APPENDIX C
LABORATORY ANALYSIS REPORTS

CHEMTECH

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 4125-4149 LACONIA AVE BRONX, NY

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : J6262

ATTENTION : Frank Galdun

Table Of Contents for J6262

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Cover Page

Order ID : J6262

Project ID : 4125-4149 Laconia Ave Bronx, NY

Client : GFE LLC

Lab Sample Number	Client Sample Number
J6262-01	IA1
J6262-02	IA2
J6262-03	SV1
J6262-04	SV2
J6262-05	IA3
J6262-06	IA4
J6262-07	OA1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

APPROVED Date: 12/17/2018

By Mildred V Reyes, QAQC Supervisor at 11:24 am, Dec 18, 2018

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

GFE LLC
Project Name: 4125-4149 Laconia Ave Bronx, NY
Project # N/A
Chemtech Project # J6262
Test Name: TO-15

A. Number of Samples and Date of Receipt:
7 Air samples were received on 12/06/2018.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator.The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD for {J6262-01DUP} with File ID: VL032935.D recoveries met criteria except for Benzene[20.3%] .

The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

Samples SV1, SV2 was diluted Due to potential high concentration of target analytes , samples were initially analyzed at a dilution.

Samples IA1, IA2, SV1, SV1DL, SV2, IA3 and IA4 were diluted due to high concentrations.

E. Additional Comments:

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The samples SV1 was screened for high target compounds. Due to the high concentration of Tetrachloroethene the samples was not analyzed at a lower dilution.

F. Manual Integration Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 11:24 am, Dec 18, 2018

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: J6262

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

1st Level QA Review Signature: SHREENA PATEL **Date:** 12/17/2018

2nd Level QA Review Signature Mildred V Reyes

APPROVED
By Mildred V Reyes, QAQC Supervisor at 11:24 am, Dec 18, 2018

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Hit Summary Sheet
SW-846

SDG No.: J6262

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**IA1**								
J6262-01	IA1	Air	Dichlorodifluoromethane	1.04	J	0.1	0.49	2.47	ug/m3
J6262-01	IA1	Air	Chloromethane	1.57		0.04	0.21	1.03	ug/m3
J6262-01	IA1	Air	Trichlorofluoromethane	1.46	J	0.11	0.56	2.81	ug/m3
J6262-01	IA1	Air	Heptane	1.68	J	0.04	0.41	2.05	ug/m3
J6262-01	IA1	Air	Acetone	51.80	E	0.05	0.24	1.19	ug/m3
J6262-01	IA1	Air	Methylene Chloride	8.34		0.14	0.35	1.74	ug/m3
J6262-01	IA1	Air	Cyclohexane	0.86	J	0.07	0.34	1.72	ug/m3
J6262-01	IA1	Air	2-Butanone	5.90		0.06	0.29	1.47	ug/m3
J6262-01	IA1	Air	Carbon Tetrachloride	0.50		0.06	0.19	0.19	ug/m3
J6262-01	IA1	Air	cis-1,2-Dichloroethene	0.71	J	0.08	0.4	1.98	ug/m3
J6262-01	IA1	Air	Chloroform	0.54	J	0.1	0.49	2.44	ug/m3
J6262-01	IA1	Air	2,2,4-Trimethylpentane	1.68	J	0.05	0.47	2.34	ug/m3
J6262-01	IA1	Air	Benzene	0.99	J	0.03	0.32	1.6	ug/m3
J6262-01	IA1	Air	Trichloroethene	2.42		0.11	0.16	0.16	ug/m3
J6262-01	IA1	Air	Toluene	37.70		0.08	0.38	1.88	ug/m3
J6262-01	IA1	Air	Tetrachloroethene	21.70		0.14	0.2	0.2	ug/m3
J6262-01	IA1	Air	Ethyl Benzene	0.83	J	0.04	0.43	2.17	ug/m3
J6262-01	IA1	Air	m/p-Xylene	3.00	J	0.17	0.87	4.34	ug/m3
J6262-01	IA1	Air	o-Xylene	1.09	J	0.09	0.43	2.17	ug/m3
J6262-01	IA1	Air	1,3,5-Trimethylbenzene	0.69	J	0.1	0.49	2.46	ug/m3
J6262-01	IA1	Air	1,2,4-Trimethylbenzene	2.26	J	0.1	0.49	2.46	ug/m3
J6262-01	IA1	Air	Naphthalene	0.94	J	0.21	0.52	2.62	ug/m3
J6262-01	IA1	Air	4-Ethyltoluene	0.84	J	0.1	0.49	2.46	ug/m3
J6262-01	IA1	Air	Hexane	20.80		0.04	0.35	1.76	ug/m3
J6262-01	IA1	Air	Methyl Methacrylate	12.70		0.08	0.41	2.05	ug/m3
			Total Voc :	182.04					
			Total Concentration:	182.04					
Client ID:	**IA1DL**								
J6262-01DL	IA1DL	Air	Acetone	52.70	D	0.57	2.38	11.9	ug/m3
J6262-01DL	IA1DL	Air	2-Butanone	5.01	JD	0.44	2.95	14.8	ug/m3
J6262-01DL	IA1DL	Air	Tetrachloroethene	17.00	D	1.22	2.03	2.03	ug/m3
J6262-01DL	IA1DL	Air	Hexane	21.80	D	0.42	3.52	17.6	ug/m3
			Total Voc :	96.51					
			Total Concentration:	96.51					
Client ID:	**IA2**								
J6262-02	IA2	Air	Dichlorodifluoromethane	0.89	J	0.1	0.49	2.47	ug/m3
J6262-02	IA2	Air	Chloromethane	1.38		0.04	0.21	1.03	ug/m3

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Hit Summary Sheet
SW-846

SDG No.: J6262

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
J6262-02	IA2	Air	Trichlorofluoromethane	1.85	J	0.11	0.56	2.81	ug/m3
J6262-02	IA2	Air	Heptane	2.38		0.04	0.41	2.05	ug/m3
J6262-02	IA2	Air	Acetone	113.00	E	0.05	0.24	1.19	ug/m3
J6262-02	IA2	Air	Carbon Disulfide	0.40	J	0.06	0.31	1.56	ug/m3
J6262-02	IA2	Air	Methylene Chloride	6.60		0.14	0.35	1.74	ug/m3
J6262-02	IA2	Air	Cyclohexane	1.20	J	0.07	0.34	1.72	ug/m3
J6262-02	IA2	Air	2-Butanone	5.60		0.06	0.29	1.47	ug/m3
J6262-02	IA2	Air	Carbon Tetrachloride	0.57		0.06	0.19	0.19	ug/m3
J6262-02	IA2	Air	cis-1,2-Dichloroethene	2.93		0.08	0.4	1.98	ug/m3
J6262-02	IA2	Air	Chloroform	5.86		0.1	0.49	2.44	ug/m3
J6262-02	IA2	Air	2,2,4-Trimethylpentane	2.90		0.05	0.47	2.34	ug/m3
J6262-02	IA2	Air	Benzene	7.67		0.03	0.32	1.6	ug/m3
J6262-02	IA2	Air	Trichloroethene	8.06		0.11	0.16	0.16	ug/m3
J6262-02	IA2	Air	Toluene	16.20		0.08	0.38	1.88	ug/m3
J6262-02	IA2	Air	Tetrachloroethene	46.80		0.14	0.2	0.2	ug/m3
J6262-02	IA2	Air	Ethyl Benzene	1.35	J	0.04	0.43	2.17	ug/m3
J6262-02	IA2	Air	m/p-Xylene	4.78		0.17	0.87	4.34	ug/m3
J6262-02	IA2	Air	o-Xylene	1.74	J	0.09	0.43	2.17	ug/m3
J6262-02	IA2	Air	Styrene	1.32	J	0.09	0.43	2.13	ug/m3
J6262-02	IA2	Air	1,3,5-Trimethylbenzene	1.08	J	0.1	0.49	2.46	ug/m3
J6262-02	IA2	Air	1,2,4-Trimethylbenzene	2.90		0.1	0.49	2.46	ug/m3
J6262-02	IA2	Air	1,4-Dichlorobenzene	0.90	J	0.12	0.6	3.01	ug/m3
J6262-02	IA2	Air	Naphthalene	0.63	J	0.21	0.52	2.62	ug/m3
J6262-02	IA2	Air	4-Ethyltoluene	0.88	J	0.1	0.49	2.46	ug/m3
J6262-02	IA2	Air	Methyl Methacrylate	1.15	J	0.08	0.41	2.05	ug/m3
			Total Voc :	241.02					
			Total Concentration:	241.02					
Client ID:	**IA2DL**								
J6262-02DL	IA2DL	Air	Acetone	141.00	D	0.57	2.38	11.9	ug/m3
J6262-02DL	IA2DL	Air	2-Butanone	4.72	JD	0.44	2.95	14.8	ug/m3
J6262-02DL	IA2DL	Air	Chloroform	5.37	JD	0.83	4.88	24.4	ug/m3
J6262-02DL	IA2DL	Air	Benzene	5.75	JD	0.38	3.19	16.0	ug/m3
J6262-02DL	IA2DL	Air	Trichloroethene	6.45	D	1.18	1.61	1.61	ug/m3
J6262-02DL	IA2DL	Air	Tetrachloroethene	35.30	D	1.22	2.03	2.03	ug/m3
			Total Voc :	198.59					
			Total Concentration:	198.59					
Client ID:	**SV1**								
J6262-03	SV1	Air	Acetone	131.00		0.57	2.38	11.9	ug/m3

Hit Summary Sheet
SW-846

SDG No.: J6262

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
J6262-03	SV1	Air	Carbon Disulfide	9.97	J	0.69	3.11	15.6	ug/m3
J6262-03	SV1	Air	trans-1,2-Dichloroethene	67.00		1.23	3.96	19.8	ug/m3
J6262-03	SV1	Air	2-Butanone	5.60	J	0.44	2.95	14.8	ug/m3
J6262-03	SV1	Air	cis-1,2-Dichloroethene	594.00		0.87	3.96	19.8	ug/m3
J6262-03	SV1	Air	Chloroform	11.70	J	0.83	4.88	24.4	ug/m3
J6262-03	SV1	Air	Trichloroethene	4,944.00	E	1.18	1.61	1.61	ug/m3
J6262-03	SV1	Air	Toluene	17.00	J	0.83	3.77	18.8	ug/m3
J6262-03	SV1	Air	Tetrachloroethene	55,605.00	E	1.22	2.03	2.03	ug/m3
J6262-03	SV1	Air	Ethyl Benzene	6.52	J	0.52	4.34	21.7	ug/m3
J6262-03	SV1	Air	m/p-Xylene	23.50	J	1.69	8.69	43.4	ug/m3
J6262-03	SV1	Air	o-Xylene	12.60	J	1.04	4.34	21.7	ug/m3
J6262-03	SV1	Air	1,3,5-Trimethylbenzene	6.88	J	1.23	4.92	24.6	ug/m3
J6262-03	SV1	Air	1,2,4-Trimethylbenzene	18.70	J	0.74	4.92	24.6	ug/m3
J6262-03	SV1	Air	4-Ethyltoluene	6.88	J	0.88	4.92	24.6	ug/m3
J6262-03	SV1	Air	Hexane	26.40		0.42	3.52	17.6	ug/m3
			Total Voc :	61486.75					
			Total Concentration:	61486.75					
Client ID:	**SV1DL**								
J6262-03DL	SV1DL	Air	Trichloroethene	5,911.00	D	139	193	193	ug/m3
J6262-03DL	SV1DL	Air	Tetrachloroethene	303,119.00	ED	147	244	244	ug/m3
			Total Voc :	309030					
			Total Concentration:	309030					
Client ID:	**SV2**								
J6262-04	SV2	Air	Dichlorodifluoromethane	19.30	J	1.09	4.94	24.7	ug/m3
J6262-04	SV2	Air	Chloromethane	3.10	J	0.45	2.07	10.3	ug/m3
J6262-04	SV2	Air	Vinyl Chloride	9.46		0.31	0.77	0.77	ug/m3
J6262-04	SV2	Air	1,1-Dichloroethene	6.74	J	0.67	3.96	19.8	ug/m3
J6262-04	SV2	Air	Acetone	42.80		0.57	2.38	11.9	ug/m3
J6262-04	SV2	Air	Carbon Disulfide	12.80	J	0.69	3.11	15.6	ug/m3
J6262-04	SV2	Air	Methyl tert-Butyl Ether	16.60	J	0.43	3.61	18.0	ug/m3
J6262-04	SV2	Air	trans-1,2-Dichloroethene	396.00		1.23	3.96	19.8	ug/m3
J6262-04	SV2	Air	cis-1,2-Dichloroethene	515.00		0.87	3.96	19.8	ug/m3
J6262-04	SV2	Air	Chloroform	56.60		0.83	4.88	24.4	ug/m3
J6262-04	SV2	Air	Benzene	3.83	J	0.38	3.19	16.0	ug/m3
J6262-04	SV2	Air	Trichloroethene	3,815.00	E	1.18	1.61	1.61	ug/m3
J6262-04	SV2	Air	Toluene	10.90	J	0.83	3.77	18.8	ug/m3
J6262-04	SV2	Air	Tetrachloroethene	17,631.00	E	1.22	2.03	2.03	ug/m3
J6262-04	SV2	Air	m/p-Xylene	26.10	J	1.69	8.69	43.4	ug/m3

Hit Summary Sheet
SW-846

SDG No.: J6262

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
J6262-04	SV2	Air	o-Xylene	13.00	J	1.04	4.34	21.7	ug/m3
J6262-04	SV2	Air	1,3,5-Trimethylbenzene	7.87	J	1.23	4.92	24.6	ug/m3
J6262-04	SV2	Air	1,2,4-Trimethylbenzene	25.60		0.74	4.92	24.6	ug/m3
J6262-04	SV2	Air	4-Ethyltoluene	7.37	J	0.88	4.92	24.6	ug/m3
J6262-04	SV2	Air	Hexane	14.80	J	0.42	3.52	17.6	ug/m3
			Total Voc :	22633.87					
			Total Concentration:	22633.87					
Client ID:	**SV2DL**								
J6262-04DL	SV2DL	Air	trans-1,2-Dichloroethene	367.00	JD	48.8	158	792	ug/m3
J6262-04DL	SV2DL	Air	cis-1,2-Dichloroethene	436.00	JD	34.5	158	792	ug/m3
J6262-04DL	SV2DL	Air	Trichloroethene	3,385.00	D	46.8	64.5	64.5	ug/m3
J6262-04DL	SV2DL	Air	Tetrachloroethene	28,480.00	D	48.8	81.4	81.4	ug/m3
			Total Voc :	32668					
			Total Concentration:	32668					
Client ID:	**IA3**								
J6262-05	IA3	Air	Dichlorodifluoromethane	1.04	J	0.1	0.49	2.47	ug/m3
J6262-05	IA3	Air	Chloromethane	1.38		0.04	0.21	1.03	ug/m3
J6262-05	IA3	Air	Trichlorofluoromethane	1.69	J	0.11	0.56	2.81	ug/m3
J6262-05	IA3	Air	Heptane	1.15	J	0.04	0.41	2.05	ug/m3
J6262-05	IA3	Air	Acetone	45.40	E	0.05	0.24	1.19	ug/m3
J6262-05	IA3	Air	Methylene Chloride	5.91		0.14	0.35	1.74	ug/m3
J6262-05	IA3	Air	2-Butanone	2.77		0.06	0.29	1.47	ug/m3
J6262-05	IA3	Air	Carbon Tetrachloride	0.50		0.06	0.19	0.19	ug/m3
J6262-05	IA3	Air	Chloroform	2.00	J	0.1	0.49	2.44	ug/m3
J6262-05	IA3	Air	2,2,4-Trimethylpentane	1.54	J	0.05	0.47	2.34	ug/m3
J6262-05	IA3	Air	Benzene	7.03		0.03	0.32	1.6	ug/m3
J6262-05	IA3	Air	Trichloroethene	1.56		0.11	0.16	0.16	ug/m3
J6262-05	IA3	Air	Toluene	13.60		0.08	0.38	1.88	ug/m3
J6262-05	IA3	Air	Tetrachloroethene	9.49		0.14	0.2	0.2	ug/m3
J6262-05	IA3	Air	Ethyl Benzene	0.78	J	0.04	0.43	2.17	ug/m3
J6262-05	IA3	Air	m/p-Xylene	2.82	J	0.17	0.87	4.34	ug/m3
J6262-05	IA3	Air	o-Xylene	0.96	J	0.09	0.43	2.17	ug/m3
J6262-05	IA3	Air	Styrene	0.68	J	0.09	0.43	2.13	ug/m3
J6262-05	IA3	Air	1,3,5-Trimethylbenzene	0.54	J	0.1	0.49	2.46	ug/m3
J6262-05	IA3	Air	1,2,4-Trimethylbenzene	1.57	J	0.1	0.49	2.46	ug/m3
J6262-05	IA3	Air	1,4-Dichlorobenzene	1.56	J	0.12	0.6	3.01	ug/m3
J6262-05	IA3	Air	Naphthalene	1.31	J	0.21	0.52	2.62	ug/m3
J6262-05	IA3	Air	4-Ethyltoluene	0.49	J	0.1	0.49	2.46	ug/m3

