1121682
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.252	0.876		1	WG1121682
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1121682
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1121682
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1121682
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1121682
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1121682
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1121682
2-Propanol	67-63-0	60.10	1.25	3.07	2.35	5.77		1	WG1121682
Propene	115-07-1	42.10	0.400	0.689	0.619	1.07		1	WG1121682
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1121682
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1121682
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.670	4.55		1	WG1121682
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.619	1.83		1	WG1121682
Toluene	108-88-3	92.10	0.200	0.753	5.47	20.6		1	WG1121682
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1121682

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1121682
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1121682
Trichloroethylene	79-01-6	131	0.200	1.07	0.461	2.47		1	WG1121682
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.991	4.86		1	WG1121682
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.277	1.36		1	WG1121682
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	1.10	5.15		1	WG1121682
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1121682
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1121682
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1121682
m&p-Xylene	1330-20-7	106	0.400	1.73	2.86	12.4		1	WG1121682
o-Xylene	95-47-6	106	0.200	0.867	0.999	4.33		1	WG1121682
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1121682

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	14.0	33.3		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.525	1.08		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	0.208	0.717		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	7.56	14.3		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.246	1.38		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.343	1.69		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	0.323	1.14		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.218	0.757		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	2.45	6.03		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.259	0.765		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	0.972	3.66		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.267	1.31		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	0.917	3.98		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.352	1.53		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	17.2	41.0		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	0.933	2.98		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.619	1.28		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	0.621	2.14		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	41.2	77.6		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	0.634	2.75		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.278	1.56		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.384	1.90		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	0.887	3.63		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	2.02	7.12		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.574	1.99		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.51	7.41		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	9.71	23.9		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	0.221	0.942		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	4.77	18.0		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.736	3.61		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.204	1.00		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.831	3.88		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	2.33	10.1		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.848	3.68		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	8.59	20.4		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.619	1.28		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	0.564	1.94		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	8.28	15.6		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.258	1.45		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.347	1.72		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	ND	ND		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.219	0.759		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	2.34	5.76		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	1.14	4.28		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	7.79	18.5		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	0.610	1.95		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.582	1.20		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	0.378	1.30		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	29.7	56.1		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	0.398	1.72		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.251	1.41		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.350	1.73		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	0.465	1.90		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	1.20	4.23		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	3.05	7.50		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	0.632	1.09		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	2.83	10.7		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.532	2.61		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.496	2.32		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	1.44	6.22		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.501	2.17		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	23.3	55.4		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	0.992	3.17		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.213	0.663		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.786	1.62		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	252	475	937	1770		400	WG1122730
Ethylbenzene	100-41-4	106	0.200	0.867	0.397	1.72		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	1.23	6.91		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.365	1.81		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	0.913	3.73		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	0.855	3.01		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	3.91	11.5		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	2.40	5.90		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	12.4	36.5		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	2.93	11.1		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.717	3.52		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.739	3.45		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	1.54	6.66		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.598	2.59		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.9*				WG1122730

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	8.38	19.9		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	0.797	2.55		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.585	1.21		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	0.682	2.35		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	28.7	54.1		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	0.522	2.26		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.259	1.46		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.363	1.79		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	0.747	3.05		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	1.72	6.08		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.729	2.53		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	4.83	11.9		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.784	2.31		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	4.36	16.4		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.639	3.14		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.755	3.53		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	1.92	8.33		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.690	2.99		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	7.91	18.8		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	0.224	0.716		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.592	1.22		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	24.7	46.6		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.257	1.44		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.354	1.75		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	0.390	1.38		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.53	7.47		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	1.63	4.80		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	0.945	3.56		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.250	1.22		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.215	1.01		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	0.585	2.54		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.215	0.933		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	7.67	18.2		1	WG1122160
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1122160
Benzene	71-43-2	78.10	0.200	0.639	0.536	1.71		1	WG1122160
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1122160
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1122160
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1122160
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1122160
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1122160
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1122160
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1122160
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1122160
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1122160
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1122160
Chloromethane	74-87-3	50.50	0.200	0.413	0.556	1.15		1	WG1122160
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1122160
Cyclohexane	110-82-7	84.20	0.200	0.689	0.231	0.795		1	WG1122160
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1122160
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1122160
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1122160
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1122160
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1122160
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1122160
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1122160
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1122160
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1122160
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1122160
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1122160
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1122160
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1122160
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1122160
Ethanol	64-17-5	46.10	0.630	1.19	20.1	38.0		1	WG1122160
Ethylbenzene	100-41-4	106	0.200	0.867	0.375	1.62		1	WG1122160
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1122160
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.283	1.59		1	WG1122160
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.382	1.89		1	WG1122160
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1122160
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1122160
Heptane	142-82-5	100	0.200	0.818	0.406	1.66		1	WG1122160
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1122160
n-Hexane	110-54-3	86.20	0.200	0.705	0.996	3.51		1	WG1122160
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1122160
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1122160
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1122160
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1122160
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1122160
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1122160
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1122160
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1122160
2-Propanol	67-63-0	60.10	1.25	3.07	2.41	5.93		1	WG1122160
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1122160
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1122160
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1122160
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1122160
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1122160
Toluene	108-88-3	92.10	0.200	0.753	2.24	8.45		1	WG1122160
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1122160

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1122160
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1122160
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1122160
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.496	2.43		1	WG1122160
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1122160
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.543	2.54		1	WG1122160
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1122160
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1122160
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1122160
m&p-Xylene	1330-20-7	106	0.400	1.73	1.50	6.52		1	WG1122160
o-Xylene	95-47-6	106	0.200	0.867	0.548	2.38		1	WG1122160
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1122160

Method Blank (MB)

(MB) R3316633-3 06/08/18 09:58

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3316633-3 06/08/18 09:58

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	0.131	J	0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*101*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316633-1 06/08/18 08:36 • (LCSD) R3316633-2 06/08/18 09:16

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	4.06	3.79	108	101	52.0-158			6.88	25
Propene	3.75	4.08	3.93	109	105	54.0-155			3.83	25
Dichlorodifluoromethane	3.75	4.14	4.08	110	109	69.0-143			1.46	25
1,2-Dichlorotetrafluoroethane	3.75	4.01	3.89	107	104	70.0-130			2.99	25
Chloromethane	3.75	4.08	3.93	109	105	70.0-130			3.73	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316633-1 06/08/18 08:36 • (LCSD) R3316633-2 06/08/18 09:16

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	4.09	3.61	109	96.4	70.0-130			12.4	25
1,3-Butadiene	3.75	4.08	3.48	109	92.9	70.0-130			15.9	25
Bromomethane	3.75	4.09	3.40	109	90.7	70.0-130			18.2	25
Chloroethane	3.75	4.06	3.38	108	90.2	70.0-130			18.3	25
Trichlorofluoromethane	3.75	4.06	3.46	108	92.2	70.0-130			16.0	25
1,1,2-Trichlorotrifluoroethane	3.75	4.05	3.91	108	104	70.0-130			3.52	25
1,1-Dichloroethene	3.75	4.13	3.95	110	105	70.0-130			4.48	25
1,1-Dichloroethane	3.75	4.06	3.96	108	106	70.0-130			2.25	25
Acetone	3.75	4.05	3.86	108	103	70.0-130			4.64	25
2-Propanol	3.75	4.26	4.35	114	116	66.0-150			2.04	25
Carbon disulfide	3.75	4.00	3.87	107	103	70.0-130			3.25	25
Methylene Chloride	3.75	3.95	3.78	105	101	70.0-130			4.40	25
MTBE	3.75	4.16	4.07	111	109	70.0-130			2.17	25
trans-1,2-Dichloroethene	3.75	4.08	3.94	109	105	70.0-130			3.49	25
n-Hexane	3.75	4.21	4.06	112	108	70.0-130			3.56	25
Vinyl acetate	3.75	4.31	4.27	115	114	70.0-130			0.983	25
Methyl Ethyl Ketone	3.75	4.06	4.12	108	110	70.0-130			1.28	25
cis-1,2-Dichloroethene	3.75	3.97	3.92	106	105	70.0-130			1.17	25
Chloroform	3.75	3.92	3.93	105	105	70.0-130			0.245	25
Cyclohexane	3.75	3.96	3.92	106	105	70.0-130			1.00	25
1,1,1-Trichloroethane	3.75	4.04	4.06	108	108	70.0-130			0.332	25
Carbon tetrachloride	3.75	4.09	4.10	109	109	70.0-130			0.264	25
Benzene	3.75	3.93	3.88	105	103	70.0-130			1.28	25
1,2-Dichloroethane	3.75	4.00	3.98	107	106	70.0-130			0.512	25
Heptane	3.75	4.24	4.18	113	111	70.0-130			1.56	25
Trichloroethylene	3.75	3.95	3.92	105	104	70.0-130			0.864	25
1,2-Dichloropropane	3.75	3.97	3.96	106	106	70.0-130			0.286	25
1,4-Dioxane	3.75	4.02	4.37	107	117	70.0-152			8.31	25
Bromodichloromethane	3.75	3.98	4.01	106	107	70.0-130			0.600	25
cis-1,3-Dichloropropene	3.75	4.01	4.01	107	107	70.0-130			0.0741	25
4-Methyl-2-pentanone (MIBK)	3.75	4.23	4.35	113	116	70.0-142			2.73	25
Toluene	3.75	4.02	4.10	107	109	70.0-130			1.84	25
trans-1,3-Dichloropropene	3.75	4.02	4.12	107	110	70.0-130			2.64	25
1,1,2-Trichloroethane	3.75	3.97	4.08	106	109	70.0-130			2.66	25
Tetrachloroethylene	3.75	4.02	4.14	107	110	70.0-130			2.76	25
Methyl Butyl Ketone	3.75	4.37	4.59	117	123	70.0-150			4.96	25
Dibromochloromethane	3.75	3.96	4.15	106	111	70.0-130			4.50	25
1,2-Dibromoethane	3.75	3.94	4.10	105	109	70.0-130			3.83	25
Chlorobenzene	3.75	3.96	4.14	105	110	70.0-130			4.60	25
Ethylbenzene	3.75	4.07	4.11	109	110	70.0-130			0.896	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316633-1 06/08/18 08:36 • (LCSD) R3316633-2 06/08/18 09:16