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Hit Summary Sheet
SW-846

SDG No.: J6262

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
J6262-05	IA3	Air	Hexane	8.81		0.04	0.35	1.76	ug/m3
			Total Voc :	114.58					
			Total Concentration:	114.58					
Client ID:	**IA3DL**								
J6262-05DL	IA3DL	Air	Acetone	47.80	D	0.57	2.38	11.9	ug/m3
J6262-05DL	IA3DL	Air	Benzene	5.75	JD	0.38	3.19	16.0	ug/m3
J6262-05DL	IA3DL	Air	Tetrachloroethene	7.46	D	1.22	2.03	2.03	ug/m3
J6262-05DL	IA3DL	Air	Hexane	10.20	JD	0.42	3.52	17.6	ug/m3
			Total Voc :	71.21					
			Total Concentration:	71.21					
Client ID:	**IA4**								
J6262-06	IA4	Air	Dichlorodifluoromethane	0.99	J	0.1	0.49	2.47	ug/m3
J6262-06	IA4	Air	Chloromethane	1.22		0.04	0.21	1.03	ug/m3
J6262-06	IA4	Air	Tetrahydrofuran	2.12		0.03	0.29	1.47	ug/m3
J6262-06	IA4	Air	Trichlorofluoromethane	1.40	J	0.11	0.56	2.81	ug/m3
J6262-06	IA4	Air	Heptane	1.23	J	0.04	0.41	2.05	ug/m3
J6262-06	IA4	Air	Acetone	224.00	E	0.05	0.24	1.19	ug/m3
J6262-06	IA4	Air	Methylene Chloride	18.10		0.14	0.35	1.74	ug/m3
J6262-06	IA4	Air	2-Butanone	4.13		0.06	0.29	1.47	ug/m3
J6262-06	IA4	Air	Carbon Tetrachloride	0.44		0.06	0.19	0.19	ug/m3
J6262-06	IA4	Air	cis-1,2-Dichloroethene	0.52	J	0.08	0.4	1.98	ug/m3
J6262-06	IA4	Air	Chloroform	1.66	J	0.1	0.49	2.44	ug/m3
J6262-06	IA4	Air	2,2,4-Trimethylpentane	1.12	J	0.05	0.47	2.34	ug/m3
J6262-06	IA4	Air	Benzene	1.57	J	0.03	0.32	1.6	ug/m3
J6262-06	IA4	Air	Trichloroethene	1.61		0.11	0.16	0.16	ug/m3
J6262-06	IA4	Air	Toluene	24.50		0.08	0.38	1.88	ug/m3
J6262-06	IA4	Air	Tetrachloroethene	15.60		0.14	0.2	0.2	ug/m3
J6262-06	IA4	Air	Ethyl Benzene	0.69	J	0.04	0.43	2.17	ug/m3
J6262-06	IA4	Air	m/p-Xylene	2.74	J	0.17	0.87	4.34	ug/m3
J6262-06	IA4	Air	o-Xylene	0.83	J	0.09	0.43	2.17	ug/m3
J6262-06	IA4	Air	1,3,5-Trimethylbenzene	0.88	J	0.1	0.49	2.46	ug/m3
J6262-06	IA4	Air	1,2,4-Trimethylbenzene	3.39		0.1	0.49	2.46	ug/m3
J6262-06	IA4	Air	1,4-Dichlorobenzene	0.60	J	0.12	0.6	3.01	ug/m3
J6262-06	IA4	Air	Naphthalene	0.84	J	0.21	0.52	2.62	ug/m3
J6262-06	IA4	Air	4-Ethyltoluene	0.98	J	0.1	0.49	2.46	ug/m3
J6262-06	IA4	Air	Hexane	16.20		0.04	0.35	1.76	ug/m3
J6262-06	IA4	Air	Methyl Methacrylate	328.00	E	0.08	0.41	2.05	ug/m3
			Total Voc :	655.36					

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: J6262

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
			Total Concentration:	655.36					
Client ID:	**IA4DL**								
J6262-06DL	IA4DL	Air	Acetone	285.00	D	0.57	2.38	11.9	ug/m3
J6262-06DL	IA4DL	Air	2-Butanone	4.13	JD	0.44	2.95	14.8	ug/m3
J6262-06DL	IA4DL	Air	Tetrachloroethene	12.90	D	1.22	2.03	2.03	ug/m3
J6262-06DL	IA4DL	Air	Hexane	17.60	D	0.42	3.52	17.6	ug/m3
J6262-06DL	IA4DL	Air	Methyl Methacrylate	323.00	D	0.9	4.09	20.5	ug/m3
			Total Voc :	642.63					
			Total Concentration:	642.63					
Client ID:	**OA1**								
J6262-07	OA1	Air	Dichlorodifluoromethane	1.04	J	0.1	0.49	2.47	ug/m3
J6262-07	OA1	Air	Chloromethane	1.20		0.04	0.21	1.03	ug/m3
J6262-07	OA1	Air	Trichlorofluoromethane	1.46	J	0.11	0.56	2.81	ug/m3
J6262-07	OA1	Air	Heptane	2.25		0.04	0.41	2.05	ug/m3
J6262-07	OA1	Air	Acetone	11.60		0.05	0.24	1.19	ug/m3
J6262-07	OA1	Air	Methylene Chloride	12.20		0.14	0.35	1.74	ug/m3
J6262-07	OA1	Air	Cyclohexane	1.45	J	0.07	0.34	1.72	ug/m3
J6262-07	OA1	Air	2-Butanone	2.04		0.06	0.29	1.47	ug/m3
J6262-07	OA1	Air	Carbon Tetrachloride	0.44		0.06	0.19	0.19	ug/m3
J6262-07	OA1	Air	2,2,4-Trimethylpentane	4.11		0.05	0.47	2.34	ug/m3
J6262-07	OA1	Air	Benzene	1.31	J	0.03	0.32	1.6	ug/m3
J6262-07	OA1	Air	Trichloroethene	0.43		0.11	0.16	0.16	ug/m3
J6262-07	OA1	Air	Toluene	43.30		0.08	0.38	1.88	ug/m3
J6262-07	OA1	Air	Tetrachloroethene	0.54		0.14	0.2	0.2	ug/m3
J6262-07	OA1	Air	Ethyl Benzene	2.04	J	0.04	0.43	2.17	ug/m3
J6262-07	OA1	Air	m/p-Xylene	5.21		0.17	0.87	4.34	ug/m3
J6262-07	OA1	Air	o-Xylene	1.65	J	0.09	0.43	2.17	ug/m3
J6262-07	OA1	Air	1,2,4-Trimethylbenzene	1.28	J	0.1	0.49	2.46	ug/m3
J6262-07	OA1	Air	Hexane	24.70		0.04	0.35	1.76	ug/m3
			Total Voc :	118.25					
			Total Concentration:	118.25					

SAMPLE DATA

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA1	SDG No.:	J6262
Lab Sample ID:	J6262-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032934.D	1		12/07/18 14:33	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.21	1.04	J	0.1	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.76	1.57		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.03	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.11	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.1	0.29	U	0.03	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.26	1.46	J	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.07	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.41	1.68	J	0.04	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	21.8	51.8	E	0.05	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.1	0.31	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.04	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	2.4	8.34		0.14	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.12	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.25	0.86	J	0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	2	5.9		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.08	0.5		0.06	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.18	0.71	J	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.11	0.54	J	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.11	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.36	1.68	J	0.05	0.47	2.34	ug/m3
71-43-2	Benzene	0.31	0.99	J	0.03	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.45	2.42		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.09	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	10	37.7		0.08	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.17	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA1	SDG No.:	J6262
Lab Sample ID:	J6262-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032934.D	1		12/07/18 14:33	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	3.2	21.7		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.19	0.83	J	0.04	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	0.69	3	J	0.17	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.25	1.09	J	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.09	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.21	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.07	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.14	0.69	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.46	2.26	J	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	U	0.22	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	0.21	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.07	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.18	0.94	J	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.17	0.84	J	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	5.9	20.8		0.04	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.06	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.4	1.44	U	0.25	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	3.1	12.7		0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1069240	5.77					
540-36-3	1,4-Difluorobenzene	2766250	7.3					
3114-55-4	Chlorobenzene-d5	2631790	12.25					

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA1DL	SDG No.:	J6262
Lab Sample ID:	J6262-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032936.D	10		12/07/18 15:52	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.09	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	0.45	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.31	0.77	0.77	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.2	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	1.11	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	0.35	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	1.24	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	1.69	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	0.84	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.36	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	UD	0.49	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	22.2	52.7	D	0.57	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1	3.11	UD	0.69	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	0.43	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.49	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.23	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	0.69	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	0.76	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.7	5.01	JD	0.44	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.75	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	0.87	3.96	19.8	ug/m3
67-66-3	Chloroform	1	4.88	UD	0.83	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.82	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	0.56	4.67	23.4	ug/m3
71-43-2	Benzene	1	3.19	UD	0.38	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	1.18	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	0.79	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	1.34	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	1.02	4.1	20.5	ug/m3
108-88-3	Toluene	1	3.77	UD	0.83	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	0.93	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	1.45	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	1.54	7.69	38.4	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA1DL	SDG No.:	J6262
Lab Sample ID:	J6262-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032936.D	10		12/07/18 15:52	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	2.5	17.0	D	1.22	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	0.92	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1	4.34	UD	0.52	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	2	8.69	UD	1.69	8.69	43.4	ug/m3
95-47-6	o-Xylene	1	4.34	UD	1.04	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	0.64	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	1.76	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	0.82	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92	UD	0.74	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	1.32	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UD	2.08	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	2.56	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	0.66	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UD	2.04	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1	4.92	UD	0.88	4.92	24.6	ug/m3
110-54-3	Hexane	6.2	21.8	D	0.42	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	0.75	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	4	14.4	UD	2.56	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	UD	0.9	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		102%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1318760		5.77				
540-36-3	1,4-Difluorobenzene	3426870		7.29				
3114-55-4	Chlorobenzene-d5	3184380		12.24				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA2	SDG No.:	J6262
Lab Sample ID:	J6262-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032937.D	1		12/07/18 16:33	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.18	0.89	J	0.1	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.67	1.38		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.03	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.11	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.1	0.29	U	0.03	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.33	1.85	J	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.07	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.58	2.38		0.04	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	47.6	113	E	0.05	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.13	0.4	J	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.04	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	1.9	6.6		0.14	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.12	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.35	1.2	J	0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	1.9	5.6		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.09	0.57		0.06	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.74	2.93		0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	1.2	5.86		0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.11	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.62	2.9		0.05	0.47	2.34	ug/m3
71-43-2	Benzene	2.4	7.67		0.03	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	1.5	8.06		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.09	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	4.3	16.2		0.08	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.17	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA2	SDG No.:	J6262
Lab Sample ID:	J6262-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032937.D	1		12/07/18 16:33	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	6.9	46.8		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.31	1.35	J	0.04	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1.1	4.78		0.17	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.4	1.74	J	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.31	1.32	J	0.09	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.21	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.07	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.22	1.08	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.59	2.9		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.15	0.9	J	0.12	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	U	0.22	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	0.21	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.07	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.12	0.63	J	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.18	0.88	J	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	0.1	0.35	U	0.04	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.06	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.4	1.44	U	0.25	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.28	1.15	J	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.8			65 - 135		108%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1229730		5.77				
540-36-3	1,4-Difluorobenzene	3256280		7.3				
3114-55-4	Chlorobenzene-d5	3098630		12.25				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA2DL	SDG No.:	J6262
Lab Sample ID:	J6262-02DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032938.D	10		12/07/18 17:12	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.09	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	0.45	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.31	0.77	0.77	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.2	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	1.11	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	0.35	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	1.24	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	1.69	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	0.84	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.36	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	UD	0.49	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	59.7	141	D	0.57	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1	3.11	UD	0.69	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	0.43	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.49	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.23	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	0.69	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	0.76	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.6	4.72	JD	0.44	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.75	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	0.87	3.96	19.8	ug/m3
67-66-3	Chloroform	1.1	5.37	JD	0.83	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.82	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	0.56	4.67	23.4	ug/m3
71-43-2	Benzene	1.8	5.75	JD	0.38	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	1.2	6.45	D	1.18	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	0.79	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	1.34	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	1.02	4.1	20.5	ug/m3
108-88-3	Toluene	1	3.77	UD	0.83	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	0.93	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	1.45	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	1.54	7.69	38.4	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA2DL	SDG No.:	J6262
Lab Sample ID:	J6262-02DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032938.D	10		12/07/18 17:12	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	5.2	35.3	D	1.22	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	0.92	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1	4.34	UD	0.52	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	2	8.69	UD	1.69	8.69	43.4	ug/m3
95-47-6	o-Xylene	1	4.34	UD	1.04	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	0.64	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	1.76	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	0.82	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92	UD	0.74	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	1.32	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UD	2.08	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	2.56	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	0.66	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UD	2.04	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1	4.92	UD	0.88	4.92	24.6	ug/m3
110-54-3	Hexane	1	3.52	UD	0.42	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	0.75	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	4	14.4	UD	2.56	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	UD	0.9	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1385710		5.76				
540-36-3	1,4-Difluorobenzene	3471510		7.29				
3114-55-4	Chlorobenzene-d5	3266290		12.24				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV1	SDG No.:	J6262
Lab Sample ID:	J6262-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032948.D	10		12/07/18 23:43	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	U	1.09	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	U	0.45	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	U	0.31	0.77	0.77	ug/m3
74-83-9	Bromomethane	1	3.88	U	1.2	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	U	1.11	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	U	0.35	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	U	1.24	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	U	1.69	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	U	0.84	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	U	1.36	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	U	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	U	0.49	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	U	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	55.4	131		0.57	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	3.2	9.97	J	0.69	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	U	0.43	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	U	1.49	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	16.9	67.0		1.23	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	U	0.69	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	U	0.76	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.9	5.6	J	0.44	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	U	0.75	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	150	594		0.87	3.96	19.8	ug/m3
67-66-3	Chloroform	2.4	11.7	J	0.83	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	U	0.82	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	U	0.56	4.67	23.4	ug/m3
71-43-2	Benzene	1	3.19	U	0.38	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	U	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	920	4944	E	1.18	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	U	0.79	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	U	1.34	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	U	1.02	4.1	20.5	ug/m3
108-88-3	Toluene	4.5	17.0	J	0.83	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	U	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	U	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	U	0.93	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	U	1.45	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	U	1.54	7.69	38.4	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV1	SDG No.:	J6262
Lab Sample ID:	J6262-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032948.D	10		12/07/18 23:43	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	8200	55605	E	1.22	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	1	4.61	U	0.92	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1.5	6.52	J	0.52	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	5.4	23.5	J	1.69	8.69	43.4	ug/m3
95-47-6	o-Xylene	2.9	12.6	J	1.04	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	U	0.64	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	U	1.76	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	0.82	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	U	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1.4	6.88	J	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	3.8	18.7	J	0.74	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	U	1.32	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	U	1.08	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	U	1.08	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	U	2.08	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	U	2.56	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	U	0.66	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	U	2.04	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1.4	6.88	J	0.88	4.92	24.6	ug/m3
110-54-3	Hexane	7.5	26.4		0.42	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	U	0.75	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	4	14.4	U	2.56	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	U	0.9	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.3			65 - 135		113%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1311970		5.76				
540-36-3	1,4-Difluorobenzene	3285910		7.3				
3114-55-4	Chlorobenzene-d5	3148400		12.27				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV1DL	SDG No.:	J6262
Lab Sample ID:	J6262-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032976.D	1200		12/12/18 05:02	VL121118

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	120	593	UD	128	593	2966	ug/m3
74-87-3	Chloromethane	120	247	UD	53.7	247	1239	ug/m3
75-01-4	Vinyl Chloride	36	92.0	UD	36.6	92.0	92.0	ug/m3
74-83-9	Bromomethane	120	465	UD	146	465	2329	ug/m3
75-00-3	Chloroethane	120	316	UD	134	316	1583	ug/m3
109-99-9	Tetrahydrofuran	120	353	UD	42.2	353	1769	ug/m3
75-69-4	Trichlorofluoromethane	120	674	UD	146	674	3371	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	120	919	UD	199	919	4598	ug/m3
76-14-2	Dichlorotetrafluoroethane	120	838	UD	100.0	838	4193	ug/m3
593-60-2	Bromoethene	120	524	UD	160	524	2623	ug/m3
75-65-0	tert-Butyl alcohol	120	363	UD	157	363	1818	ug/m3
142-82-5	Heptane	120	491	UD	58.6	491	2458	ug/m3
75-35-4	1,1-Dichloroethene	120	475	UD	80.1	475	2378	ug/m3
67-64-1	Acetone	120	285	UD	67.9	285	1425	ug/m3
75-15-0	Carbon Disulfide	120	373	UD	81.0	373	1868	ug/m3
1634-04-4	Methyl tert-Butyl Ether	120	432	UD	51.6	432	2163	ug/m3
75-09-2	Methylene Chloride	120	416	UD	181	416	2084	ug/m3
156-60-5	trans-1,2-Dichloroethene	120	475	UD	145	475	2378	ug/m3
75-34-3	1,1-Dichloroethane	120	485	UD	81.8	485	2428	ug/m3
110-82-7	Cyclohexane	120	413	UD	89.5	413	2065	ug/m3
78-93-3	2-Butanone	120	353	UD	54.3	353	1769	ug/m3
56-23-5	Carbon Tetrachloride	36	226	UD	90.0	226	226	ug/m3
156-59-2	cis-1,2-Dichloroethene	120	475	UD	103	475	2378	ug/m3
67-66-3	Chloroform	120	586	UD	98.6	586	2930	ug/m3
71-55-6	1,1,1-Trichloroethane	36	196	UD	100	196	196	ug/m3
540-84-1	2,2,4-Trimethylpentane	120	560	UD	66.8	560	2802	ug/m3
71-43-2	Benzene	120	383	UD	45.7	383	1916	ug/m3
107-06-2	1,2-Dichloroethane	120	485	UD	74.5	485	2428	ug/m3
79-01-6	Trichloroethene	1100	5911	D	139	193	193	ug/m3
78-87-5	1,2-Dichloropropane	120	554	UD	93.4	554	2773	ug/m3
75-27-4	Bromodichloromethane	120	803	UD	160	803	4019	ug/m3
108-10-1	4-Methyl-2-Pentanone	120	491	UD	121	491	2458	ug/m3
108-88-3	Toluene	120	452	UD	98.0	452	2261	ug/m3
10061-02-6	t-1,3-Dichloropropene	120	544	UD	129	544	2723	ug/m3
10061-01-5	cis-1,3-Dichloropropene	120	544	UD	83.5	544	2723	ug/m3
79-00-5	1,1,2-Trichloroethane	120	654	UD	110	654	3273	ug/m3
124-48-1	Dibromochloromethane	120	1022	UD	172	1022	5111	ug/m3
106-93-4	1,2-Dibromoethane	120	922	UD	184	922	4611	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV1DL	SDG No.:	J6262
Lab Sample ID:	J6262-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032976.D	1200		12/12/18 05:02	VL121118

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	44700	303119	ED	147	244	244	ug/m3
108-90-7	Chlorobenzene	120	552	UD	110	552	2763	ug/m3
100-41-4	Ethyl Benzene	120	521	UD	62.1	521	2606	ug/m3
179601-23-1	m/p-Xylene	240	1042	UD	205	1042	5212	ug/m3
95-47-6	o-Xylene	120	521	UD	124	521	2606	ug/m3
100-42-5	Styrene	120	510	UD	78.3	510	2554	ug/m3
75-25-2	Bromoform	120	1240	UD	208	1240	6203	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	120	824	UD	98.2	824	4120	ug/m3
95-49-8	2-Chlorotoluene	120	621	UD	95.3	621	3106	ug/m3
108-67-8	1,3,5-Trimethylbenzene	120	589	UD	145	589	2949	ug/m3
95-63-6	1,2,4-Trimethylbenzene	120	589	UD	90.5	589	2949	ug/m3
541-73-1	1,3-Dichlorobenzene	120	721	UD	156	721	3607	ug/m3
106-46-7	1,4-Dichlorobenzene	120	721	UD	130	721	3607	ug/m3
95-50-1	1,2-Dichlorobenzene	120	721	UD	130	721	3607	ug/m3
120-82-1	1,2,4-Trichlorobenzene	120	890	UD	252	890	4453	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	120	1280	UD	305	1280	6400	ug/m3
106-99-0	1,3-Butadiene	120	265	UD	79.4	265	1327	ug/m3
91-20-3	Naphthalene	120	629	UD	247	629	3145	ug/m3
622-96-8	4-Ethyltoluene	120	589	UD	106	589	2949	ug/m3
110-54-3	Hexane	120	422	UD	50.4	422	2114	ug/m3
107-05-1	Allyl Chloride	120	375	UD	89.5	375	1878	ug/m3
123-91-1	1,4-Dioxane	480	1729	UD	308	1729	2162	ug/m3
80-62-6	Methyl Methacrylate	120	491	UD	106	491	2456	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.7			65 - 135		107%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	966649		5.77				
540-36-3	1,4-Difluorobenzene	2448650		7.29				
3114-55-4	Chlorobenzene-d5	2347040		12.25				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV2	SDG No.:	J6262
Lab Sample ID:	J6262-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032946.D	10		12/07/18 22:27	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	3.9	19.3	J	1.09	4.94	24.7	ug/m3
74-87-3	Chloromethane	1.5	3.1	J	0.45	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	3.7	9.46		0.31	0.77	0.77	ug/m3
74-83-9	Bromomethane	1	3.88	U	1.2	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	U	1.11	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	U	0.35	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	U	1.24	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	U	1.69	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	U	0.84	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	U	1.36	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	U	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	U	0.49	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1.7	6.74	J	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	18	42.8		0.57	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	4.1	12.8	J	0.69	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	4.6	16.6	J	0.43	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	U	1.49	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	100	396		1.23	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	U	0.69	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	U	0.76	3.44	17.2	ug/m3
78-93-3	2-Butanone	1	2.95	U	0.44	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	U	0.75	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	130	515		0.87	3.96	19.8	ug/m3
67-66-3	Chloroform	11.6	56.6		0.83	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	U	0.82	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	U	0.56	4.67	23.4	ug/m3
71-43-2	Benzene	1.2	3.83	J	0.38	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	U	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	710	3815	E	1.18	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	U	0.79	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	U	1.34	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	U	1.02	4.1	20.5	ug/m3
108-88-3	Toluene	2.9	10.9	J	0.83	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	U	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	U	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	U	0.93	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	U	1.45	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	U	1.54	7.69	38.4	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV2	SDG No.:	J6262
Lab Sample ID:	J6262-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032946.D	10		12/07/18 22:27	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	2600	17631	E	1.22	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	1	4.61	U	0.92	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1	4.34	U	0.52	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	6	26.1	J	1.69	8.69	43.4	ug/m3
95-47-6	o-Xylene	3	13.0	J	1.04	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	U	0.64	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	U	1.76	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	U	0.82	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	U	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1.6	7.87	J	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5.2	25.6		0.74	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	U	1.32	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	U	1.08	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	U	1.08	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	U	2.08	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	U	2.56	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	U	0.66	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	U	2.04	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1.5	7.37	J	0.88	4.92	24.6	ug/m3
110-54-3	Hexane	4.2	14.8	J	0.42	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	U	0.75	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	4	14.4	U	2.56	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	U	0.9	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.4			65 - 135		114%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1236650		5.76				
540-36-3	1,4-Difluorobenzene	3032410		7.3				
3114-55-4	Chlorobenzene-d5	3025510		12.25				

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV2DL	SDG No.:	J6262
Lab Sample ID:	J6262-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032974.D	400		12/12/18 03:48	VL121118

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	40	197	UD	43.0	197	988	ug/m3
74-87-3	Chloromethane	40	82.6	UD	18.0	82.6	413	ug/m3
75-01-4	Vinyl Chloride	12	30.7	UD	12.3	30.7	30.7	ug/m3
74-83-9	Bromomethane	40	155	UD	48.9	155	776	ug/m3
75-00-3	Chloroethane	40	105	UD	44.6	105	527	ug/m3
109-99-9	Tetrahydrofuran	40	117	UD	14.2	117	589	ug/m3
75-69-4	Trichlorofluoromethane	40	224	UD	48.9	224	1123	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	40	306	UD	66.7	306	1532	ug/m3
76-14-2	Dichlorotetrafluoroethane	40	279	UD	33.6	279	1397	ug/m3
593-60-2	Bromoethene	40	174	UD	53.8	174	874	ug/m3
75-65-0	tert-Butyl alcohol	40	121	UD	52.8	121	606	ug/m3
142-82-5	Heptane	40	163	UD	19.7	163	819	ug/m3
75-35-4	1,1-Dichloroethene	40	158	UD	26.6	158	792	ug/m3
67-64-1	Acetone	40	95.0	UD	22.6	95.0	475	ug/m3
75-15-0	Carbon Disulfide	40	124	UD	27.1	124	622	ug/m3
1634-04-4	Methyl tert-Butyl Ether	40	144	UD	17.3	144	721	ug/m3
75-09-2	Methylene Chloride	40	138	UD	60.4	138	694	ug/m3
156-60-5	trans-1,2-Dichloroethene	92.8	367	JD	48.8	158	792	ug/m3
75-34-3	1,1-Dichloroethane	40	161	UD	27.1	161	809	ug/m3
110-82-7	Cyclohexane	40	137	UD	30.0	137	688	ug/m3
78-93-3	2-Butanone	40	117	UD	18.0	117	589	ug/m3
56-23-5	Carbon Tetrachloride	12	75.5	UD	30.2	75.5	75.5	ug/m3
156-59-2	cis-1,2-Dichloroethene	110	436	JD	34.5	158	792	ug/m3
67-66-3	Chloroform	40	195	UD	32.7	195	976	ug/m3
71-55-6	1,1,1-Trichloroethane	12	65.5	UD	33.3	65.5	65.5	ug/m3
540-84-1	2,2,4-Trimethylpentane	40	186	UD	22.4	186	934	ug/m3
71-43-2	Benzene	40	127	UD	15.3	127	638	ug/m3
107-06-2	1,2-Dichloroethane	40	161	UD	24.7	161	809	ug/m3
79-01-6	Trichloroethene	630	3385	D	46.8	64.5	64.5	ug/m3
78-87-5	1,2-Dichloropropane	40	184	UD	31.0	184	924	ug/m3
75-27-4	Bromodichloromethane	40	267	UD	53.6	267	1339	ug/m3
108-10-1	4-Methyl-2-Pentanone	40	163	UD	40.6	163	819	ug/m3
108-88-3	Toluene	40	150	UD	32.8	150	753	ug/m3
10061-02-6	t-1,3-Dichloropropene	40	181	UD	43.1	181	907	ug/m3
10061-01-5	cis-1,3-Dichloropropene	40	181	UD	27.7	181	907	ug/m3
79-00-5	1,1,2-Trichloroethane	40	218	UD	36.6	218	1091	ug/m3
124-48-1	Dibromochloromethane	40	340	UD	57.1	340	1703	ug/m3
106-93-4	1,2-Dibromoethane	40	307	UD	61.5	307	1537	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	SV2DL	SDG No.:	J6262
Lab Sample ID:	J6262-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032974.D	400		12/12/18 03:48	VL121118

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	4200	28480	D	48.8	81.4	81.4	ug/m3
108-90-7	Chlorobenzene	40	184	UD	36.8	184	921	ug/m3
100-41-4	Ethyl Benzene	40	173	UD	20.8	173	868	ug/m3
179601-23-1	m/p-Xylene	80	347	UD	68.6	347	1737	ug/m3
95-47-6	o-Xylene	40	173	UD	41.3	173	868	ug/m3
100-42-5	Styrene	40	170	UD	26.0	170	851	ug/m3
75-25-2	Bromoform	40	413	UD	69.3	413	2067	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	40	274	UD	33.0	274	1373	ug/m3
95-49-8	2-Chlorotoluene	40	207	UD	31.6	207	1035	ug/m3
108-67-8	1,3,5-Trimethylbenzene	40	196	UD	48.7	196	983	ug/m3
95-63-6	1,2,4-Trimethylbenzene	40	196	UD	30.0	196	983	ug/m3
541-73-1	1,3-Dichlorobenzene	40	240	UD	52.3	240	1202	ug/m3
106-46-7	1,4-Dichlorobenzene	40	240	UD	43.3	240	1202	ug/m3
95-50-1	1,2-Dichlorobenzene	40	240	UD	43.3	240	1202	ug/m3
120-82-1	1,2,4-Trichlorobenzene	40	296	UD	83.9	296	1484	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	40	426	UD	101	426	2133	ug/m3
106-99-0	1,3-Butadiene	40	88.5	UD	26.6	88.5	442	ug/m3
91-20-3	Naphthalene	40	209	UD	82.8	209	1048	ug/m3
622-96-8	4-Ethyltoluene	40	196	UD	35.4	196	983	ug/m3
110-54-3	Hexane	40	140	UD	16.9	140	704	ug/m3
107-05-1	Allyl Chloride	40	125	UD	29.7	125	626	ug/m3
123-91-1	1,4-Dioxane	160	576	UD	102	576	720	ug/m3
80-62-6	Methyl Methacrylate	40	163	UD	35.6	163	818	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.3			65 - 135		93%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1216470		5.77				
540-36-3	1,4-Difluorobenzene	2951920		7.29				
3114-55-4	Chlorobenzene-d5	2949720		12.25				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA3	SDG No.:	J6262
Lab Sample ID:	J6262-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032939.D	1		12/07/18 17:53	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.21	1.04	J	0.1	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.67	1.38		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.03	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.11	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.1	0.29	U	0.03	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.3	1.69	J	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.07	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.28	1.15	J	0.04	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	19.1	45.4	E	0.05	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.1	0.31	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.04	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	1.7	5.91		0.14	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.12	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.1	0.34	U	0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.94	2.77		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.08	0.5		0.06	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.41	2	J	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.11	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.33	1.54	J	0.05	0.47	2.34	ug/m3
71-43-2	Benzene	2.2	7.03		0.03	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.29	1.56		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.09	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	3.6	13.6		0.08	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.17	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA3	SDG No.:	J6262
Lab Sample ID:	J6262-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032939.D	1		12/07/18 17:53	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	1.4	9.49		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.18	0.78	J	0.04	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	0.65	2.82	J	0.17	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.22	0.96	J	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.16	0.68	J	0.09	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.21	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.07	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.32	1.57	J	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.26	1.56	J	0.12	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	U	0.22	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	0.21	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.07	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.25	1.31	J	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.1	0.49	J	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	2.5	8.81		0.04	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.06	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.4	1.44	U	0.25	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.1			65 - 135		111%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1254180	5.76					
540-36-3	1,4-Difluorobenzene	3277560	7.3					
3114-55-4	Chlorobenzene-d5	3122340	12.24					

U = Not Detected
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MDL = Method Detection Limit