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	8.49	8.62	113	115	70.0-130			1.60	25
o-Xylene	3.75	4.06	4.17	108	111	70.0-130			2.50	25
Styrene	3.75	4.11	4.23	110	113	70.0-130			2.72	25
Bromoform	3.75	4.16	4.31	111	115	70.0-130			3.62	25
1,1,2,2-Tetrachloroethane	3.75	3.94	4.14	105	110	70.0-130			5.12	25
4-Ethyltoluene	3.75	4.17	4.44	111	118	70.0-130			6.17	25
1,3,5-Trimethylbenzene	3.75	4.18	4.43	111	118	70.0-130			5.86	25
1,2,4-Trimethylbenzene	3.75	4.18	4.44	111	118	70.0-130			5.99	25
1,3-Dichlorobenzene	3.75	4.12	4.38	110	117	70.0-130			6.04	25
1,4-Dichlorobenzene	3.75	4.35	4.64	116	124	70.0-130			6.35	25
Benzyl Chloride	3.75	4.27	4.58	114	122	70.0-144			7.09	25
1,2-Dichlorobenzene	3.75	4.05	4.32	108	115	70.0-130			6.52	25
1,2,4-Trichlorobenzene	3.75	4.11	4.17	110	111	70.0-155			1.33	25
Hexachloro-1,3-butadiene	3.75	4.13	4.12	110	110	70.0-145			0.364	25
Naphthalene	3.75	4.04	4.10	108	109	70.0-155			1.28	25
Allyl Chloride	3.75	4.25	4.04	113	108	70.0-130			5.15	25
2-Chlorotoluene	3.75	4.19	4.39	112	117	70.0-130			4.71	25
Methyl Methacrylate	3.75	4.04	4.17	108	111	70.0-130			3.00	25
Tetrahydrofuran	3.75	4.14	4.14	110	110	70.0-140			0.0404	25
2,2,4-Trimethylpentane	3.75	4.23	4.22	113	112	70.0-130			0.425	25
Vinyl Bromide	3.75	4.04	3.47	108	92.6	70.0-130			15.1	25
Isopropylbenzene	3.75	4.21	4.36	112	116	70.0-130			3.31	25
(S) 1,4-Bromofluorobenzene				*102*	*107*	*60.0-140*				

Method Blank (MB)

(MB) R3316630-3 06/08/18 10:13

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3316630-3 06/08/18 10:13

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*95.9*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316630-1 06/08/18 08:41 • (LCSD) R3316630-2 06/08/18 09:26

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.37	3.42	89.8	91.3	52.0-158			1.68	25
Propene	3.75	3.96	3.93	105	105	54.0-155			0.655	25
Dichlorodifluoromethane	3.75	4.24	4.26	113	114	69.0-143			0.317	25
1,2-Dichlorotetrafluoroethane	3.75	4.01	4.02	107	107	70.0-130			0.305	25
Chloromethane	3.75	4.00	4.03	107	107	70.0-130			0.762	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316630-1 06/08/18 08:41 • (LCSD) R3316630-2 06/08/18 09:26

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	3.99	4.00	106	107	70.0-130			0.253	25
1,3-Butadiene	3.75	3.71	3.95	99.0	105	70.0-130			6.16	25
Bromomethane	3.75	4.38	4.38	117	117	70.0-130			0.157	25
Chloroethane	3.75	4.06	3.97	108	106	70.0-130			2.12	25
Trichlorofluoromethane	3.75	4.00	3.98	107	106	70.0-130			0.433	25
1,1,2-Trichlorotrifluoroethane	3.75	4.02	4.00	107	107	70.0-130			0.493	25
1,1-Dichloroethene	3.75	3.88	3.85	103	103	70.0-130			0.791	25
1,1-Dichloroethane	3.75	3.83	3.81	102	102	70.0-130			0.343	25
Acetone	3.75	3.61	3.70	96.4	98.7	70.0-130			2.42	25
2-Propanol	3.75	3.78	3.76	101	100	66.0-150			0.592	25
Carbon disulfide	3.75	3.85	3.86	103	103	70.0-130			0.322	25
Methylene Chloride	3.75	3.66	3.67	97.7	97.9	70.0-130			0.193	25
MTBE	3.75	3.85	3.83	103	102	70.0-130			0.450	25
trans-1,2-Dichloroethene	3.75	3.82	3.80	102	101	70.0-130			0.473	25
n-Hexane	3.75	3.75	3.72	100	99.3	70.0-130			0.858	25
Vinyl acetate	3.75	3.93	4.02	105	107	70.0-130			2.51	25
Methyl Ethyl Ketone	3.75	3.90	3.89	104	104	70.0-130			0.329	25
cis-1,2-Dichloroethene	3.75	3.82	3.79	102	101	70.0-130			0.548	25
Chloroform	3.75	3.87	3.87	103	103	70.0-130			0.0166	25
Cyclohexane	3.75	3.91	3.88	104	103	70.0-130			0.691	25
1,1,1-Trichloroethane	3.75	3.91	3.92	104	105	70.0-130			0.322	25
Carbon tetrachloride	3.75	3.96	3.94	105	105	70.0-130			0.283	25
Benzene	3.75	3.90	3.87	104	103	70.0-130			0.879	25
1,2-Dichloroethane	3.75	3.88	3.87	104	103	70.0-130			0.284	25
Heptane	3.75	3.78	3.81	101	102	70.0-130			0.840	25
Trichloroethylene	3.75	3.91	3.91	104	104	70.0-130			0.0483	25
1,2-Dichloropropane	3.75	3.86	3.82	103	102	70.0-130			0.796	25
1,4-Dioxane	3.75	3.88	3.93	103	105	70.0-152			1.38	25
Bromodichloromethane	3.75	3.94	3.92	105	105	70.0-130			0.409	25
cis-1,3-Dichloropropene	3.75	3.96	3.94	106	105	70.0-130			0.619	25
4-Methyl-2-pentanone (MIBK)	3.75	3.90	3.87	104	103	70.0-142			0.813	25
Toluene	3.75	3.99	3.97	106	106	70.0-130			0.377	25
trans-1,3-Dichloropropene	3.75	4.07	4.05	109	108	70.0-130			0.562	25
1,1,2-Trichloroethane	3.75	3.97	3.96	106	106	70.0-130			0.345	25
Tetrachloroethylene	3.75	4.05	4.04	108	108	70.0-130			0.161	25
Methyl Butyl Ketone	3.75	4.10	4.08	109	109	70.0-150			0.368	25
Dibromochloromethane	3.75	4.07	4.07	109	109	70.0-130			0.0107	25
1,2-Dibromoethane	3.75	4.05	4.06	108	108	70.0-130			0.0585	25
Chlorobenzene	3.75	4.08	4.06	109	108	70.0-130			0.496	25
Ethylbenzene	3.75	4.05	4.03	108	107	70.0-130			0.556	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316630-1 06/08/18 08:41 • (LCSD) R3316630-2 06/08/18 09:26