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D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA3DL	SDG No.:	J6262
Lab Sample ID:	J6262-05DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032940.D	10		12/07/18 18:32	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.09	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	0.45	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.31	0.77	0.77	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.2	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	1.11	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	0.35	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	1.24	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	1.69	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	0.84	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.36	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	UD	0.49	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	20.1	47.8	D	0.57	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1	3.11	UD	0.69	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	0.43	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.49	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.23	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	0.69	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	0.76	3.44	17.2	ug/m3
78-93-3	2-Butanone	1	2.95	UD	0.44	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.75	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	0.87	3.96	19.8	ug/m3
67-66-3	Chloroform	1	4.88	UD	0.83	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.82	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	0.56	4.67	23.4	ug/m3
71-43-2	Benzene	1.8	5.75	JD	0.38	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	1.18	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	0.79	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	1.34	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	1.02	4.1	20.5	ug/m3
108-88-3	Toluene	1	3.77	UD	0.83	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	0.93	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	1.45	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	1.54	7.69	38.4	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA3DL	SDG No.:	J6262
Lab Sample ID:	J6262-05DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032940.D	10		12/07/18 18:32	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	1.1	7.46	D	1.22	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	0.92	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1	4.34	UD	0.52	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	2	8.69	UD	1.69	8.69	43.4	ug/m3
95-47-6	o-Xylene	1	4.34	UD	1.04	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	0.64	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	1.76	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	0.82	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92	UD	0.74	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	1.32	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UD	2.08	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	2.56	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	0.66	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UD	2.04	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1	4.92	UD	0.88	4.92	24.6	ug/m3
110-54-3	Hexane	2.9	10.2	JD	0.42	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	0.75	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	4	14.4	UD	2.56	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	1	4.09	UD	0.9	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.4			65 - 135		104%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1337960		5.76				
540-36-3	1,4-Difluorobenzene	3378120		7.29				
3114-55-4	Chlorobenzene-d5	3170380		12.24				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA4	SDG No.:	J6262
Lab Sample ID:	J6262-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032941.D	1		12/07/18 19:13	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.2	0.99	J	0.1	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.59	1.22		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.03	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.11	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.72	2.12		0.03	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.25	1.4	J	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.07	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.3	1.23	J	0.04	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	94.4	224	E	0.05	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.1	0.31	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.04	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	5.2	18.1		0.14	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.12	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.1	0.34	U	0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	1.4	4.13		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.07	0.44		0.06	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.13	0.52	J	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.34	1.66	J	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.11	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.24	1.12	J	0.05	0.47	2.34	ug/m3
71-43-2	Benzene	0.49	1.57	J	0.03	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.3	1.61		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.09	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	6.5	24.5		0.08	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.17	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA4	SDG No.:	J6262
Lab Sample ID:	J6262-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032941.D	1		12/07/18 19:13	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	2.3	15.6		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.16	0.69	J	0.04	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	0.63	2.74	J	0.17	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.19	0.83	J	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.09	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.21	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.07	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.69	3.39		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	J	0.12	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	U	0.22	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	0.21	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.07	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.16	0.84	J	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.2	0.98	J	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	4.6	16.2		0.04	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.06	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.4	1.44	U	0.25	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	80.3	328	E	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11			65 - 135		110%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1273070		5.77				
540-36-3	1,4-Difluorobenzene	3246410		7.3				
3114-55-4	Chlorobenzene-d5	3126470		12.24				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA4DL	SDG No.:	J6262
Lab Sample ID:	J6262-06DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032942.D	10		12/07/18 19:51	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	1	4.94	UD	1.09	4.94	24.7	ug/m3
74-87-3	Chloromethane	1	2.07	UD	0.45	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.31	0.77	0.77	ug/m3
74-83-9	Bromomethane	1	3.88	UD	1.2	3.88	19.4	ug/m3
75-00-3	Chloroethane	1	2.64	UD	1.11	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	1	2.95	UD	0.35	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1	5.62	UD	1.24	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	1	7.66	UD	1.69	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	1	6.99	UD	0.84	6.99	35.0	ug/m3
593-60-2	Bromoethene	1	4.37	UD	1.36	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	1	3.03	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1	4.1	UD	0.49	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	1	3.96	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	120	285	D	0.57	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1	3.11	UD	0.69	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	1	3.61	UD	0.43	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	1	3.47	UD	1.49	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	1	3.96	UD	1.23	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	1	4.05	UD	0.69	4.05	20.2	ug/m3
110-82-7	Cyclohexane	1	3.44	UD	0.76	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.4	4.13	JD	0.44	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.75	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	1	3.96	UD	0.87	3.96	19.8	ug/m3
67-66-3	Chloroform	1	4.88	UD	0.83	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.82	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1	4.67	UD	0.56	4.67	23.4	ug/m3
71-43-2	Benzene	1	3.19	UD	0.38	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	1	4.05	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	1.18	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	1	4.62	UD	0.79	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	1	6.7	UD	1.34	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	1	4.1	UD	1.02	4.1	20.5	ug/m3
108-88-3	Toluene	1	3.77	UD	0.83	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	1	4.54	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	1	4.54	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	1	5.46	UD	0.93	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	1	8.52	UD	1.45	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	1	7.69	UD	1.54	7.69	38.4	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	IA4DL	SDG No.:	J6262
Lab Sample ID:	J6262-06DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032942.D	10		12/07/18 19:51	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	1.9	12.9	D	1.22	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	1	4.61	UD	0.92	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	1	4.34	UD	0.52	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	2	8.69	UD	1.69	8.69	43.4	ug/m3
95-47-6	o-Xylene	1	4.34	UD	1.04	4.34	21.7	ug/m3
100-42-5	Styrene	1	4.26	UD	0.64	4.26	21.3	ug/m3
75-25-2	Bromoform	1	10.3	UD	1.76	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1	6.87	UD	0.82	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	1	5.18	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	1	4.92	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92	UD	0.74	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	1	6.01	UD	1.32	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	1	6.01	UD	1.08	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	1	7.42	UD	2.08	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	1	10.7	UD	2.56	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	1	2.21	UD	0.66	2.21	11.1	ug/m3
91-20-3	Naphthalene	1	5.24	UD	2.04	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	1	4.92	UD	0.88	4.92	24.6	ug/m3
110-54-3	Hexane	5	17.6	D	0.42	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	1	3.13	UD	0.75	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	4	14.4	UD	2.56	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	79	323	D	0.9	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1385070		5.76				
540-36-3	1,4-Difluorobenzene	3425740		7.29				
3114-55-4	Chlorobenzene-d5	3277900		12.24				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	OA1	SDG No.:	J6262
Lab Sample ID:	J6262-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032943.D	1		12/07/18 20:32	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.21	1.04	J	0.1	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.58	1.2		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.03	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.1	0.39	U	0.12	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.1	0.26	U	0.11	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.1	0.29	U	0.03	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.26	1.46	J	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.1	0.77	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.1	0.7	U	0.07	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.1	0.44	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.1	0.3	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.55	2.25		0.04	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	4.9	11.6		0.05	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.1	0.31	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.1	0.36	U	0.04	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	3.5	12.2		0.14	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.1	0.4	U	0.12	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.42	1.45	J	0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.69	2.04		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.07	0.44		0.06	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.1	0.4	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.1	0.49	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.11	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.88	4.11		0.05	0.47	2.34	ug/m3
71-43-2	Benzene	0.41	1.31	J	0.03	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.1	0.4	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.08	0.43		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.1	0.46	U	0.09	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.1	0.67	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.1	0.41	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	11.5	43.3		0.08	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.1	0.45	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.1	0.55	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.1	0.85	U	0.17	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.1	0.77	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	GFE LLC	Date Collected:	12/04/18
Project:	4125-4149 Laconia Ave Bronx, NY	Date Received:	12/06/18
Client Sample ID:	OA1	SDG No.:	J6262
Lab Sample ID:	J6262-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL032943.D	1		12/07/18 20:32	VL120718

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.08	0.54		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.1	0.46	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.47	2.04	J	0.04	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1.2	5.21		0.17	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.38	1.65	J	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.1	0.43	U	0.09	0.43	2.13	ug/m3
75-25-2	Bromoform	0.1	1.03	U	0.21	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.1	0.69	U	0.07	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.1	0.52	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.1	0.49	U	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.26	1.28	J	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.1	0.6	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.1	0.74	U	0.22	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.1	1.07	U	0.21	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.1	0.22	U	0.07	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.1	0.52	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.1	0.49	U	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	7	24.7		0.04	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.1	0.31	U	0.06	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.4	1.44	U	0.25	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.1	0.41	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11			65 - 135		110%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1209580		5.76				
540-36-3	1,4-Difluorobenzene	3215530		7.29				
3114-55-4	Chlorobenzene-d5	2998830		12.24				

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	J6262	**OrderDate:**	12/6/2018 10:32:00 AM
Client:	GFE LLC	**Project:**	4125-4149 Laconia Ave Bronx, NY
Contact:	Frank Galdun	**Location:**	L11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
J6262-01	**IA1**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-01DL	**IA1DL**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-02	**IA2**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-02DL	**IA2DL**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-03	**SV1**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-03DL	**SV1DL**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/12/18	
J6262-04	**SV2**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-04DL	**SV2DL**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/12/18	
J6262-05	**IA3**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-05DL	**IA3DL**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-06	**IA4**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	
J6262-06DL	**IA4DL**	**Air**			**12/04/18**			**12/06/18**
			TO-15	TO-15			12/07/18	

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

J6262-07	**OA1**	**Air**		**12/04/18**		**12/06/18**
			TO-15	TO-15	12/07/18	

SHIPPING DOCUMENTS

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

Client Contact Information		Bottle Order ID : **B1811108**	Courier : HAND	1 of 7 COCs
Client ID : **GFEL01**	Project ID : **All Projects**		Sampler Name(s) : FRANK BALDUN	Analysis / Matrix
Customer Name : **GFE LLC**		Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**		Phone Number : **646-542-3465**		
		Fax Number : **973-334-1692**		
		Site Details: 4125-4149 CAESON IA AVE BRONX NY	Batch Certified	
City : **Lake Hiawatha**				
State : **NJ**		Analysis Turnaround Time 5 DAY		
Zip Code : **07034**		Standard : ~~10 Business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :		Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas		
IA1	12/4/15	9:00	11:00	29	3.5	66	67	-30	-4.7	10226	10590	6 L	50	VL032595.D	1	1			

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: ND

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 11/10/15	Canisters Received by:	Date/Time:	B1811108 - 7
Samples Relinquished by:	Date/Time: 12/5/15	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time: 12.6.15 8:00	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

Client Contact Information	Bottle Order ID : **B1811108**	Courier : HAND	2 of 7 COCs
Client ID : **GFEL01** Project ID : **All Projects**		Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Batch Certified	
	Site Details: 4125-4149 LACONIA AVE BRONX NY		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
IA2	12/4/18	9:11	11:11	OVER 30	2	67	67	-30	-5.1	10511	10268	6 L	50	VL032595.D			

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.2

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 11/30/18	Canisters Received by:	Date/Time:	B1811108 - 2
Samples Relinquished by:	Date/Time: 12/5/18	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time: 12-6-18 9:00	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

Client Contact Information	Bottle Order ID : **B1811108**	Courier : HAND	3 of 7 COCs
Client ID : **GFEL01** Project ID : **All Projects**		Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Batch Certified	
	Site Details: 4125-4149 LACONIA AVE BRONX-NY		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business~~ days OR	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 Days	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
SV1	12/4/18	8:59	8:59	OVER 30	0	67	67	-30	-3.1	10707	10160	6 L	50	VL032595.D	1		1

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: (High) Medium Low PID Readings: 1 0

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 11/30/18	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time: 12/5/18	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time: 12.6.18 8:00

B1811108 - 1

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

Client Contact Information	Bottle Order ID : **B1811108**	Courier : HAND	1 of 1 COCs
Client ID : **GFEL01** Project ID : **All Projects**		Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Batch Certified	
	Site Details: 4125-4149 LACONIA ~~WESTCHESTER~~ AVE BRONX, NY		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
SV2	12/4/18	9:10	11:10	OVER 30	4.5	67	67	-30		10522	10405	6 L	50	VL032595.D			

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High (Medium) Low 3 → PID Readings:

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 11/30/18	Canisters Received by:	Date/Time:	B1811108 - 6
Samples Relinquished by:	Date/Time: 12/5/18	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time: 12-6-18 8:00	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

Client Contact Information	Bottle Order ID : **B1811108**	Courier : HAND	5 of 7 COCs
Client ID : **GFEL01** Project ID : **All Projects**		Sampler Name(s) : FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Batch Certified	
	Site Details: 4125-4149 LACONIA AVE BRONX NY		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
IA3	12/4/18	1043	1243	30	4.5	67	67	-30	-4.3	10479	10301	6 L	50	VL032595.D	1	1	

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.2

Sampling site (State):

Quick Connector required : N/A

Canisters Shiped by:	Date/Time: 11/30/18	Canisters Received by:	Date/Time:	
Samples Relinquished by:	Date/Time: 12/5/18	Received by:	Date/Time:	**B1811108 - 5**
Relinquished by:	Date/Time:	Received by:	Date/Time: 12.6.18 8:00	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

Client Contact Information	Bottle Order ID : **B1811108**	Courier : HAND	6 of 1 COCs
Client ID : **GFEL01** Project ID : **All Projects**		Sampler Name(s) FRANK GALDUN	Analysis / Matrix
Customer Name : **GFE LLC**	Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Individual Certified	
	Site Details: 4125-4149 LACONIA AVE BRONX		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
F4	12/4/18	1045	1245	OVER 30	4.5	66	67	-30	-4.3 5.1 5.4	10616	10288	6 L	50	VL032595.D	1	1	

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start				
Stop				

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium Low PID Readings: 0.0

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 11/30/18	Canisters Received by:	Date/Time:	
Samples Relinquished by:	Date/Time: 12/5/18	Received by:	Date/Time:	B1811108 - 4
Relinquished by:	Date/Time:	Received by:	Date/Time: 12-6-18 8:00	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. : J6262

1 of 1 COCs

Client Contact Information	Bottle Order ID : **B1811108**	Courier : HAND	
Client ID : **GFEL01** Project ID : **All Projects**		Sampler Name(s) : FRANK GALDUN	
Customer Name : **GFE LLC**	Project Manager **Frank galdun**	AIR ANALYSIS CHAIN-OF-CUSTODY	
Address : **58 Nokomis Ave**	Phone Number : **646-542-3465**		
	Fax Number : **973-334-1692**	Batch Certified	
	Site Details: 4125-4149 LACONIA AVE BRONX, NY		
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time 5 DAY		
Zip Code : **07034**	Standard : ~~10 business days~~ **OR**	Data Package Type : RESULTS ONLY	
Country :	Rush (Specify): 5 **Days**	EDD Type : PDF	

Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	Analysis: TO-15	Matrix: Indoor/Ambinet Air	Matrix: Soil Gas
OA1	12/4/18	1038	1238	21.5	0			-30	-4.3	10503	10285	6 L	50	VL032595.D	✓	✓	

Temperature (Fahrenheit)	Ambient	Maximum	Minimum	
Start	36			
Stop	39			

Pressure (Inches of Hg)	Ambient	Maximum	Minimum	
Start				
Stop				

GC/MS Analyst Signature (TO-15)

** Submittal of this COC indicates approval of the analysis based on existing conditio

Please follow the instructions on the back of this CO

Special Instructions/QC Requirements & Comments :

Suspected Contamination: High Medium (Low)

PID Readings: 0.0

Sampling site (State):

Quick Connector required : NO

Canisters Shiped by:	Date/Time: 12/5/18	Canisters Received by:	Date/Time:	
Samples Relinquished by:	Date/Time: 12/5/18	Received by:	Date/Time:	**B1811108 - 3**
Relinquished by:	Date/Time:	Received by:	Date/Time: 12-6-18 8:00	

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Maine	2012025
Maryland	296
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

DEP-077
Rev. 3/04

New Jersey Department of Environmental Protection

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample

Laboratory: Chemtech
Name:
Field Sample Seal No.: J6262
Case No.: All Projects

Location: 284 Sheffield Street, Mountainside,NJ 7092
Title: Sample Custodian
Date Broken: 12/6/2018
Military Time Seal Broken: 08:00:00
Analytical Parameter/Fraction: TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
J6262-01	IA1		
J6262-02	IA2		
J6262-03	SV1		
J6262-04	SV2		
J6262-05	IA3		
J6262-06	IA4		
J6262-07	OA1		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
12/6/18	13:05	Signature	Signature	
		Printed Name Cassanova Reid	Printed Name Pedro Sanchez	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy

Hampton-Clarke Report Of Analysis

Client: GFE LLC
HC Project #: 8013017
Project: 4137 Laconia Ave

Sample ID: B1 1'
Lab#: AD02364-001
Matrix: Soil
Collection Date: 1/30/2018
Receipt Date: 1/30/2018

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**87**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	96.2	mg/kg	0.11	ND
1,1-Dichloroethane	96.2	mg/kg	0.11	ND
1,1-Dichloroethene	96.2	mg/kg	0.11	ND
1,2,4-Trimethylbenzene	96.2	mg/kg	0.11	ND
1,2-Dichlorobenzene	96.2	mg/kg	0.11	ND
1,2-Dichloroethane	96.2	mg/kg	0.055	ND
1,3,5-Trimethylbenzene	96.2	mg/kg	0.11	ND
1,3-Dichlorobenzene	96.2	mg/kg	0.11	ND
1,4-Dichlorobenzene	96.2	mg/kg	0.11	ND
1,4-Dioxane	96.2	mg/kg	5.5	ND
2-Butanone	96.2	mg/kg	0.11	ND
4-Isopropyltoluene	96.2	mg/kg	0.11	ND
Acetone	96.2	mg/kg	0.55	ND
Benzene	96.2	mg/kg	0.055	ND
Carbon tetrachloride	96.2	mg/kg	0.11	ND
Chlorobenzene	96.2	mg/kg	0.11	ND
Chloroform	96.2	mg/kg	0.11	ND
cis-1,2-Dichloroethene	96.2	mg/kg	0.11	ND
Ethylbenzene	96.2	mg/kg	0.11	ND
Isopropylbenzene	96.2	mg/kg	0.11	ND
m&p-Xylenes	96.2	mg/kg	0.11	ND
Methylene chloride	96.2	mg/kg	0.11	ND
Methyl-t-butyl ether	96.2	mg/kg	0.055	ND
Naphthalene	96.2	mg/kg	0.11	ND
n-Butylbenzene	96.2	mg/kg	0.11	ND
n-Propylbenzene	96.2	mg/kg	0.11	ND
o-Xylene	96.2	mg/kg	0.11	ND
sec-Butylbenzene	96.2	mg/kg	0.11	ND
t-Butylbenzene	96.2	mg/kg	0.11	ND
Tetrachloroethene	**96.2**	**mg/kg**	**0.11**	**25**
Toluene	96.2	mg/kg	0.11	ND
trans-1,2-Dichloroethene	96.2	mg/kg	0.11	ND
Trichloroethene	**96.2**	**mg/kg**	**0.11**	**0.19**
Vinyl chloride	96.2	mg/kg	0.11	ND
Xylenes (Total)	96.2	mg/kg	0.11	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.46	30	68	122	98	
Dibromofluoromethane	29.76	30	63	140	99	
Bromofluorobenzene	30.01	30	64	129	100	
1,2-Dichloroethane-d4	30.27	30	63	143	101	

Sample ID: B1 2.5' **Collection Date:** 1/30/2018
Lab#: AD02364-002 **Receipt Date:** 1/30/2018
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		91

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.949	mg/kg	0.0021	ND
1,1-Dichloroethane	0.949	mg/kg	0.0021	ND
1,1-Dichloroethene	0.949	mg/kg	0.0021	ND
1,2,4-Trimethylbenzene	0.949	mg/kg	0.0010	ND
1,2-Dichlorobenzene	0.949	mg/kg	0.0021	ND
1,2-Dichloroethane	0.949	mg/kg	0.0021	ND
1,3,5-Trimethylbenzene	0.949	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.949	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.949	mg/kg	0.0021	ND
1,4-Dioxane	0.949	mg/kg	0.10	ND
2-Butanone	0.949	mg/kg	0.0021	ND
4-Isopropyltoluene	0.949	mg/kg	0.0010	ND
Acetone	0.949	mg/kg	0.010	ND
Benzene	0.949	mg/kg	0.0010	ND
Carbon tetrachloride	0.949	mg/kg	0.0021	ND
Chlorobenzene	0.949	mg/kg	0.0021	ND
Chloroform	0.949	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.949	mg/kg	0.0021	ND
Ethylbenzene	0.949	mg/kg	0.0010	ND
Isopropylbenzene	0.949	mg/kg	0.0010	ND
m&p-Xylenes	0.949	mg/kg	0.0010	ND
Methylene chloride	0.949	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.949	mg/kg	0.0010	ND
Naphthalene	0.949	mg/kg	0.0010	ND
n-Butylbenzene	0.949	mg/kg	0.0010	ND
n-Propylbenzene	0.949	mg/kg	0.0010	ND
o-Xylene	0.949	mg/kg	0.0010	ND
sec-Butylbenzene	0.949	mg/kg	0.0010	ND
t-Butylbenzene	0.949	mg/kg	0.0010	ND
Tetrachloroethene	0.949	mg/kg	0.0021	ND
Toluene	0.949	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.949	mg/kg	0.0021	ND
Trichloroethene	0.949	mg/kg	0.0021	ND
Vinyl chloride	0.949	mg/kg	0.0021	ND
Xylenes (Total)	0.949	mg/kg	0.0010	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	27.19	30	68	122	91	
Dibromofluoromethane	35.70	30	63	140	119	
Bromofluorobenzene	36.74	30	64	129	122	
1,2-Dichloroethane-d4	37.08	30	63	143	124	

Sample ID: B2 1' **Collection Date:** 1/30/2018
Lab#: AD02364-003 **Receipt Date:** 1/30/2018
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	**1**	**percent**		**86**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.96	mg/kg	0.0022	ND
1,1-Dichloroethane	0.96	mg/kg	0.0022	ND
1,1-Dichloroethene	0.96	mg/kg	0.0022	ND
1,2,4-Trimethylbenzene	0.96	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.96	mg/kg	0.0022	ND
1,2-Dichloroethane	0.96	mg/kg	0.0022	ND
1,3,5-Trimethylbenzene	0.96	mg/kg	0.0011	ND
1,3-Dichlorobenzene	0.96	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.96	mg/kg	0.0022	ND
1,4-Dioxane	0.96	mg/kg	0.11	ND
2-Butanone	0.96	mg/kg	0.0022	ND
4-Isopropyltoluene	0.96	mg/kg	0.0011	ND
Acetone	**0.96**	**mg/kg**	**0.011**	**0.031**
Benzene	0.96	mg/kg	0.0011	ND
Carbon tetrachloride	0.96	mg/kg	0.0022	ND
Chlorobenzene	0.96	mg/kg	0.0011	ND
Chloroform	0.96	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.96	mg/kg	0.0022	ND
Ethylbenzene	0.96	mg/kg	0.0011	ND
Isopropylbenzene	0.96	mg/kg	0.0011	ND
m&p-Xylenes	0.96	mg/kg	0.0011	ND
Methylene chloride	0.96	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.96	mg/kg	0.0011	ND
Naphthalene	0.96	mg/kg	0.0011	ND
n-Butylbenzene	0.96	mg/kg	0.0011	ND
n-Propylbenzene	0.96	mg/kg	0.0011	ND
o-Xylene	0.96	mg/kg	0.0011	ND
sec-Butylbenzene	0.96	mg/kg	0.0011	ND
t-Butylbenzene	0.96	mg/kg	0.0011	ND
Tetrachloroethene	**0.96**	**mg/kg**	**0.0022**	**0.25**
Toluene	0.96	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.96	mg/kg	0.0022	ND
Trichloroethene	**0.96**	**mg/kg**	**0.0022**	**0.0089**
Vinyl chloride	0.96	mg/kg	0.0022	ND
Xylenes (Total)	0.96	mg/kg	0.0011	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.03	30	68	122	97	
Dibromofluoromethane	26.76	30	63	140	89	
Bromofluorobenzene	32.62	30	64	129	109	
1,2-Dichloroethane-d4	31.87	30	63	143	106	

Sample ID: B4 1' **Collection Date:** 1/30/2018
Lab#: AD02364-004 **Receipt Date:** 1/30/2018
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.952	mg/kg	0.0022	ND
1,1-Dichloroethane	0.952	mg/kg	0.0022	ND
1,1-Dichloroethene	0.952	mg/kg	0.0022	ND
1,2,4-Trimethylbenzene	0.952	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.952	mg/kg	0.0022	ND
1,2-Dichloroethane	0.952	mg/kg	0.0022	ND
1,3,5-Trimethylbenzene	0.952	mg/kg	0.0011	ND
1,3-Dichlorobenzene	0.952	mg/kg	0.0022	ND
1,4-Dichlorobenzene	0.952	mg/kg	0.0022	ND
1,4-Dioxane	0.952	mg/kg	0.11	ND
2-Butanone	0.952	mg/kg	0.0022	ND
4-Isopropyltoluene	0.952	mg/kg	0.0011	ND
Acetone	**0.952**	**mg/kg**	**0.011**	**0.019**
Benzene	0.952	mg/kg	0.0011	ND
Carbon tetrachloride	0.952	mg/kg	0.0022	ND
Chlorobenzene	0.952	mg/kg	0.0011	ND
Chloroform	0.952	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	0.952	mg/kg	0.0022	ND
Ethylbenzene	0.952	mg/kg	0.0011	ND
Isopropylbenzene	0.952	mg/kg	0.0011	ND
m&p-Xylenes	0.952	mg/kg	0.0011	ND
Methylene chloride	0.952	mg/kg	0.0022	ND
Methyl-t-butyl ether	0.952	mg/kg	0.0011	ND
Naphthalene	0.952	mg/kg	0.0011	ND
n-Butylbenzene	0.952	mg/kg	0.0011	ND
n-Propylbenzene	0.952	mg/kg	0.0011	ND
o-Xylene	0.952	mg/kg	0.0011	ND
sec-Butylbenzene	0.952	mg/kg	0.0011	ND
t-Butylbenzene	0.952	mg/kg	0.0011	ND
Tetrachloroethene	**0.952**	**mg/kg**	**0.0022**	**0.035**
Toluene	0.952	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.952	mg/kg	0.0022	ND
Trichloroethene	**0.952**	**mg/kg**	**0.0022**	**0.0094**
Vinyl chloride	0.952	mg/kg	0.0022	ND
Xylenes (Total)	0.952	mg/kg	0.0011	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.45	30	68	122	101	
Dibromofluoromethane	31.33	30	63	140	104	
Bromofluorobenzene	34.32	30	64	129	114	
1,2-Dichloroethane-d4	33.32	30	63	143	111	

Sample ID: B3GW
Lab#: AD02364-005
Matrix: Aqueous

Collection Date: 1/30/2018
Receipt Date: 1/30/2018

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	20	ug/l	20	ND
1,1-Dichloroethane	20	ug/l	20	ND
1,1-Dichloroethene	20	ug/l	20	ND
1,2,4-Trimethylbenzene	20	ug/l	20	ND
1,2-Dichlorobenzene	20	ug/l	20	ND
1,2-Dichloroethane	20	ug/l	10	ND
1,3,5-Trimethylbenzene	20	ug/l	20	ND
1,3-Dichlorobenzene	20	ug/l	20	ND
1,4-Dichlorobenzene	20	ug/l	20	ND
1,4-Dioxane	20	ug/l	1000	ND
2-Butanone	20	ug/l	20	ND
4-Isopropyltoluene	20	ug/l	20	ND
Acetone	20	ug/l	100	ND
Benzene	20	ug/l	10	ND
Carbon tetrachloride	20	ug/l	20	ND
Chlorobenzene	20	ug/l	20	ND
Chloroform	20	ug/l	20	ND
cis-1,2-Dichloroethene	**20**	**ug/l**	**20**	**56**
Ethylbenzene	20	ug/l	20	ND
Isopropylbenzene	20	ug/l	20	ND
m&p-Xylenes	20	ug/l	20	ND
Methylene chloride	20	ug/l	20	ND
Methyl-t-butyl ether	20	ug/l	10	ND
Naphthalene	20	ug/l	20	ND
n-Butylbenzene	20	ug/l	20	ND
n-Propylbenzene	20	ug/l	20	ND
o-Xylene	20	ug/l	20	ND
sec-Butylbenzene	20	ug/l	20	ND
t-Butylbenzene	20	ug/l	20	ND
Tetrachloroethene	**20**	**ug/l**	**20**	**3500**
Toluene	20	ug/l	20	ND
trans-1,2-Dichloroethene	20	ug/l	20	ND
Trichloroethene	**20**	**ug/l**	**20**	**450**
Vinyl chloride	20	ug/l	20	ND
Xylenes (Total)	20	ug/l	20	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	25.62	30	79	111	85	
Dibromofluoromethane	35.36	30	73	131	118	
Bromofluorobenzene	29.64	30	82	112	99	
1,2-Dichloroethane-d4	31.50	30	78	128	105	

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 8013017

Page ____ of ____

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary	NJ Hazsite
1 Business Day (100%)*	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%)*	Reduced:	EnviroData
3 Business Days (50%)*	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%)*	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other: ____		Other: EDD

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: GFE
Address: 58 NOLOMIS AVE
LK HAWATHA NJ 07034
1b) Email/Cell/Fax/Ph: Franky40@optonline.net
1c) Send Invoice to:
1d) Send Report to: FRANK GALSUN

Project Information

2a) Project: 4137 LACONIA AVE BRONX NY
2b) Project Mgr: F GALSUN
2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY ↓

Batch # AD02364

===> *Check If Contingent* ===>

Matrix Codes
DW - Drinking Water; S - Soil; A - Air
GW - Ground Water; SL - Sludge
WW - Waste Water; OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*

<=== *Check If Contingent* <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite (C)	Sample Type: Grab (G)	8) # of Bottles: None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
001	B1 1'	SOIL	1/30/18	10:00		G	1								
002	B1 2.5			10:20		G	1								
003	B2 1'			11:00		G	1								
004	B4 1'			12:00		G	1								
005	B3GW	GW		12:30		G					2				

10) Relinquished by:

Relinquished by:	Accepted by:	Date	Time
		1/30/18	14:23

11) Sampler (print name): FRANK GALSUN Date: 1/30/18

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270D SIM)
- [ ] VOC (8260C SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 3.0°C

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

Hampton-Clarke Report Of Analysis

Client: GFE LLC
HC Project #: 8120415
Project: Laconia Avenue

Sample ID: B1 9'
Lab#: AD07999-001
Matrix: Soil
Collection Date: 12/4/2018
Receipt Date: 12/4/2018

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		90

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.962	mg/kg	0.0021	ND
1,1-Dichloroethane	0.962	mg/kg	0.0021	ND
1,1-Dichloroethene	0.962	mg/kg	0.0021	ND
1,2,4-Trimethylbenzene	0.962	mg/kg	0.0011	ND
1,2-Dichlorobenzene	0.962	mg/kg	0.0021	ND
1,2-Dichloroethane	0.962	mg/kg	0.0021	ND
1,3,5-Trimethylbenzene	0.962	mg/kg	0.0011	ND
1,3-Dichlorobenzene	0.962	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.962	mg/kg	0.0021	ND
1,4-Dioxane	0.962	mg/kg	0.11	ND
2-Butanone	0.962	mg/kg	0.0021	ND
4-Isopropyltoluene	0.962	mg/kg	0.0011	ND
Acetone	0.962	mg/kg	0.011	ND
Benzene	0.962	mg/kg	0.0011	ND
Carbon tetrachloride	0.962	mg/kg	0.0021	ND
Chlorobenzene	0.962	mg/kg	0.0021	ND
Chloroform	0.962	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.962	mg/kg	0.0021	ND
Ethylbenzene	0.962	mg/kg	0.0011	ND
Isopropylbenzene	0.962	mg/kg	0.0011	ND
m&p-Xylenes	0.962	mg/kg	0.0011	ND
Methylene chloride	0.962	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.962	mg/kg	0.0011	ND
Naphthalene	0.962	mg/kg	0.0011	ND
n-Butylbenzene	0.962	mg/kg	0.0011	ND
n-Propylbenzene	0.962	mg/kg	0.0011	ND
o-Xylene	0.962	mg/kg	0.0011	ND
sec-Butylbenzene	0.962	mg/kg	0.0011	ND
t-Butylbenzene	0.962	mg/kg	0.0011	ND
Tetrachloroethene	0.962	mg/kg	0.0021	ND
Toluene	0.962	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	0.962	mg/kg	0.0021	ND
Trichloroethene	0.962	mg/kg	0.0021	ND
Vinyl chloride	0.962	mg/kg	0.0021	ND
Xylenes (Total)	0.962	mg/kg	0.0011	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.33	30	68	122	94	
Dibromofluoromethane	31.20	30	63	140	104	
Bromofluorobenzene	30.27	30	64	129	101	
1,2-Dichloroethane-d4	31.65	30	63	143	105	