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	8.15	8.13	109	108	70.0-130			0.285	25
o-Xylene	3.75	4.06	4.05	108	108	70.0-130			0.190	25
Styrene	3.75	4.20	4.17	112	111	70.0-130			0.788	25
Bromoform	3.75	4.20	4.21	112	112	70.0-130			0.0864	25
1,1,2,2-Tetrachloroethane	3.75	4.02	4.00	107	107	70.0-130			0.381	25
4-Ethyltoluene	3.75	4.21	4.19	112	112	70.0-130			0.568	25
1,3,5-Trimethylbenzene	3.75	4.22	4.21	113	112	70.0-130			0.218	25
1,2,4-Trimethylbenzene	3.75	4.19	4.15	112	111	70.0-130			0.808	25
1,3-Dichlorobenzene	3.75	4.36	4.33	116	115	70.0-130			0.677	25
1,4-Dichlorobenzene	3.75	4.51	4.48	120	120	70.0-130			0.543	25
Benzyl Chloride	3.75	4.49	4.44	120	118	70.0-144			1.22	25
1,2-Dichlorobenzene	3.75	4.26	4.24	114	113	70.0-130			0.618	25
1,2,4-Trichlorobenzene	3.75	4.00	3.93	107	105	70.0-155			1.86	25
Hexachloro-1,3-butadiene	3.75	4.30	4.27	115	114	70.0-145			0.624	25
Naphthalene	3.75	4.03	3.93	108	105	70.0-155			2.56	25
Allyl Chloride	3.75	3.77	3.74	101	99.8	70.0-130			0.766	25
2-Chlorotoluene	3.75	4.19	4.17	112	111	70.0-130			0.494	25
Methyl Methacrylate	3.75	3.81	3.78	102	101	70.0-130			0.754	25
Tetrahydrofuran	3.75	3.69	3.67	98.4	97.9	70.0-140			0.496	25
2,2,4-Trimethylpentane	3.75	3.83	3.82	102	102	70.0-130			0.448	25
Vinyl Bromide	3.75	3.96	3.94	106	105	70.0-130			0.498	25
Isopropylbenzene	3.75	4.09	4.09	109	109	70.0-130			0.0743	25
(S) 1,4-Bromofluorobenzene				*101*	*101*	*60.0-140*				

Method Blank (MB)

(MB) R3316658-2 06/08/18 10:39

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	0.0657	J	0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3316658-2 06/08/18 10:39

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	0.180	J	0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*90.7*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316658-1 06/08/18 09:48 • (LCSD) R3316658-3 06/08/18 11:28

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.01	3.01	80.3	80.2	52.0-158			0.117	25
Propene	3.75	2.91	2.90	77.7	77.3	54.0-155			0.536	25
Dichlorodifluoromethane	3.75	2.84	2.87	75.7	76.6	69.0-143			1.19	25
1,2-Dichlorotetrafluoroethane	3.75	3.64	3.64	97.0	97.1	70.0-130			0.143	25
Chloromethane	3.75	3.04	3.04	81.1	81.0	70.0-130			0.0872	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316658-1 06/08/18 09:48 • (LCSD) R3316658-3 06/08/18 11:28

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	3.13	3.12	83.6	83.1	70.0-130			0.527	25
1,3-Butadiene	3.75	2.75	2.75	73.3	73.4	70.0-130			0.0140	25
Bromomethane	3.75	3.48	3.48	92.9	92.7	70.0-130			0.186	25
Chloroethane	3.75	3.24	3.28	86.4	87.4	70.0-130			1.11	25
Trichlorofluoromethane	3.75	3.41	3.45	90.8	91.9	70.0-130			1.13	25
1,1,2-Trichlorotrifluoroethane	3.75	3.59	3.62	95.7	96.6	70.0-130			0.916	25
1,1-Dichloroethene	3.75	3.14	3.15	83.8	84.1	70.0-130			0.360	25
1,1-Dichloroethane	3.75	3.25	3.25	86.7	86.7	70.0-130			0.0158	25
Acetone	3.75	3.03	2.98	80.8	79.5	70.0-130			1.61	25
2-Propanol	3.75	3.16	3.12	84.2	83.2	66.0-150			1.15	25
Carbon disulfide	3.75	3.49	3.50	93.1	93.2	70.0-130			0.174	25
Methylene Chloride	3.75	3.01	3.01	80.4	80.3	70.0-130			0.0992	25
MTBE	3.75	3.33	3.33	88.7	88.7	70.0-130			0.0224	25
trans-1,2-Dichloroethene	3.75	3.54	3.51	94.3	93.7	70.0-130			0.702	25
n-Hexane	3.75	3.21	3.19	85.5	85.0	70.0-130			0.597	25
Vinyl acetate	3.75	3.21	3.17	85.5	84.4	70.0-130			1.29	25
Methyl Ethyl Ketone	3.75	3.48	3.48	92.7	92.9	70.0-130			0.195	25
cis-1,2-Dichloroethene	3.75	3.34	3.30	89.1	88.1	70.0-130			1.09	25
Chloroform	3.75	3.36	3.35	89.6	89.4	70.0-130			0.266	25
Cyclohexane	3.75	3.47	3.47	92.6	92.5	70.0-130			0.118	25
1,1,1-Trichloroethane	3.75	3.32	3.33	88.6	88.9	70.0-130			0.321	25
Carbon tetrachloride	3.75	3.43	3.46	91.6	92.2	70.0-130			0.652	25
Benzene	3.75	3.49	3.44	93.2	91.6	70.0-130			1.69	25
1,2-Dichloroethane	3.75	3.10	3.10	82.7	82.7	70.0-130			0.0211	25
Heptane	3.75	2.97	2.93	79.1	78.3	70.0-130			1.07	25
Trichloroethylene	3.75	3.55	3.48	94.6	92.8	70.0-130			1.89	25
1,2-Dichloropropane	3.75	3.32	3.29	88.5	87.6	70.0-130			1.01	25
1,4-Dioxane	3.75	3.75	3.82	99.9	102	70.0-152			1.99	25
Bromodichloromethane	3.75	3.44	3.41	91.7	91.1	70.0-130			0.700	25
cis-1,3-Dichloropropene	3.75	3.51	3.49	93.5	93.2	70.0-130			0.307	25
4-Methyl-2-pentanone (MIBK)	3.75	3.18	3.10	84.7	82.6	70.0-142			2.55	25
Toluene	3.75	3.58	3.54	95.5	94.3	70.0-130			1.28	25
trans-1,3-Dichloropropene	3.75	3.48	3.46	92.9	92.2	70.0-130			0.740	25
1,1,2-Trichloroethane	3.75	3.60	3.58	95.9	95.5	70.0-130			0.434	25
Tetrachloroethylene	3.75	3.79	3.78	101	101	70.0-130			0.394	25
Methyl Butyl Ketone	3.75	3.30	3.23	88.0	86.1	70.0-150			2.10	25
Dibromochloromethane	3.75	3.71	3.68	98.8	98.0	70.0-130			0.823	25
1,2-Dibromoethane	3.75	3.63	3.58	96.8	95.4	70.0-130			1.47	25
Chlorobenzene	3.75	3.49	3.47	93.1	92.6	70.0-130			0.508	25
Ethylbenzene	3.75	3.54	3.51	94.4	93.6	70.0-130			0.895	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316658-1 06/08/18 09:48 • (LCSD) R3316658-3 06/08/18 11:28