Sample ID: B2 9' | **Collection Date:** 12/4/2018
Lab#: AD07999-002 | **Receipt Date:** 12/4/2018
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	**1**	**percent**		**88**

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	mg/kg	0.0023	ND
1,1-Dichloroethane	1	mg/kg	0.0023	ND
1,1-Dichloroethene	1	mg/kg	0.0023	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0011	ND
1,2-Dichlorobenzene	1	mg/kg	0.0023	ND
1,2-Dichloroethane	1	mg/kg	0.0023	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0011	ND
1,3-Dichlorobenzene	1	mg/kg	0.0023	ND
1,4-Dichlorobenzene	1	mg/kg	0.0023	ND
1,4-Dioxane	1	mg/kg	0.11	ND
2-Butanone	1	mg/kg	0.0023	ND
4-Isopropyltoluene	1	mg/kg	0.0011	ND
Acetone	**1**	**mg/kg**	**0.011**	**0.016**
Benzene	1	mg/kg	0.0011	ND
Carbon tetrachloride	1	mg/kg	0.0023	ND
Chlorobenzene	1	mg/kg	0.0023	ND
Chloroform	1	mg/kg	0.0023	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0023	ND
Ethylbenzene	1	mg/kg	0.0011	ND
Isopropylbenzene	1	mg/kg	0.0011	ND
m&p-Xylenes	1	mg/kg	0.0011	ND
Methylene chloride	1	mg/kg	0.0023	ND
Methyl-t-butyl ether	1	mg/kg	0.0011	ND
Naphthalene	1	mg/kg	0.0011	ND
n-Butylbenzene	1	mg/kg	0.0011	ND
n-Propylbenzene	1	mg/kg	0.0011	ND
o-Xylene	1	mg/kg	0.0011	ND
sec-Butylbenzene	1	mg/kg	0.0011	ND
t-Butylbenzene	1	mg/kg	0.0011	ND
Tetrachloroethene	1	mg/kg	0.0023	ND
Toluene	1	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0023	ND
Trichloroethene	1	mg/kg	0.0023	ND
Vinyl chloride	1	mg/kg	0.0023	ND
Xylenes (Total)	1	mg/kg	0.0011	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.50	30	68	122	95	
Dibromofluoromethane	30.74	30	63	140	102	
Bromofluorobenzene	30.42	30	64	129	101	
1,2-Dichloroethane-d4	31.67	30	63	143	106	

Sample ID: SUMP
Lab#: AD07999-003
Matrix: Aqueous

Collection Date: 12/4/2018
Receipt Date: 12/4/2018

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
Acetone	**1**	**ug/l**	**5.0**	**55**
Benzene	1	ug/l	0.50	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**1.0**
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
Naphthalene	1	ug/l	1.0	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**7.8**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**4.1**
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	26.94	30	79	111	90	
Dibromofluoromethane	33.23	30	73	131	111	
Bromofluorobenzene	30.01	30	82	112	100	
1,2-Dichloroethane-d4	33.13	30	78	128	110	

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 8120415

Page 1 of 1

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Customer Information

1a) Customer: GFE
Address: 58 Nokomis Ave Lk Hiawatha NJ 07034
1b) Email/Cell/Fax/Ph: frankg400@optonline.net
1c) Send Invoice to:
1d) Send Report to: Frank Galdun

Project Information

2a) Project: 4125 to 4149 Westchester Ave Bronx, NY
2b) Project Mgr: F Galdun
2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary (circled)	NJ Hazsite
1 Business Day (100%)*	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%)*	Reduced:	EnviroData
3 Business Days (50%)*	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%)* (struck through)	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%) (circled)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other: PDF

* Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY ↓
Batch #: AD07999

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water S - Soil A - Air
GW - Ground Water SL - Sludge
WW - Waste Water OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*: EPA 8260 PART 375 & CP-51

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite (C)	Grab (G)	EPA 8260 PART 375 & CP-51	None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
001	B1 9"	SOIL	12/4/18	9:20		✓	✓				1					
002	B2 9'	SOIL	12/4/18	10:5?		✓	✓				1					
003	SUMP	GW	12/4/18	11:45		✓	✓					2				

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature]	12/4/18	1:20
Galdun	Date: 12/4/18		

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270D SIM)
- [ ] VOC (8260C SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 4.0

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

Hampton-Clarke Report Of Analysis

Client: GFE LLC **HC Project #:** 9010710

Project: 4125 Laconia Ave

Sample ID: MW1 **Collection Date:** 1/6/2019
Lab#: AD08516-001 **Receipt Date:** 1/7/2019
Matrix: Aqueous

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	**1**	**ug/l**	**1.0**	**6.4**
4-Isopropyltoluene	1	ug/l	1.0	ND
Acetone	**1**	**ug/l**	**5.0**	**370**
Benzene	1	ug/l	0.50	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	**1**	**ug/l**	**1.0**	**2.4**
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	**1**	**ug/l**	**1.0**	**3.7**
Methyl-t-butyl ether	1	ug/l	0.50	ND
Naphthalene	1	ug/l	1.0	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	**1**	**ug/l**	**1.0**	**30**
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
Trichloroethene	**1**	**ug/l**	**1.0**	**7.7**
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.59	30	79	111	99	
Dibromofluoromethane	31.45	30	73	131	105	
Bromofluorobenzene	28.37	30	82	112	95	
1,2-Dichloroethane-d4	33.20	30	78	128	111	

Sample ID: MW2 **Collection Date:** 1/6/2019
Lab#: AD08516-002 **Receipt Date:** 1/7/2019
Matrix: Aqueous

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	10	ug/l	10	ND
1,1-Dichloroethane	10	ug/l	10	ND
1,1-Dichloroethene	10	ug/l	10	ND
1,2,4-Trimethylbenzene	10	ug/l	10	ND
1,2-Dichlorobenzene	10	ug/l	10	ND
1,2-Dichloroethane	10	ug/l	5.0	ND
1,3,5-Trimethylbenzene	10	ug/l	10	ND
1,3-Dichlorobenzene	10	ug/l	10	ND
1,4-Dichlorobenzene	10	ug/l	10	ND
1,4-Dioxane	10	ug/l	500	ND
2-Butanone	10	ug/l	10	ND
4-Isopropyltoluene	10	ug/l	10	ND
Acetone	10	ug/l	50	ND
Benzene	10	ug/l	5.0	ND
Carbon tetrachloride	10	ug/l	10	ND
Chlorobenzene	10	ug/l	10	ND
Chloroform	10	ug/l	10	ND
cis-1,2-Dichloroethene	**10**	**ug/l**	**10**	**220**
Ethylbenzene	10	ug/l	10	ND
Isopropylbenzene	10	ug/l	10	ND
m&p-Xylenes	10	ug/l	10	ND
Methylene chloride	10	ug/l	10	ND
Methyl-t-butyl ether	10	ug/l	5.0	ND
Naphthalene	10	ug/l	10	ND
n-Butylbenzene	10	ug/l	10	ND
n-Propylbenzene	10	ug/l	10	ND
o-Xylene	10	ug/l	10	ND
sec-Butylbenzene	10	ug/l	10	ND
t-Butylbenzene	10	ug/l	10	ND
Tetrachloroethene	**10**	**ug/l**	**10**	**2400**
Toluene	10	ug/l	10	ND
trans-1,2-Dichloroethene	10	ug/l	10	ND
Trichloroethene	**10**	**ug/l**	**10**	**450**
Vinyl chloride	10	ug/l	10	ND
Xylenes (Total)	10	ug/l	10	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.90	30	79	111	100	
Dibromofluoromethane	30.45	30	73	131	102	
Bromofluorobenzene	29.61	30	82	112	99	
1,2-Dichloroethane-d4	30.31	30	78	128	101	

Sample ID: MW3 **Collection Date:** 1/6/2019
Lab#: AD08516-003 **Receipt Date:** 1/7/2019
Matrix: Aqueous

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	10	ug/l	10	ND
1,1-Dichloroethane	10	ug/l	10	ND
1,1-Dichloroethene	10	ug/l	10	ND
1,2,4-Trimethylbenzene	10	ug/l	10	ND
1,2-Dichlorobenzene	10	ug/l	10	ND
1,2-Dichloroethane	10	ug/l	5.0	ND
1,3,5-Trimethylbenzene	10	ug/l	10	ND
1,3-Dichlorobenzene	10	ug/l	10	ND
1,4-Dichlorobenzene	10	ug/l	10	ND
1,4-Dioxane	10	ug/l	500	ND
2-Butanone	10	ug/l	10	ND
4-Isopropyltoluene	10	ug/l	10	ND
Acetone	10	ug/l	50	ND
Benzene	10	ug/l	5.0	ND
Carbon tetrachloride	10	ug/l	10	ND
Chlorobenzene	10	ug/l	10	ND
Chloroform	10	ug/l	10	ND
cis-1,2-Dichloroethene	**10**	**ug/l**	**10**	**19**
Ethylbenzene	10	ug/l	10	ND
Isopropylbenzene	10	ug/l	10	ND
m&p-Xylenes	10	ug/l	10	ND
Methylene chloride	10	ug/l	10	ND
Methyl-t-butyl ether	10	ug/l	5.0	ND
Naphthalene	10	ug/l	10	ND
n-Butylbenzene	10	ug/l	10	ND
n-Propylbenzene	10	ug/l	10	ND
o-Xylene	10	ug/l	10	ND
sec-Butylbenzene	10	ug/l	10	ND
t-Butylbenzene	10	ug/l	10	ND
Tetrachloroethene	**10**	**ug/l**	**10**	**1300**
Toluene	10	ug/l	10	ND
trans-1,2-Dichloroethene	10	ug/l	10	ND
Trichloroethene	**10**	**ug/l**	**10**	**74**
Vinyl chloride	10	ug/l	10	ND
Xylenes (Total)	10	ug/l	10	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.73	30	79	111	99	
Dibromofluoromethane	31.24	30	73	131	104	
Bromofluorobenzene	27.65	30	82	112	92	
1,2-Dichloroethane-d4	31.35	30	78	128	104	

Sample ID: MW4
Lab#: AD08516-004
Matrix: Aqueous

Collection Date: 1/6/2019
Receipt Date: 1/7/2019

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
Acetone	1	ug/l	5.0	ND
Benzene	1	ug/l	0.50	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
Naphthalene	1	ug/l	1.0	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.67	30	79	111	99	
Dibromofluoromethane	30.52	30	73	131	102	
Bromofluorobenzene	27.06	30	82	112	90	
1,2-Dichloroethane-d4	31.50	30	78	128	105	

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

Hampton-Clarke WBE/DBE/SBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 9010710
Page 1 of 1

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124 | DE HSCA Approved

Customer Information

1a) Customer: GFE
Address: 38 NOKOMIS AVE, LK. HIAWATHA NJ 07034
1b) Email/Cell/Fax/Ph: frank640@optonline.net
1c) Send Invoice to:
1d) Send Report to: FRANK GALDUN

Project Information

2a) Project: 4125 LACONIA AVE, BRONX NY
2b) Project Mgr: F GALDUN
2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Data Deliv.
When Available:	Summary (circled)	NJ Hazsite
1 Business Day (100%)*	Results + QC (Waste)	Excel Reg. NJ / NY / PA
2 Business Days (75%)*	Reduced:	EnviroData
3 Business Days (50%)*	[ ] NJ [ ] NY	EQuIS:
4 Business Days (35%)*	[ ] PA [ ] Other___	[ ] 4-File [ ] EZ
5 Business Days (25%) (circled)	NJ Full / NY ASP CatB	[ ] NYDEC
8 Business Days (Stand.)	NY ASP CatA	[ ] Region 2 or 5
Other:		Other: PDF

* Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY ↓
Batch #: AD08516

===> Check If Contingent ===>

Matrix Codes
DW - Drinking Water; S - Soil; A - Air
GW - Ground Water; SL - Sludge
WW - Waste Water; OL - Oil
OT - Other (please specify under item 9, Comments)

7) Analysis *(specify methods & parameter lists)*: EPA 8260 PART 375 & CP-51

<=== Check If Contingent <===

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite (C)	Grab (G)	EPA 8260 PART 375 & CP-51	None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other	9) Comments
001	MW1	GW	1/6/19	11:00		/	✓					2				
002	MW2	↓	↓	11:20		/	✓					2				
003	MW3	↓	↓	11:55		/	✓					2				
004	MW4	↓	↓	1:00		/	✓					2				

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature]	1/7/19	13:00

11) Sampler (print name): FRANK GALDUN Date: 1/6/19

Additional Notes

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):
- [ ] BN or BNA (8270D SIM)
- [ ] VOC (8260C SIM or 8011)
- [ ] SPLP (BN, BNA, Metals)
- [ ] 1,4 Dioxane

For NJ LSRP projects, indicate which standards need to be met:
- [ ] NJDEP GWQS
- [ ] NJDEP SRS
- [ ] NJDEP SPLP
- [ ] Other (specify):

Check if applicable:
- [ ] Project-Specific Reporting Limits
- [ ] High Contaminant Concentrations
- [ ] NJ LSRP Project (also check boxes above/right)

Cooler Temperature: 2.4°

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC [ ] or client [ ] FSP#

ANALYTICAL REPORT

Lab Number:	L1947101
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Jeffrey Wills
Phone:	(631) 232-2366
Project Name:	LACONIA AVE
Project Number:	3390.0001Y000
Report Date:	10/15/19

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1947101-01	RSS-4	SOIL_VAPOR	BRONX, NY	10/08/19 19:08	10/09/19
L1947101-02	RSS-5	SOIL_VAPOR	BRONX, NY	10/08/19 18:50	10/09/19
L1947101-03	RIA-4	AIR	BRONX, NY	10/08/19 18:51	10/09/19
L1947101-04	RSS-6	SOIL_VAPOR	BRONX, NY	10/08/19 19:00	10/09/19
L1947101-05	RIA-5	AIR	BRONX, NY	10/08/19 19:01	10/09/19
L1947101-06	RSS-1	SOIL_VAPOR	BRONX, NY	10/08/19 18:25	10/09/19
L1947101-07	RIA-1	AIR	BRONX, NY	10/08/19 18:27	10/09/19
L1947101-08	RSS-3	SOIL_VAPOR	BRONX, NY	10/08/19 18:37	10/09/19
L1947101-09	RIA-3	AIR	BRONX, NY	10/08/19 18:36	10/09/19
L1947101-10	AA-1	AIR	BRONX, NY	10/08/19 19:17	10/09/19
L1947101-11	RSS-2	SOIL_VAPOR	BRONX, NY	10/08/19 19:28	10/09/19
L1947101-12	RIA-2	AIR	BRONX, NY	10/08/19 19:32	10/09/19
L1947101-13	DUP10082019	AIR	BRONX, NY	10/08/19 20:00	10/09/19

Project Name:	LACONIA AVE	**Lab Number:**	L1947101
Project Number:	3390.0001Y000	**Report Date:**	10/15/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	LACONIA AVE	**Lab Number:**	L1947101
Project Number:	3390.0001Y000	**Report Date:**	10/15/19

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 4, 2019. The canister certification results are provided as an addendum.