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	6.87	6.82	91.6	91.0	70.0-130			0.667	25
o-Xylene	3.75	3.51	3.49	93.7	93.0	70.0-130			0.718	25
Styrene	3.75	3.71	3.69	99.0	98.5	70.0-130			0.515	25
Bromoform	3.75	3.94	3.88	105	104	70.0-130			1.55	25
1,1,2,2-Tetrachloroethane	3.75	3.51	3.46	93.5	92.3	70.0-130			1.23	25
4-Ethyltoluene	3.75	3.61	3.59	96.4	95.8	70.0-130			0.601	25
1,3,5-Trimethylbenzene	3.75	3.56	3.53	94.9	94.1	70.0-130			0.858	25
1,2,4-Trimethylbenzene	3.75	3.54	3.50	94.4	93.4	70.0-130			0.977	25
1,3-Dichlorobenzene	3.75	3.85	3.85	103	103	70.0-130			0.0219	25
1,4-Dichlorobenzene	3.75	3.79	3.78	101	101	70.0-130			0.143	25
Benzyl Chloride	3.75	3.81	3.77	102	100	70.0-144			1.19	25
1,2-Dichlorobenzene	3.75	3.76	3.73	100	99.4	70.0-130			0.923	25
1,2,4-Trichlorobenzene	3.75	5.11	5.03	136	134	70.0-155			1.46	25
Hexachloro-1,3-butadiene	3.75	4.09	4.02	109	107	70.0-145			1.79	25
Naphthalene	3.75	4.81	4.61	128	123	70.0-155			4.24	25
Allyl Chloride	3.75	2.99	2.96	79.6	78.8	70.0-130			1.03	25
2-Chlorotoluene	3.75	3.45	3.42	91.9	91.1	70.0-130			0.881	25
Methyl Methacrylate	3.75	3.46	3.48	92.1	92.8	70.0-130			0.725	25
Tetrahydrofuran	3.75	2.95	2.92	78.8	77.9	70.0-140			1.09	25
2,2,4-Trimethylpentane	3.75	3.17	3.17	84.6	84.6	70.0-130			0.0444	25
Vinyl Bromide	3.75	3.68	3.74	98.0	99.8	70.0-130			1.75	25
Isopropylbenzene	3.75	3.62	3.58	96.5	95.5	70.0-130			1.01	25
(S) 1,4-Bromofluorobenzene				*94.3*	*94.6*	*60.0-140*				

Method Blank (MB)

(MB) R3316804-2 06/09/18 09:52

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3316804-2 06/09/18 09:52

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	0.123	J	0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*102*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316804-1 06/09/18 09:10 • (LCSD) R3316804-3 06/09/18 10:33

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.98	3.84	106	102	52.0-158			3.59	25
Propene	3.75	4.23	4.05	113	108	54.0-155			4.45	25
Dichlorodifluoromethane	3.75	4.27	4.25	114	113	69.0-143			0.596	25
1,2-Dichlorotetrafluoroethane	3.75	4.17	4.10	111	109	70.0-130			1.76	25
Chloromethane	3.75	4.17	4.08	111	109	70.0-130			2.14	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316804-1 06/09/18 09:10 • (LCSD) R3316804-3 06/09/18 10:33

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	4.09	3.83	109	102	70.0-130			6.55	25
1,3-Butadiene	3.75	3.99	3.72	106	99.1	70.0-130			6.98	25
Bromomethane	3.75	4.03	3.85	107	103	70.0-130			4.63	25
Chloroethane	3.75	3.97	3.70	106	98.8	70.0-130			6.89	25
Trichlorofluoromethane	3.75	4.13	3.93	110	105	70.0-130			5.05	25
1,1,2-Trichlorotrifluoroethane	3.75	4.16	4.14	111	110	70.0-130			0.601	25
1,1-Dichloroethene	3.75	4.24	4.14	113	110	70.0-130			2.37	25
1,1-Dichloroethane	3.75	4.15	4.10	111	109	70.0-130			1.34	25
Acetone	3.75	4.08	4.03	109	107	70.0-130			1.30	25
2-Propanol	3.75	4.26	4.34	114	116	66.0-150			1.84	25
Carbon disulfide	3.75	4.12	4.00	110	107	70.0-130			2.88	25
Methylene Chloride	3.75	3.97	3.96	106	106	70.0-130			0.251	25
MTBE	3.75	4.23	4.21	113	112	70.0-130			0.397	25
trans-1,2-Dichloroethene	3.75	4.17	4.13	111	110	70.0-130			1.06	25
n-Hexane	3.75	4.22	4.19	113	112	70.0-130			0.669	25
Vinyl acetate	3.75	4.36	4.35	116	116	70.0-130			0.259	25
Methyl Ethyl Ketone	3.75	4.12	4.20	110	112	70.0-130			1.73	25
cis-1,2-Dichloroethene	3.75	4.08	4.01	109	107	70.0-130			1.62	25
Chloroform	3.75	4.11	4.09	110	109	70.0-130			0.330	25
Cyclohexane	3.75	4.08	4.09	109	109	70.0-130			0.124	25
1,1,1-Trichloroethane	3.75	4.21	4.20	112	112	70.0-130			0.0904	25
Carbon tetrachloride	3.75	4.27	4.25	114	113	70.0-130			0.476	25
Benzene	3.75	4.04	4.01	108	107	70.0-130			0.760	25
1,2-Dichloroethane	3.75	4.16	4.20	111	112	70.0-130			0.922	25
Heptane	3.75	4.28	4.27	114	114	70.0-130			0.245	25
Trichloroethylene	3.75	4.06	4.05	108	108	70.0-130			0.277	25
1,2-Dichloropropane	3.75	4.04	4.07	108	108	70.0-130			0.715	25
1,4-Dioxane	3.75	4.11	4.25	109	113	70.0-152			3.36	25
Bromodichloromethane	3.75	4.09	4.15	109	111	70.0-130			1.45	25
cis-1,3-Dichloropropene	3.75	4.12	4.07	110	109	70.0-130			1.26	25
4-Methyl-2-pentanone (MIBK)	3.75	4.27	4.32	114	115	70.0-142			1.09	25
Toluene	3.75	4.14	4.16	110	111	70.0-130			0.352	25
trans-1,3-Dichloropropene	3.75	4.18	4.23	111	113	70.0-130			1.36	25
1,1,2-Trichloroethane	3.75	4.07	4.10	109	109	70.0-130			0.682	25
Tetrachloroethylene	3.75	4.18	4.26	112	114	70.0-130			1.86	25
Methyl Butyl Ketone	3.75	4.45	4.53	119	121	70.0-150			1.76	25
Dibromochloromethane	3.75	4.10	4.21	109	112	70.0-130			2.59	25
1,2-Dibromoethane	3.75	4.07	4.15	109	111	70.0-130			1.79	25
Chlorobenzene	3.75	4.09	4.18	109	111	70.0-130			2.12	25
Ethylbenzene	3.75	4.22	4.24	113	113	70.0-130			0.437	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316804-1 06/09/18 09:10 • (LCSD) R3316804-3 06/09/18 10:33

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	8.85	8.93	118	119	70.0-130			0.819	25
o-Xylene	3.75	4.22	4.31	112	115	70.0-130			2.11	25
Styrene	3.75	4.25	4.31	113	115	70.0-130			1.55	25
Bromoform	3.75	4.35	4.42	116	118	70.0-130			1.62	25
1,1,2,2-Tetrachloroethane	3.75	4.05	4.13	108	110	70.0-130			1.95	25
4-Ethyltoluene	3.75	4.32	4.50	115	120	70.0-130			4.14	25
1,3,5-Trimethylbenzene	3.75	4.34	4.41	116	118	70.0-130			1.49	25
1,2,4-Trimethylbenzene	3.75	4.31	4.44	115	118	70.0-130			2.88	25
1,3-Dichlorobenzene	3.75	4.30	4.42	115	118	70.0-130			2.84	25
1,4-Dichlorobenzene	3.75	4.51	4.67	120	124	70.0-130			3.45	25
Benzyl Chloride	3.75	4.44	4.55	118	121	70.0-144			2.46	25
1,2-Dichlorobenzene	3.75	4.24	4.37	113	117	70.0-130			3.12	25
1,2,4-Trichlorobenzene	3.75	4.38	4.34	117	116	70.0-155			0.931	25
Hexachloro-1,3-butadiene	3.75	4.35	4.35	116	116	70.0-145			0.0649	25
Naphthalene	3.75	4.29	4.27	114	114	70.0-155			0.511	25
Allyl Chloride	3.75	4.30	4.31	115	115	70.0-130			0.242	25
2-Chlorotoluene	3.75	4.35	4.46	116	119	70.0-130			2.35	25
Methyl Methacrylate	3.75	4.12	4.21	110	112	70.0-130			2.25	25
Tetrahydrofuran	3.75	4.14	4.13	111	110	70.0-140			0.419	25
2,2,4-Trimethylpentane	3.75	4.28	4.28	114	114	70.0-130			0.144	25
Vinyl Bromide	3.75	4.05	3.88	108	104	70.0-130			4.23	25
Isopropylbenzene	3.75	4.38	4.46	117	119	70.0-130			1.62	25
(S) 1,4-Bromofluorobenzene				*104*	*105*	*60.0-140*				

Method Blank (MB)

(MB) R3316803-2 06/09/18 10:32

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Heptane	U		0.0626	0.200
n-Hexane	U		0.0457	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*89.7*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316803-1 06/09/18 09:41 • (LCSD) R3316803-3 06/09/18 11:23

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	2.96	3.03	78.9	80.7	52.0-158			2.27	25
Acetone	3.75	3.14	3.05	83.8	81.2	70.0-130			3.16	25
n-Hexane	3.75	3.29	3.25	87.7	86.6	70.0-130			1.26	25
Heptane	3.75	3.06	3.00	81.6	80.0	70.0-130			1.92	25
Ethylbenzene	3.75	3.62	3.59	96.6	95.6	70.0-130			1.04	25
o-Xylene	3.75	3.59	3.53	95.7	94.2	70.0-130			1.61	25
4-Ethyltoluene	3.75	3.68	3.64	98.2	97.0	70.0-130			1.27	25
1,2,4-Trimethylbenzene	3.75	3.60	3.54	95.9	94.3	70.0-130			1.69	25
2,2,4-Trimethylpentane	3.75	3.26	3.21	87.0	85.6	70.0-130			1.58	25
(S) 1,4-Bromofluorobenzene				*94.0*	*94.6*	*60.0-140*				

Method Blank (MB)

(MB) R3316968-3 06/11/18 10:35

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Toluene	U		0.0499	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*94.9*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3316968-1 06/11/18 09:03 • (LCSD) R3316968-2 06/11/18 09:48

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.31	3.49	88.4	93.0	52.0-158			5.11	25
Toluene	3.75	4.23	4.31	113	115	70.0-130			1.95	25
(S) 1,4-Bromofluorobenzene				*100*	*99.5*	*60.0-140*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

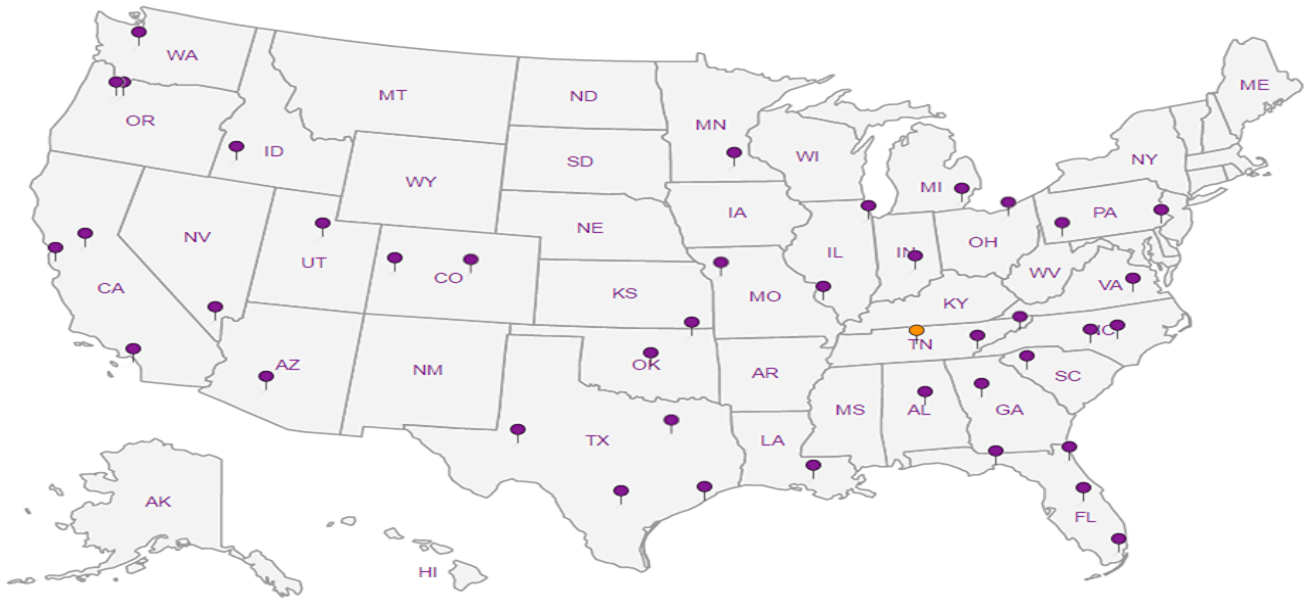
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



Company Name/Address: Leader Professional Services, Inc. 271 Marsh Road, Suite 2 Pittsford, New York 14534	Billing Information: Leader Professional Services, Inc. Attn: Geoff Demarse 271 Marsh Road, Suite 2 Pittsford, New York 14534
Report to: Evan Dumrese	Email To: edumrese@leaderlink.com
Project Description: Flint & Exchange Street BCP#C828193	City/State Collected: Rochester, New York
Phone: 585-248-2413 Fax: 585-248-2834 — Client Project # 900.003	Lab Project #
Collected by (print): E. Dumrese — Site/Facility ID # C828193	P.O. # 900.003
Collected by (signature):	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%
	Date Results Needed: Standard Turnaround Time Email? ___No ✓Yes FAX? ✓No ___Yes Canister Pressure/Vacuum

Analysis: USEPA Method TO-15

Chain of Custody Page 1 of 3

ESC LABORATORIES — a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 999860

Table # M057

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Regulator #	Can #	Date	Time	Initial	Final	Time	Rem./Contaminant	Sample # (lab only)
8305	Indoor Air	8305	8305	6/5/18	7:48	-26.0	-2.0	14:30		
7792	Indoor Air	7792	7792	6/5/18	7:50	-29.0	-7.5	15:52		
7509	Indoor Air	7509	7509	6/5/18	7:52	-29.0	-5.0	14:46		
5366	Indoor Air	5366	5366	6/5/18	7:54	-29.0	-7.0	15:53		
7521	Indoor Air	7521	7521	6/5/18	7:56	-27.0	-2.5	14:48		
7416	Indoor Air	7416	7416	6/5/18	7:55	-29.5	-0.5	14:09		
6464	Indoor Air	6464	6464	6/5/18	7:12	-27.5	-5.0	13:11		
5695	Indoor Air	5695	5695	6/5/18	7:58	-30.0	-5.5	16:04		
6991	Indoor Air	6991	6991	6/5/18	7:43	-30.0	-6.5	15:55		
8665	Indoor Air	8665	8665	6/5/18	7:40	-29.0	-1.0	13:31		

Remarks: Category B Analytical Data Package Needed or an Electronic Data Deliverable Package for Submission to the NYSDEC.

Hold #

Relinquished by : (Signature)	Date: 6/6/18	Time: 12:15	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____		Condition: (lab use only)
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Amb °C	Bottles Received: 20	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6/7/18	Time: 0845	pH Checked: NCF: X

Company Name/Address:
Leader Professional Services, Inc.
271 Marsh Road, Suite 2
Pittsford, New York 14534

Billing Information:
Leader Professional Services, Inc.
Attn: Geoff Demarse
271 Marsh Road, Suite 2
Pittsford, New York 14534

Analysis

Chain of Custody Page 2 of 3

ESC LAB SCIENCES
a subsidiary of Pace National
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 99986

Report to: Evan Dumrese

Email To: edumrese@leaderlink.com

Project Description: Flint & Exchange Street BCP#C828193

City/State Collected: Rochester, New York

Phone: 585-248-2413
Fax: 585-248-2834

Client Project # 900.003

Lab Project #

Table #

Collected by (print): E. Dumrese

Site/Facility ID # C828193

P.O. # 900.003

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: Standard Turnaround Time

Email? ___No ✓Yes
FAX? ✓No ___Yes

Canister Pressure/Vacuum

Sample ID	Sample Description	Regulator #	Can #	Date	Time	Initial	Final	Time	USEPA Method TO-15				Rem./Contaminant	Sample # (lab only)
9198	Indoor Air	5554	9198	6/5/18	7:33	-28.5	-2.5	15:48	X					01
8921	Indoor Air	5661	8921	6/5/18	7:39	-28.0	-6.0	15:55	X					02
8565	Indoor Air	9161	8565	6/5/18	7:36	-28.0	-0.0	17:49	X					
5094	Indoor Air	6265	5094	6/5/18	7:16	-30.0	-2.0	14:22	X					04
7354	Indoor Air	9309	7354	6/5/18	7:23	-28.0	-0.5	17:09	X					05
6617	Indoor Air	5959	6617	6/5/18	7:20	-18.5	-0.5	17:06	X					06
7167	Indoor Air	6752	7167	6/5/18	7:09	-29.0	-0.5	17:08	X					07
5709	Indoor Air	7771	5709	6/5/18	7:11	-30.0	-2.5	17:55	X					08
6112	Indoor Air	5339	6112	6/5/18	7:27	-29.0	-4.0	15:22	X					09
8513	Indoor Air	7922	8513	6/5/18	7:08	-29.5	-2.5	14:28	X					10

Remarks: Category B Analytical Data Package Needed as an Electronic Data Deliverable Package for submission to NYSDEC