L1947101-01,03,08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L1947101-06: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

The WG1295237-3 LCS recovery for dibromochloromethane (132%) and bromoform (133%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/15/19

AIR

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-01 D
Client ID: RSS-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:08
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/19 00:15
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	ND	10.0	--	ND	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	6.05	5.00	--	14.9	12.3	--		10
1,1-Dichloroethene	2.15	2.00	--	8.52	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	325	2.00	--	1290	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	122	2.00	--	484	7.93	--		10

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-01 D
Client ID: RSS-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:08
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	3.16	2.00	--	15.4	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	434	2.00	--	2330	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	573	2.00	--	3890	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-01 D
Client ID: RSS-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:08
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	83		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-02 D
Client ID: RSS-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/19 00:53
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.567	0.333	--	2.80	1.65	--		1.667
Chloromethane	0.482	0.333	--	0.995	0.688	--		1.667
Freon-114	ND	0.333	--	ND	2.33	--		1.667
Vinyl chloride	3.67	0.333	--	9.38	0.851	--		1.667
1,3-Butadiene	ND	0.333	--	ND	0.737	--		1.667
Bromomethane	ND	0.333	--	ND	1.29	--		1.667
Chloroethane	ND	0.333	--	ND	0.879	--		1.667
Ethanol	52.3	8.34	--	98.5	15.7	--		1.667
Vinyl bromide	ND	0.333	--	ND	1.46	--		1.667
Acetone	11.0	1.67	--	26.1	3.97	--		1.667
Trichlorofluoromethane	ND	0.333	--	ND	1.87	--		1.667
Isopropanol	9.44	0.834	--	23.2	2.05	--		1.667
1,1-Dichloroethene	ND	0.333	--	ND	1.32	--		1.667
Tertiary butyl Alcohol	1.02	0.834	--	3.09	2.53	--		1.667
Methylene chloride	ND	0.834	--	ND	2.90	--		1.667
3-Chloropropene	ND	0.333	--	ND	1.04	--		1.667
Carbon disulfide	ND	0.333	--	ND	1.04	--		1.667
Freon-113	ND	0.333	--	ND	2.55	--		1.667
trans-1,2-Dichloroethene	3.65	0.333	--	14.5	1.32	--		1.667
1,1-Dichloroethane	ND	0.333	--	ND	1.35	--		1.667
Methyl tert butyl ether	ND	0.333	--	ND	1.20	--		1.667
2-Butanone	2.55	0.834	--	7.52	2.46	--		1.667
cis-1,2-Dichloroethene	24.2	0.333	--	95.9	1.32	--		1.667

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-02 D
Client ID: RSS-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.834	--	ND	3.01	--		1.667
Chloroform	2.95	0.333	--	14.4	1.63	--		1.667
Tetrahydrofuran	ND	0.834	--	ND	2.46	--		1.667
1,2-Dichloroethane	ND	0.333	--	ND	1.35	--		1.667
n-Hexane	ND	0.333	--	ND	1.17	--		1.667
1,1,1-Trichloroethane	ND	0.333	--	ND	1.82	--		1.667
Benzene	0.998	0.333	--	3.19	1.06	--		1.667
Carbon tetrachloride	ND	0.333	--	ND	2.09	--		1.667
Cyclohexane	ND	0.333	--	ND	1.15	--		1.667
1,2-Dichloropropane	ND	0.333	--	ND	1.54	--		1.667
Bromodichloromethane	ND	0.333	--	ND	2.23	--		1.667
1,4-Dioxane	ND	0.333	--	ND	1.20	--		1.667
Trichloroethene	70.2	0.333	--	377	1.79	--		1.667
2,2,4-Trimethylpentane	ND	0.333	--	ND	1.56	--		1.667
Heptane	0.407	0.333	--	1.67	1.36	--		1.667
cis-1,3-Dichloropropene	ND	0.333	--	ND	1.51	--		1.667
4-Methyl-2-pentanone	ND	0.834	--	ND	3.42	--		1.667
trans-1,3-Dichloropropene	ND	0.333	--	ND	1.51	--		1.667
1,1,2-Trichloroethane	ND	0.333	--	ND	1.82	--		1.667
Toluene	1.39	0.333	--	5.24	1.25	--		1.667
2-Hexanone	ND	0.333	--	ND	1.36	--		1.667
Dibromochloromethane	ND	0.333	--	ND	2.84	--		1.667
1,2-Dibromoethane	ND	0.333	--	ND	2.56	--		1.667
Tetrachloroethene	102	0.333	--	692	2.26	--		1.667
Chlorobenzene	ND	0.333	--	ND	1.53	--		1.667
Ethylbenzene	1.93	0.333	--	8.38	1.45	--		1.667

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-02 D
Client ID: RSS-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:50
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.28	0.667	--	9.90	2.90	--		1.667
Bromoform	ND	0.333	--	ND	3.44	--		1.667
Styrene	ND	0.333	--	ND	1.42	--		1.667
1,1,2,2-Tetrachloroethane	ND	0.333	--	ND	2.29	--		1.667
o-Xylene	0.438	0.333	--	1.90	1.45	--		1.667
4-Ethyltoluene	ND	0.333	--	ND	1.64	--		1.667
1,3,5-Trimethylbenzene	ND	0.333	--	ND	1.64	--		1.667
1,2,4-Trimethylbenzene	0.423	0.333	--	2.08	1.64	--		1.667
Benzyl chloride	ND	0.333	--	ND	1.72	--		1.667
1,3-Dichlorobenzene	ND	0.333	--	ND	2.00	--		1.667
1,4-Dichlorobenzene	ND	0.333	--	ND	2.00	--		1.667
1,2-Dichlorobenzene	ND	0.333	--	ND	2.00	--		1.667
1,2,4-Trichlorobenzene	ND	0.333	--	ND	2.47	--		1.667
Hexachlorobutadiene	ND	0.333	--	ND	3.55	--		1.667

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	88		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-03
Client ID: RIA-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:51
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 19:36
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.420	0.200	--	2.08	0.989	--		1
Chloromethane	0.728	0.200	--	1.50	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.648	0.200	--	1.43	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	175	5.00	--	330	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	86.9	1.00	--	206	2.38	--		1
Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--		1
Isopropanol	27.6	0.500	--	67.8	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	8.53	0.500	--	25.2	1.47	--		1
Ethyl Acetate	3.50	0.500	--	12.6	1.80	--		1
Chloroform	1.69	0.200	--	8.25	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-03
Client ID: RIA-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:51
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.952	0.200	--	3.36	0.705	--		1
Benzene	3.00	0.200	--	9.58	0.639	--		1
Cyclohexane	0.200	0.200	--	0.688	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.394	0.200	--	1.84	0.934	--		1
Heptane	1.17	0.200	--	4.79	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.74	0.200	--	6.56	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	3.97	0.200	--	17.2	0.869	--		1
p/m-Xylene	4.08	0.400	--	17.7	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.304	0.200	--	1.29	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.616	0.200	--	2.68	0.869	--		1
4-Ethyltoluene	0.246	0.200	--	1.21	0.983	--		1
1,3,5-Trimethylbenzene	0.266	0.200	--	1.31	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-03
Client ID: RIA-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:51
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.714	0.200	--	3.51	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-03
Client ID: RIA-4
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:51
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 19:36
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.107	0.020	--	0.424	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.100	0.020	--	0.629	0.126	--		1
Trichloroethene	0.462	0.020	--	2.48	0.107	--		1
Tetrachloroethene	2.22	0.020	--	15.1	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-04
Client ID: RSS-6
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/19 01:33
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.06	0.200	--	5.24	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	141	5.00	--	266	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	10.1	1.00	--	24.0	2.38	--		1
Trichlorofluoromethane	0.233	0.200	--	1.31	1.12	--		1
Isopropanol	7.87	0.500	--	19.3	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.853	0.500	--	2.59	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.417	0.200	--	1.30	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.47	0.500	--	7.28	1.47	--		1
cis-1,2-Dichloroethene	0.927	0.200	--	3.68	0.793	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-04
Client ID: RSS-6
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	1.40	0.500	--	5.05	1.80	--		1
Chloroform	13.9	0.200	--	67.9	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.264	0.200	--	0.930	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.849	0.200	--	2.71	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	10.8	0.200	--	58.0	1.07	--		1
2,2,4-Trimethylpentane	0.261	0.200	--	1.22	0.934	--		1
Heptane	0.542	0.200	--	2.22	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.69	0.200	--	6.37	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	30.7	0.200	--	208	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.16	0.200	--	9.38	0.869	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000
Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-04
Client ID: RSS-6
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.62	0.400	--	11.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.486	0.200	--	2.11	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.478	0.200	--	2.35	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-05
Client ID: RIA-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:01
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 20:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.416	0.200	--	2.06	0.989	--		1
Chloromethane	0.696	0.200	--	1.44	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.624	0.200	--	1.38	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	184	5.00	--	347	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	90.4	1.00	--	215	2.38	--		1
Trichlorofluoromethane	0.215	0.200	--	1.21	1.12	--		1
Isopropanol	26.2	0.500	--	64.4	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	9.05	0.500	--	26.7	1.47	--		1
Ethyl Acetate	3.51	0.500	--	12.6	1.80	--		1
Chloroform	2.12	0.200	--	10.4	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-05
Client ID: RIA-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:01
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.36	0.200	--	4.79	0.705	--		1
Benzene	3.15	0.200	--	10.1	0.639	--		1
Cyclohexane	0.303	0.200	--	1.04	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.576	0.200	--	2.69	0.934	--		1
Heptane	1.31	0.200	--	5.37	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.37	0.200	--	8.93	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.52	0.200	--	19.6	0.869	--		1
p/m-Xylene	4.73	0.400	--	20.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.324	0.200	--	1.38	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.735	0.200	--	3.19	0.869	--		1
4-Ethyltoluene	0.349	0.200	--	1.72	0.983	--		1
1,3,5-Trimethylbenzene	0.289	0.200	--	1.42	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-05
Client ID: RIA-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:01
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.766	0.200	--	3.77	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.210	0.200	--	1.26	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-05
Client ID: RIA-5
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:01
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 20:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.113	0.020	--	0.448	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.097	0.020	--	0.610	0.126	--		1
Trichloroethene	0.444	0.020	--	2.39	0.107	--		1
Tetrachloroethene	2.18	0.020	--	14.8	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	87		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-06 D
Client ID: RSS-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:25
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/19 02:11
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4550	--	ND	22500	--		22730
Chloromethane	ND	4550	--	ND	9400	--		22730
Freon-114	ND	4550	--	ND	31800	--		22730
Vinyl chloride	ND	4550	--	ND	11600	--		22730
1,3-Butadiene	ND	4550	--	ND	10100	--		22730
Bromomethane	ND	4550	--	ND	17700	--		22730
Chloroethane	ND	4550	--	ND	12000	--		22730
Ethanol	ND	114000	--	ND	215000	--		22730
Vinyl bromide	ND	4550	--	ND	19900	--		22730
Acetone	ND	22700	--	ND	53900	--		22730
Trichlorofluoromethane	ND	4550	--	ND	25600	--		22730
Isopropanol	ND	11400	--	ND	28000	--		22730
1,1-Dichloroethene	ND	4550	--	ND	18000	--		22730
Tertiary butyl Alcohol	ND	11400	--	ND	34600	--		22730
Methylene chloride	ND	11400	--	ND	39600	--		22730
3-Chloropropene	ND	4550	--	ND	14200	--		22730
Carbon disulfide	ND	4550	--	ND	14200	--		22730
Freon-113	ND	4550	--	ND	34900	--		22730
trans-1,2-Dichloroethene	ND	4550	--	ND	18000	--		22730
1,1-Dichloroethane	ND	4550	--	ND	18400	--		22730
Methyl tert butyl ether	ND	4550	--	ND	16400	--		22730
2-Butanone	ND	11400	--	ND	33600	--		22730
cis-1,2-Dichloroethene	ND	4550	--	ND	18000	--		22730

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-06 D
Client ID: RSS-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:25
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	11400	--	ND	41100	--		22730
Chloroform	ND	4550	--	ND	22200	--		22730
Tetrahydrofuran	ND	11400	--	ND	33600	--		22730
1,2-Dichloroethane	ND	4550	--	ND	18400	--		22730
n-Hexane	515000	4550	--	1820000	16000	--		22730
1,1,1-Trichloroethane	ND	4550	--	ND	24800	--		22730
Benzene	7640	4550	--	24400	14500	--		22730
Carbon tetrachloride	ND	4550	--	ND	28600	--		22730
Cyclohexane	54000	4550	--	186000	15700	--		22730
1,2-Dichloropropane	ND	4550	--	ND	21000	--		22730
Bromodichloromethane	ND	4550	--	ND	30500	--		22730
1,4-Dioxane	ND	4550	--	ND	16400	--		22730
Trichloroethene	ND	4550	--	ND	24500	--		22730
2,2,4-Trimethylpentane	354000	4550	--	1650000	21300	--		22730
Heptane	63100	4550	--	259000	18600	--		22730
cis-1,3-Dichloropropene	ND	4550	--	ND	20700	--		22730
4-Methyl-2-pentanone	ND	11400	--	ND	46700	--		22730
trans-1,3-Dichloropropene	ND	4550	--	ND	20700	--		22730
1,1,2-Trichloroethane	ND	4550	--	ND	24800	--		22730
Toluene	ND	4550	--	ND	17100	--		22730
2-Hexanone	ND	4550	--	ND	18600	--		22730
Dibromochloromethane	ND	4550	--	ND	38800	--		22730
1,2-Dibromoethane	ND	4550	--	ND	35000	--		22730
Tetrachloroethene	ND	4550	--	ND	30900	--		22730
Chlorobenzene	ND	4550	--	ND	21000	--		22730
Ethylbenzene	ND	4550	--	ND	19800	--		22730

Project Name: LACONIA AVE
Project Number: 3390.0001Y000
Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-06 D
Client ID: RSS-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:25
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	9090	--	ND	39500	--		22730
Bromoform	ND	4550	--	ND	47000	--		22730
Styrene	ND	4550	--	ND	19400	--		22730
1,1,2,2-Tetrachloroethane	ND	4550	--	ND	31200	--		22730
o-Xylene	ND	4550	--	ND	19800	--		22730
4-Ethyltoluene	ND	4550	--	ND	22400	--		22730
1,3,5-Trimethylbenzene	ND	4550	--	ND	22400	--		22730
1,2,4-Trimethylbenzene	ND	4550	--	ND	22400	--		22730
Benzyl chloride	ND	4550	--	ND	23600	--		22730
1,3-Dichlorobenzene	ND	4550	--	ND	27400	--		22730
1,4-Dichlorobenzene	ND	4550	--	ND	27400	--		22730
1,2-Dichlorobenzene	ND	4550	--	ND	27400	--		22730
1,2,4-Trichlorobenzene	ND	4550	--	ND	33800	--		22730
Hexachlorobutadiene	ND	4550	--	ND	48500	--		22730

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-07
Client ID: RIA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:27
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 21:36
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.379	0.200	--	1.87	0.989	--		1
Chloromethane	0.504	0.200	--	1.04	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	174	5.00	--	328	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.72	1.00	--	4.09	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.37	0.500	--	3.37	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

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Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-07
Client ID: RIA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:27
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.423	0.200	--	1.49	0.705	--		1
Benzene	0.243	0.200	--	0.776	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.579	0.200	--	2.70	0.934	--		1
Heptane	0.422	0.200	--	1.73	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.645	0.200	--	2.43	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.430	0.400	--	1.87	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.200	0.200	--	0.869	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-07
Client ID: RIA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:27
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-07
Client ID: RIA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:27
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 21:36
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.036	0.020	--	0.196	0.109	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Trichloroethene	0.026	0.020	--	0.140	0.107	--		1
Tetrachloroethene	0.466	0.020	--	3.16	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	84		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-08 D
Client ID: RSS-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:37
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/19 08:52
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.19	--	ND	5.88	--		5.971
Chloromethane	ND	1.19	--	ND	2.46	--		5.971
Freon-114	ND	1.19	--	ND	8.32	--		5.971
Vinyl chloride	ND	1.19	--	ND	3.04	--		5.971
1,3-Butadiene	ND	1.19	--	ND	2.63	--		5.971
Bromomethane	ND	1.19	--	ND	4.62	--		5.971
Chloroethane	ND	1.19	--	ND	3.14	--		5.971
Ethanol	ND	29.8	--	ND	56.2	--		5.971
Vinyl bromide	ND	1.19	--	ND	5.20	--		5.971
Acetone	7.08	5.97	--	16.8	14.2	--		5.971
Trichlorofluoromethane	ND	1.19	--	ND	6.69	--		5.971
Isopropanol	7.48	2.98	--	18.4	7.33	--		5.971
1,1-Dichloroethene	ND	1.19	--	ND	4.72	--		5.971
Tertiary butyl Alcohol	ND	2.98	--	ND	9.03	--		5.971
Methylene chloride	ND	2.98	--	ND	10.4	--		5.971
3-Chloropropene	ND	1.19	--	ND	3.72	--		5.971
Carbon disulfide	ND	1.19	--	ND	3.71	--		5.971
Freon-113	ND	1.19	--	ND	9.12	--		5.971
trans-1,2-Dichloroethene	1.72	1.19	--	6.82	4.72	--		5.971
1,1-Dichloroethane	ND	1.19	--	ND	4.82	--		5.971
Methyl tert butyl ether	ND	1.19	--	ND	4.29	--		5.971
2-Butanone	ND	2.98	--	ND	8.79	--		5.971
cis-1,2-Dichloroethene	7.19	1.19	--	28.5	4.72	--		5.971