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
	6/6/18	12:18			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Amb °C Bottles Received: 20	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6/7/18 Time: 0895	pH Checked: NCF: X

Company Name/Address:
Leader Professional Services, Inc.
271 Marsh Road, Suite 2
Pittsford, New York 14534

Billing Information:
Leader Professional Services, Inc.
Attn: Geoff Demarse
271 Marsh Road, Suite 2
Pittsford, New York 14534

Report to: Evan Dumrese

Email To: edumrese@leaderlink.com

Project Description: Flint & Exchange Street BCP#C828193

City/State Collected: Rochester, New York

Phone: 585-248-2413
Fax: 585-248-2834

Client Project # 900.003

Lab Project #

Collected by (print): E. Dumrese

Site/Facility ID # C828193

P.O. # 900.003

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: Standard Turnaround Time

Email? ___No ✓Yes
FAX? ✓No ___Yes

Canister Pressure/Vacuum

Sample ID	Sample Description	Results #	Can #	Date	Time	Initial	Final	Time	Analysis: USEPA Method TO-15	Rem./Contaminant	Sample # (lab only)
8881	Indoor Air	5764	8881	6/5/18		-27.0	-0.5	17:41	x		11
6619	Indoor Air	5871	6619	6/5/18	7:25	-29.5	-7.0	15:45	x		12
7238	Indoor Air	6742	7238	6/5/18	7:19	-27.0	-5.0	15:29	x		13
7968	Indoor Air	5206	7968	6/5/18	7:21	-29.0	-0.0	17:46	x		14
5789	Indoor Air	5813	5789	6/5/18	7:15	-30.0	-5.0	15:26	x		15
9290	Indoor Air	5873	9290	6/5/18	7:17	-30.0	-4.5	15:30	x		16
7240	Indoor Air	5935	7240	6/5/18	7:27	-29.0	-7.0	15:40	x		17
5276	Indoor Air	7511	5276	6/5/18	7:29	-29.0	-2.0	13:43	x		18
7287	Indoor Air	5701	7287	6/5/18	7:11	-30.0	-5.0	15:10	x		19
5674	Indoor Air	5764	5674	6/5/18	7:46	-29.5	-1.0	14:11	x		20

Chain of Custody Page 3 of 3

ESC LABORATORIES
a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 999860

Table #

Acctnum:
Template:
Prelogin:
TSR:
PB:

Shipped Via:

Remarks: Category B Analytical Data Package Needed as an Electronic Data Deliverable Package for submission to NYSDEC

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	6/6/18	12:16	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Temp: 4.6 °C Bottles Received: 20

Date: 6/7/18 Time: 0843

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF: X

ESC LAB SCIENCES
Cooler Receipt Form

Client:	Leaderny	SDG#	499860
Cooler Received/Opened On: 6/7 /18		Temperature:	Amb
Received By: Eric Struck			
Signature:			

Receipt Check List	NP	Yes	No
	✓		
COC Signed / Accurate?		✓	
Bottles arrive intact?		✓	
Correct bottles used?		✓	
Sufficient volume sent?		✓	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

Matt Shacklock

ESC LAB SCIENCES
YOUR LAB OF CHOICE

Login #:999860	Client: LEADERPNY	Date:6/7	Evaluated by:Eric S

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time	x	Login Clarification Needed		**If Broken Container:**
	Improper temperature		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	Improper preservation		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Courie
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments:

1. **Didn't receive containers on first page**
2. **Received the following not on COC**
   a. **6853, 6223, 5098, 9174, 6511, 6531, 8960, 6630, 5798, 5280**

Client informed by:		Call		Email X		Voice Mail		Date: 6/8/18	Time:10:49am
TSR Initials: NM	Client Contact: Evan Dumrese								

Login Instructions:

2. Log all containers not on COC for TO-15

Company Name/Address:
Leader Professional Services, Inc.
271 Marsh Road, Suite 2
Pittsford, New York 14534

Billing Information:
Leader Professional Services, Inc.
Attn: Geoff Demarse
271 Marsh Road, Suite 2
Pittsford, New York 14534

Analysis: USEPA Method TO-15

Chain of Custody Page 1 of 3

ESC LABORATORIES
a subsidiary of Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Evan Dumrese

Email To: edumrese@leaderlink.com

Project Description: Flint & Exchange Street BCP#C828193

City/State Collected: Rochester, New York

Phone: 585-248-2413
Fax: 585-248-2834

Client Project # 900.003

Lab Project #

L#

Table #

Collected by (print): E. Dumrese

Site/Facility ID # C828193

P.O. # 900.003

Acctnum:
Template:
Prelogin:
TSR:
PB:

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Standard Turnaround Time

Email? ___No ✓Yes
FAX? ✓No ___Yes

Canister Pressure/Vacuum

Shipped Via:

Sample ID	Sample Description	Regulator #	(ED) Can #	Date	Time	Initial	Final	Time	Rem./Contaminant	Sample # (lab only)
8305	Indoor Air	8305	8305 5280	6/5/18	7:48	-26.0	-2.0	14:30		
7792	Indoor Air	7792	7792 6511	6/5/18	7:50	-29.0	-7.5	15:52		
7509	Indoor Air	7509	7509 6223	6/5/18	7:52	-29.0	-5.0	14:40		
5366	Indoor Air	5366	5366 5748	6/5/18	7:54	-29.0	-7.0	15:50		
7521	Indoor Air	7521	7521 8960	6/5/18	7:56	-27.0	-2.5	14:48		
7416	Indoor Air	7416	7416 5098	6/5/18	7:55	-29.5	-0.5	14:09		
6464	Indoor Air	6464	6464 6630	6/5/18	7:12	-27.5	-5.0	15:11		
5695	Indoor Air	5695	5695 6531	6/5/18	7:58	-30.0	-5.5	16:04		
6991	Indoor Air	6991	6991 6857	6/5/18	7:43	-30.0	-6.5	15:35		
8665	Indoor Air	8665	8665 9174	6/5/18	7:40	-29.0	-1.0	13:35		

Remarks: Category B Analytical Data Package Needed or an Electronic Data Deliverable Package for Submission to the NYSDEC.

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
	6/6/18	12:18			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

Appendix 2

NYSDOH Questionnaire and Product Inventory

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Evan Dunrose Date/Time Prepared 6/4/18/10:00 a.m.

Preparer's Affiliation Leader Professional Services Inc Phone No. 585-249-2413

Purpose of Investigation First Street - Soil Vapor Intrusion Investigation - BCP # C828193 (ICM Work Plan)

1. OCCUPANT:

Interviewed: Y

Last Name: Luke First Name: Stodola

Address: 936 Exchange St

County: Monroe

Home Phone: 585-708-3733 Office Phone: _____

Number of Occupants/persons at this location 30 Age of Occupants 20-60

2. OWNER OR LANDLORD: (Check if same as occupant ●)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential School (Commercial/Multi-use)
Industrial Church Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? N/A

If the property is commercial, type?

Business Type(s) Multiple businesses -- storage, art studio, offices, production

Does it include residences (i.e., multi-use)? Y. If yes, how many? _____

Other characteristics:

Number of floors 1-4 Building age built 1860s with additions over time

Is the building insulated? Y / N partially How air tight? Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with epoxy paint	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	N /			

Basement/Lowest level depth below grade: 5 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: electric

Boiler/furnace located in: Basement Outdoors Main Floor Other_____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Multiple systems, generally serving only one tenant each. Ducts in good condition.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)
Basement	workshop / storage
1st Floor	workshop / storage
2nd Floor	workshop / storage
3rd Floor	storage
4th Floor	storage

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?	Y /	
b. Does the garage have a separate heating unit?	/ NA	
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)	Y	Please specify trucks
d. Has the building ever had a fire?	/ N	When?
e. Is a kerosene or unvented gas space heater present?	/ N	Where?
f. Is there a workshop or hobby/craft area?	Y /	Type?
g. Is there smoking in the building?	/ N	How frequently?
h. Have cleaning products been used recently?	Y	When & Type? multiple types
i. Have cosmetic products been used recently?	N	When & Type?

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____

o. Is there a clothes dryer? / N

p. Has there been a pesticide application? / N

Are there odors in the building? Y

If yes, please describe: various occasional odors relating to building occupants (bikes, bread, hair products, etc.)

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? unknown

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Unknown

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water

Sewage Disposal: Public Sewer

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

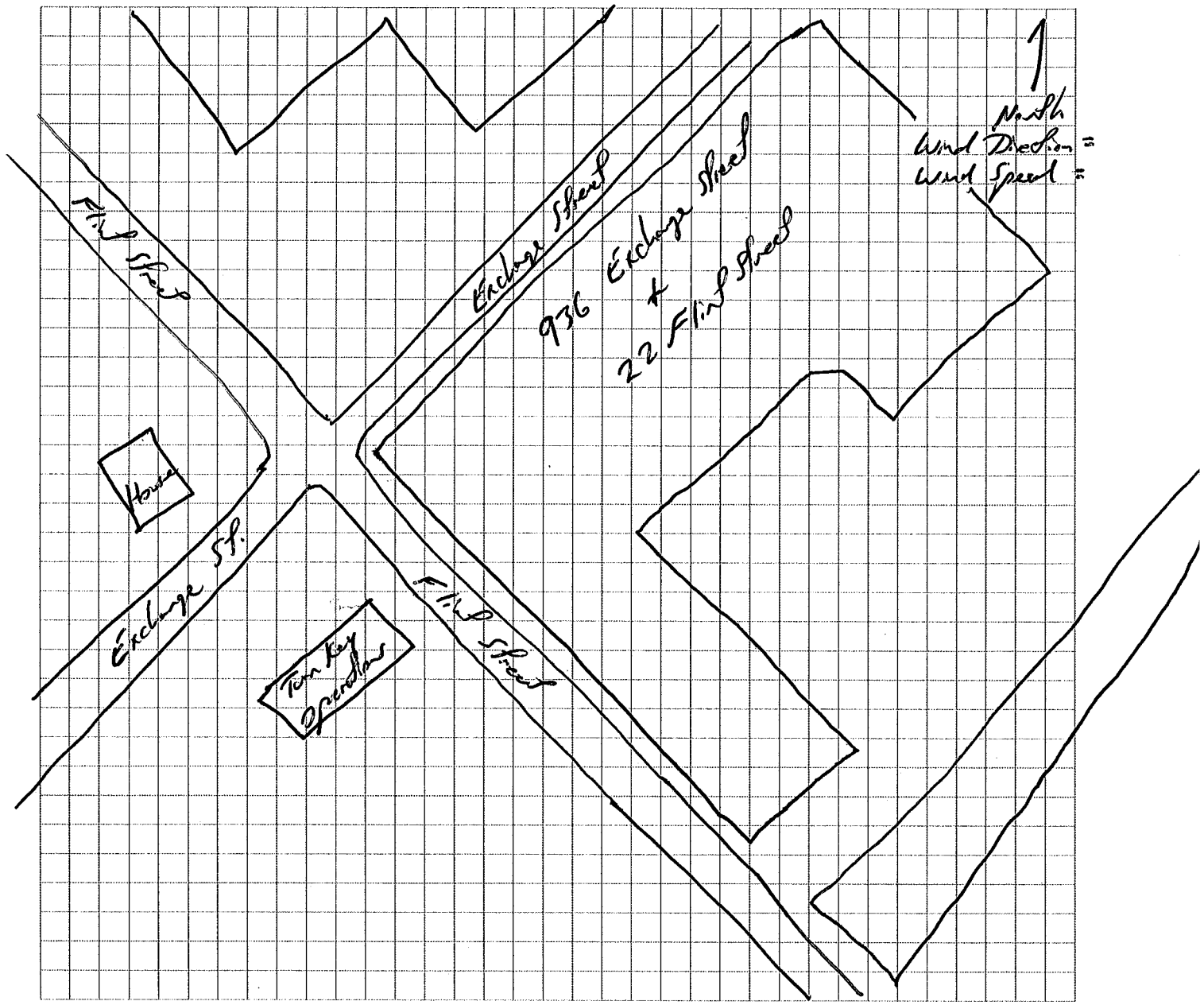
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

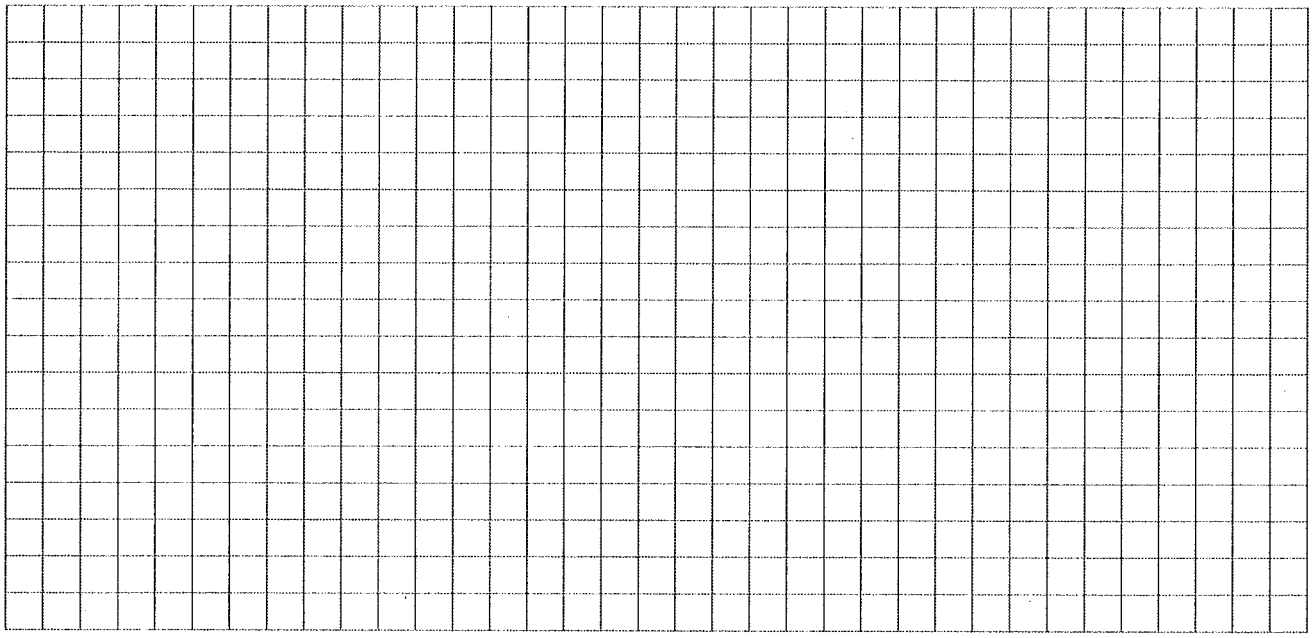
Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



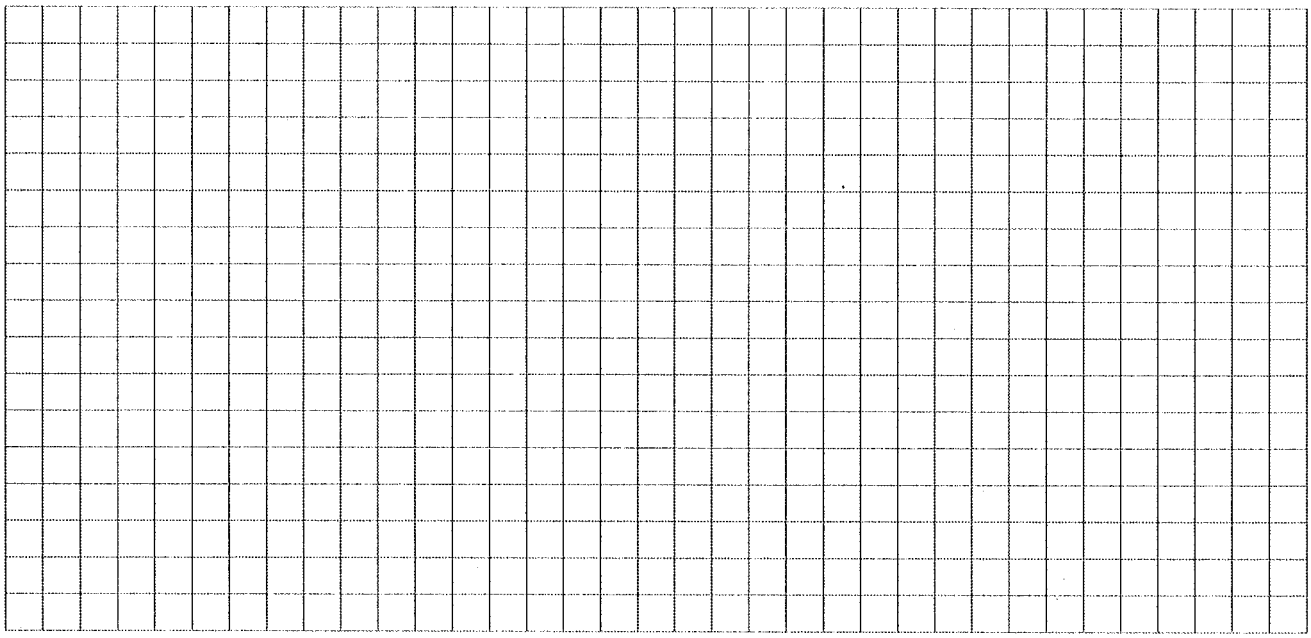
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor:



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: PPB RAE 3000 - RAE Systems

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units) (ppb)	Photo ** Y / N
Rm A100	Paint Can-Behr	1-Gallon	U		252	N
↓	Oatey PVC Cement	16 oz.	U		5,961	N
	Paint Cans	1-Gallon	U		107	Y
	55-Gallon Drums	8x 55-Gallons	U	Contains Various Fluid Liquids	96	Y
↓	Green Works by Clorox	2x 32 oz.	U		180	N
Western Hallway	Sakrete Concrete Bonder	1 Gallon	U		2,256	N
↓	Henry Black Roof Coating	2x 5-Gallon	U		674	N
	Propane Tank	20 lb.	U		1,400	N
	Lysol Toilet Cleaner	16 oz.	U		898	N
	Lysol Foam Cleaner	2x 24 oz.	U		871	N
	Paint Cans	1-Gallon	U		1,302	N
	Motor Oil	7x 1 qt	UO		1,520	N
	Great Stuff Foam	3x 16 oz.	U		762	N
	Klean Strip Paint Thinner	1-Gallon	U		935	N
	Marvel Air Tool Oil	4 oz.	U		668	N
	Z-inc Penetrant	4 oz.	U		569	N
	Sika Pro Adhesive	29 oz.	UO		584	N
↓	Liquid Nails	4x 10 oz.	U		542	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: PPB RAE 3000-RAE Systems

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units) ppb	Photo** Y / N
Bldg. D120	Fuel Cans	Various	U		0.0	Y
↓	Motor oil	Various	U		0.0	Y
Computer Repair	Goo Gone	24 oz.	U		0.0	N
↓	409 Cleaner	24 oz.	U		0.0	N
↓	Windex	3x gallon	U		0.0	N
Bldg. E	Carbon Paint Can	1-Gallon	U		0.0	N
↓	USG Joint Compound	2x 5-Gallon	U		3.0	N
B100	Sheetrock Compound	5-Gallon	U		75	N
↓	Goo Gone	12 oz.	U		102	N
↓	LA's Totally Awesome Kitchen Cleaner	40 oz.	U		104	N
↓	Zep Industrial Cleaner	1-Gallon	U		106	N
↓	Paint Cans	1-Gallon	U		110	Y
B108	Castle Shop Solv.	5x 16.5 oz.	U/UO	Background Upon →	13.08 ppm	N
↓	Turbo Action Penetrant Solvent	17 oz.	U	Opening Door	↓	N
↓	Spectra Clean Chain Lube	13.5 oz.	U	↓	↓	N
↓	Gasoline Can	5-Gallon	U	↓	↓	N
↓	Reliance Elite Fuel	2x 5-Gallon	U	↓	↓	Y
↓	CTLMA Brake Fluid	12 oz.	U	↓	↓	N
↓	Parts Washer	-	U	↓	↓	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: PPB RAE 3000 – RAE Systems

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units) ppb	Photo ** Y / N
B108	Permatex Anti-Seize	8oz.	U	Background 4ppm →	13.05ppm	Y
↓	Spectro Shock Fluid	2x 950 mL	U	Gravity Down	↓	Y
↓	CAM2 10W-40 Oil	1-Gallon	U	↓	↓	Y
↓	Bel-Ray Tool Lubricant	16oz.	U	↓	↓	Y
↓	Spectro Fork Oil	10K 1-Qt.	U	↓	↓	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MB RAE 3000 – RAE Systems

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units) ppb	Photo** Y / N
Rainbow Restoration	Red Relief – Pro's Choice	2x 16oz.	U	Laundry	231	Y
↓	Chemspec – Traffic Lane Cleaner – Bissell	2x1 Gallon	UO	Cleaning Room	412	Y
	Certified Traffic Spotter	1-Gallon	U	↓	1,006	↓
	Mafrix Fast Acting TLC	1-Gallon	UO		452	
	Mafrix Rust Eradicator	1-Liter	U		334	
	Champion Carpet Spot & Stain Remover	18 oz.	U		289	
	PC-45 Carpet Cleaner	1-Qt	U		456	
	Pro's Choice Carpet Cleaner	1-Gallon	U		384	
	Simoniz – Digest Carpet Cleaner	2x 1-Gallon	U		366	
	Hydro Master Odor Neutralizer	1 lb	U		350	
	Spotter RB – Coffee Stain Remover	2x 1 Qt	U		344	
	Mafrix – PS Stain Remover	1-Gallon	U		330	
	Hydro-Pro Carpet Cleaner	1-Gallon	U		409	
	New Concept Carpet Cleaner	1-Gallon	U		402	
	Rochester Midland Corp. – Disinfectant	53x 1-Gallon	UO		323	↓
	Fiberlock Technologies Shockwave Disinfectant	2x 1-Gallon	U		338	Y
	Star Industrial Products Disinfectant	1-Gallon	U		299	↓
	Rochester Midland Corp. Water Damage Restoration	13x 1-Gallon	UO		320	↓
↓	Odor X Un-duz-it odor control	7x 1-Gallon	UO	↓	684	Y

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ______________________________

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Rainbow Restoration	Rochester Midland Corp. Odor Control	6 x 1-Gallon	UO	Laundry Cleaning	342	Y
↓	Unsmoke Degreaser	16 x 1-Gallon	UO	Room	320	↓
↓	Beneficial Atomic Degreaser	6 x Gallon	UO	↓	304	↓
↓	Uni-~~Coat~~ Coral Anti-Freeze	8x 1 Gallon	UO	↓	257	↓
↓	Conco Bio... Disinfectant	1-Gallon	UO	↓	434	↓
↓	Odor X Leaf Resort	2x ...	UO	↓	286	↓
↓	Odor X Tobacco Odor Decon	4 x 1-Gallon	UO	↓	329	↓
↓	Genuine Unsmoke Odor Eliminator	10 x 1 Gallon	UO	↓	290	↓
↓	Stake Triple-O Cleaner	5 x 1 Gallon	UO	↓	269	↓
↓	Carpet Cleaner	24 oz.	U	↓	272	↓
↓	Rochester Midland Corp. Fuel Oil Cleaner	4 x 1 Gallon	UO	↓	290	↓
↓	Rochester Midland Corp. Fire & Contact Cleaner	7 x 1 Gallon	UO	↓	293	↓
↓	Jasco Mineral Spirits	1-Gallon	U	↓	2,455	↓
↓	Stake - Safety Solvent Degreaser	30 Gallon	U	↓	285	Y
↓	Fast Mold Removal Mold & Mildew Stain Remover	2-5 Gallon	U	↓	315	Y
East Porch	Gas Can	5-Gallon	U			N
Rainbow Restoration	Behr Latex Paint	5-Gallon	U		160	N
Rainbow Restoration	Various Latex Paints	6x 1 Gallon	U/UO		159	Y
Shop	Behr - Deck Stain Oil Based	1-Gallon	U		202	Y

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13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: ____________________

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Rainbow Restoration	ProChem Ultrapure Trafficlean	8oz. 3x	U		130	Y
Shop	Bissell Carpet Cleaner	16 oz.	U		159	Y
	Various Degreasers	6 x 32oz.	D		140	Y
	Chemical Technologies Inter. Nat. Fiber Cleaner	6 x 12oz.	UO		182	Y
	Viper Venom Tile & Grout Cleaner	6 x 1 Gallon	UO		170	Y
	UGL Drylok Paint	8-gallon	U		137	Y
	Roberts Sheet Vinyl Adhesive	2x 1-Gallon	U		134	
	Traffic Master Stainproof Carpet	1-Gallon	U		139	
	Various Charcoal Starter	1-2 ft	U		231	
	Level Wrench Hydraulic Jack Oil	1-2	U		139	
	WD-40	16 oz	D		134	
	Off Repellent	8 oz.	U		132	
	Clean 'N Strike Salt Solution Pusher	4oz.	U		151	
	Perma Guard Mold Mildew Sealer	5-gal.	U		134	
	Richard's Acrylic Urethane Varnish	5-gal	UO		138	
	Bad Axe MMR	2.5 gal.	U		144	N
	USG Sheet Rock Compound	6x 5-gallon	U		140	N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.