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-08 D
Client ID: RSS-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:37
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.98	--	ND	10.7	--		5.971
Chloroform	58.5	1.19	--	286	5.81	--		5.971
Tetrahydrofuran	ND	2.98	--	ND	8.79	--		5.971
1,2-Dichloroethane	ND	1.19	--	ND	4.82	--		5.971
n-Hexane	ND	1.19	--	ND	4.19	--		5.971
1,1,1-Trichloroethane	ND	1.19	--	ND	6.49	--		5.971
Benzene	ND	1.19	--	ND	3.80	--		5.971
Carbon tetrachloride	ND	1.19	--	ND	7.49	--		5.971
Cyclohexane	ND	1.19	--	ND	4.10	--		5.971
1,2-Dichloropropane	ND	1.19	--	ND	5.50	--		5.971
Bromodichloromethane	ND	1.19	--	ND	7.97	--		5.971
1,4-Dioxane	ND	1.19	--	ND	4.29	--		5.971
Trichloroethene	73.0	1.19	--	392	6.40	--		5.971
2,2,4-Trimethylpentane	ND	1.19	--	ND	5.56	--		5.971
Heptane	ND	1.19	--	ND	4.88	--		5.971
cis-1,3-Dichloropropene	ND	1.19	--	ND	5.40	--		5.971
4-Methyl-2-pentanone	ND	2.98	--	ND	12.2	--		5.971
trans-1,3-Dichloropropene	ND	1.19	--	ND	5.40	--		5.971
1,1,2-Trichloroethane	ND	1.19	--	ND	6.49	--		5.971
Toluene	1.52	1.19	--	5.73	4.48	--		5.971
2-Hexanone	ND	1.19	--	ND	4.88	--		5.971
Dibromochloromethane	ND	1.19	--	ND	10.1	--		5.971
1,2-Dibromoethane	ND	1.19	--	ND	9.15	--		5.971
Tetrachloroethene	325	1.19	--	2200	8.07	--		5.971
Chlorobenzene	ND	1.19	--	ND	5.48	--		5.971
Ethylbenzene	ND	1.19	--	ND	5.17	--		5.971

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-08 D
Client ID: RSS-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:37
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	2.39	--	ND	10.4	--		5.971
Bromoform	ND	1.19	--	ND	12.3	--		5.971
Styrene	ND	1.19	--	ND	5.07	--		5.971
1,1,2,2-Tetrachloroethane	ND	1.19	--	ND	8.17	--		5.971
o-Xylene	ND	1.19	--	ND	5.17	--		5.971
4-Ethyltoluene	ND	1.19	--	ND	5.85	--		5.971
1,3,5-Trimethylbenzene	ND	1.19	--	ND	5.85	--		5.971
1,2,4-Trimethylbenzene	ND	1.19	--	ND	5.85	--		5.971
Benzyl chloride	ND	1.19	--	ND	6.16	--		5.971
1,3-Dichlorobenzene	ND	1.19	--	ND	7.15	--		5.971
1,4-Dichlorobenzene	ND	1.19	--	ND	7.15	--		5.971
1,2-Dichlorobenzene	ND	1.19	--	ND	7.15	--		5.971
1,2,4-Trichlorobenzene	ND	1.19	--	ND	8.83	--		5.971
Hexachlorobutadiene	ND	1.19	--	ND	12.7	--		5.971

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-09
Client ID: RIA-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:36
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 22:16
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.380	0.200	--	1.88	0.989	--		1
Chloromethane	0.503	0.200	--	1.04	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	139	5.00	--	262	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.94	1.00	--	6.98	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	2.74	0.500	--	6.74	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-09
Client ID: RIA-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:36
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.292	0.200	--	1.03	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.261	0.200	--	1.22	0.934	--		1
Heptane	0.361	0.200	--	1.48	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.545	0.200	--	2.05	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-09
Client ID: RIA-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:36
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-09
Client ID: RIA-3
Sample Location: BRONX, NY

Date Collected: 10/08/19 18:36
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 22:16
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.288	0.020	--	1.95	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	87		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-10
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:17
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 18:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.393	0.200	--	1.94	0.989	--		1
Chloromethane	0.491	0.200	--	1.01	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.74	1.00	--	4.13	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-10
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:17
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.204	0.200	--	0.769	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-10
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:17
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-10
Client ID: AA-1
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:17
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 18:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.064	0.020	--	0.403	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.037	0.020	--	0.251	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-11
Client ID: RSS-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:28
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/19 03:29
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.520	0.200	--	2.57	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	104	5.00	--	196	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.84	1.00	--	21.0	2.38	--		1
Trichlorofluoromethane	0.437	0.200	--	2.46	1.12	--		1
Isopropanol	9.08	0.500	--	22.3	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.05	0.500	--	3.18	1.52	--		1
Methylene chloride	0.900	0.500	--	3.13	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.422	0.200	--	1.31	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.24	0.500	--	6.61	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-11
Client ID: RSS-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:28
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	1.41	0.500	--	5.08	1.80	--		1
Chloroform	64.7	0.200	--	316	0.977	--		1
Tetrahydrofuran	1.04	0.500	--	3.07	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.276	0.200	--	0.973	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.213	0.200	--	0.680	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	0.630	0.200	--	4.22	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.696	0.200	--	3.74	1.07	--		1
2,2,4-Trimethylpentane	0.387	0.200	--	1.81	0.934	--		1
Heptane	0.325	0.200	--	1.33	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.643	0.500	--	2.64	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.85	0.200	--	6.97	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	39.2	0.200	--	266	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.426	0.200	--	1.85	0.869	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-11
Client ID: RSS-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:28
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.10	0.400	--	4.78	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.446	0.200	--	1.94	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.579	0.200	--	2.85	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	91		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-12
Client ID: RIA-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:32
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 22:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.422	0.200	--	2.09	0.989	--		1
Chloromethane	0.509	0.200	--	1.05	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.44	5.00	--	12.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.13	1.00	--	5.06	2.38	--		1
Trichlorofluoromethane	0.405	0.200	--	2.28	1.12	--		1
Isopropanol	2.25	0.500	--	5.53	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	3.47	0.500	--	12.1	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.505	0.200	--	2.47	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-12
Client ID: RIA-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:32
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.09	0.200	--	3.84	0.705	--		1
Benzene	0.342	0.200	--	1.09	0.639	--		1
Cyclohexane	0.302	0.200	--	1.04	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.787	0.200	--	3.68	0.934	--		1
Heptane	0.443	0.200	--	1.82	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.37	0.200	--	5.16	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.337	0.200	--	1.46	0.869	--		1
p/m-Xylene	0.992	0.400	--	4.31	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.398	0.200	--	1.73	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-12
Client ID: RIA-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:32
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.392	0.200	--	1.93	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.209	0.200	--	1.26	1.20	--		1
1,2-Dichlorobenzene	0.302	0.200	--	1.82	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-12
Client ID: RIA-2
Sample Location: BRONX, NY

Date Collected: 10/08/19 19:32
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 22:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.021	0.020	--	0.083	0.079	--		1
1,1,1-Trichloroethane	0.047	0.020	--	0.256	0.109	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Trichloroethene	0.124	0.020	--	0.666	0.107	--		1
Tetrachloroethene	4.10	0.020	--	27.8	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	86		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-13
Client ID: DUP10082019
Sample Location: BRONX, NY

Date Collected: 10/08/19 20:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/19 23:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.414	0.200	--	2.05	0.989	--		1
Chloromethane	0.515	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.70	5.00	--	12.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.80	1.00	--	4.28	2.38	--		1
Trichlorofluoromethane	0.418	0.200	--	2.35	1.12	--		1
Isopropanol	2.42	0.500	--	5.95	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	3.56	0.500	--	12.4	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.507	0.200	--	2.48	0.977	--		1
Tetrahydrofuran	0.984	0.500	--	2.90	1.47	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000
Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-13
Client ID: DUP10082019
Sample Location: BRONX, NY

Date Collected: 10/08/19 20:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.13	0.200	--	3.98	0.705	--		1
Benzene	0.352	0.200	--	1.12	0.639	--		1
Cyclohexane	0.317	0.200	--	1.09	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.813	0.200	--	3.80	0.934	--		1
Heptane	0.464	0.200	--	1.90	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.40	0.200	--	5.28	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.339	0.200	--	1.47	0.869	--		1
p/m-Xylene	1.04	0.400	--	4.52	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.415	0.200	--	1.80	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-13
Client ID: DUP10082019
Sample Location: BRONX, NY

Date Collected: 10/08/19 20:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.401	0.200	--	1.97	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.209	0.200	--	1.26	1.20	--		1
1,2-Dichlorobenzene	0.307	0.200	--	1.85	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

SAMPLE RESULTS

Lab ID: L1947101-13
Client ID: DUP10082019
Sample Location: BRONX, NY

Date Collected: 10/08/19 20:00
Date Received: 10/09/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 23:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.021	0.020	--	0.083	0.079	--		1
1,1,1-Trichloroethane	0.054	0.020	--	0.295	0.109	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Trichloroethene	0.127	0.020	--	0.683	0.107	--		1
Tetrachloroethene	4.16	0.020	--	28.2	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	85		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000
Lab Number: L1947101
Report Date: 10/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/11/19 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-13 Batch: WG1295236-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000
Lab Number: L1947101
Report Date: 10/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/11/19 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-13 Batch: WG1295236-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/11/19 14:52

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-13 Batch: WG1295236-4								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/11/19 15:32

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 03,05,07,09-10,12-13 Batch: WG1295237-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 Batch: WG1295236-3								
Propylene	123		-		70-130	-		
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	111		-		70-130	-		
Freon-114	112		-		70-130	-		
Vinyl chloride	115		-		70-130	-		
1,3-Butadiene	112		-		70-130	-		
Bromomethane	113		-		70-130	-		
Chloroethane	114		-		70-130	-		
Ethanol	109		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	83		-		40-160	-		
Trichlorofluoromethane	77		-		70-130	-		
Isopropanol	84		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	81		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	114		-		70-130	-		
Carbon disulfide	94		-		70-130	-		
Freon-113	99		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		
1,1-Dichloroethane	101		-		70-130	-		
Methyl tert butyl ether	80		-		70-130	-		
Vinyl acetate	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 Batch: WG1295236-3								
2-Butanone	105		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		
Ethyl Acetate	116		-		70-130	-		
Chloroform	91		-		70-130	-		
Tetrahydrofuran	103		-		70-130	-		
1,2-Dichloroethane	84		-		70-130	-		
n-Hexane	107		-		70-130	-		
1,1,1-Trichloroethane	91		-		70-130	-		
Benzene	97		-		70-130	-		
Carbon tetrachloride	99		-		70-130	-		
Cyclohexane	105		-		70-130	-		
1,2-Dichloropropane	116		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	102		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	106		-		70-130	-		
Heptane	109		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	113		-		70-130	-		
trans-1,3-Dichloropropene	82		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	104		-		70-130	-		
2-Hexanone	124		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 Batch: WG1295236-3								
Dibromochloromethane	125		-		70-130	-		
1,2-Dibromoethane	113		-		70-130	-		
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	100		-		70-130	-		
p/m-Xylene	97		-		70-130	-		
Bromoform	119		-		70-130	-		
Styrene	94		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	98		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	90		-		70-130	-		
1,2,4-Trimethylbenzene	95		-		70-130	-		
Benzyl chloride	94		-		70-130	-		
1,3-Dichlorobenzene	89		-		70-130	-		
1,4-Dichlorobenzene	86		-		70-130	-		
1,2-Dichlorobenzene	87		-		70-130	-		
1,2,4-Trichlorobenzene	78		-		70-130	-		
Hexachlorobutadiene	80		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: LACONIA AVE

Project Number: 3390.0001Y000

Lab Number: L1947101

Report Date: 10/15/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03,05,07,09-10,12-13 Batch: WG1295237-3								
Vinyl chloride	106		-		70-130	-		25
1,1-Dichloroethene	96		-		70-130	-		25
cis-1,2-Dichloroethene	99		-		70-130	-		25
1,1,1-Trichloroethane	87		-		70-130	-		25
Carbon tetrachloride	98		-		70-130	-		25
Trichloroethene	94		-		70-130	-		25
Tetrachloroethene	99		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1295236-5 QC Sample: L1947101-03 Client ID: RIA-4						
Dichlorodifluoromethane	0.420	0.407	ppbV	3		25
Chloromethane	0.728	0.696	ppbV	4		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	0.648	0.645	ppbV	0		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	175	177	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	86.9	86.5	ppbV	0		25
Trichlorofluoromethane	0.221	0.222	ppbV	0		25
Isopropanol	27.6	27.4	ppbV	1		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	8.53	8.57	ppbV	0		25
Ethyl Acetate	3.50	3.52	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1295236-5 QC Sample: L1947101-03 Client ID: RIA-4						
Chloroform	1.69	1.73	ppbV	2		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.952	0.932	ppbV	2		25
Benzene	3.00	3.05	ppbV	2		25
Cyclohexane	0.200	0.202	ppbV	1		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	0.394	0.394	ppbV	0		25
Heptane	1.17	1.17	ppbV	0		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	1.74	1.75	ppbV	1		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	3.97	3.99	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1295236-5 QC Sample: L1947101-03 Client ID: RIA-4						
p/m-Xylene	4.08	4.14	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.304	0.305	ppbV	0		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.616	0.624	ppbV	1		25
4-Ethyltoluene	0.246	0.272	ppbV	10		25
1,3,5-Trimethylbenzene	0.266	0.263	ppbV	1		25
1,2,4-Trimethylbenzene	0.714	0.725	ppbV	2		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	0.201	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03,05,07,09-10,12-13 QC Batch ID: WG1295237-5 QC Sample: L1947101-03 Client ID: RIA-4						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	0.107	0.109	ppbV	2		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.100	0.102	ppbV	2		25
Trichloroethene	0.462	0.466	ppbV	1		25
Tetrachloroethene	2.22	2.27	ppbV	2		25

Project Name: LACONIA AVE

Project Number: 3390.0001Y000

Lab Number: L1947101

Report Date: 10/15/19

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1947101-01	RSS-4	0761	Flow 4	10/04/19	303971		-	-	-	Pass	10.0	10.7	7
L1947101-01	RSS-4	1544	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.5	-6.5	-	-	-	-
L1947101-02	RSS-5	0718	Flow 4	10/04/19	303971		-	-	-	Pass	10.0	11.1	10
L1947101-02	RSS-5	1632	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.0	-6.1	-	-	-	-
L1947101-03	RIA-4	0943	Flow 1	10/04/19	303971		-	-	-	Pass	10.0	10.4	4
L1947101-03	RIA-4	614	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.0	-5.2	-	-	-	-
L1947101-04	RSS-6	01029	Flow 4	10/04/19	303971		-	-	-	Pass	10.0	11.6	15
L1947101-04	RSS-6	2724	6.0L Can	10/04/19	303971	L1943722-08	Pass	-29.0	-3.4	-	-	-	-
L1947101-05	RIA-5	01003	Flow 5	10/04/19	303971		-	-	-	Pass	10.0	9.2	8
L1947101-05	RIA-5	1545	6.0L Can	10/04/19	303971	L1943722-08	Pass	-29.5	-6.2	-	-	-	-
L1947101-06	RSS-1	0121	Flow 4	10/04/19	303971		-	-	-	Pass	10.0	10.4	4
L1947101-06	RSS-1	771	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.5	-6.1	-	-	-	-
L1947101-07	RIA-1	01021	Flow 5	10/04/19	303971		-	-	-	Pass	10.0	9.7	3
L1947101-07	RIA-1	2526	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.5	-4.6	-	-	-	-
L1947101-08	RSS-3	01168	Flow 3	10/04/19	303971		-	-	-	Pass	10.0	11.5	14

Project Name: LACONIA AVE

Project Number: 3390.0001Y000

Lab Number: L1947101

Report Date: 10/15/19

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1947101-08	RSS-3	588	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.3	-4.8	-	-	-	-
L1947101-09	RIA-3	01248	FLOW 5	10/04/19	303971		-	-	-	Pass	9.4	7.9	17
L1947101-09	RIA-3	2282	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.0	0.0	-	-	-	-
L1947101-10	AA-1	01056	Flow 5	10/04/19	303971		-	-	-	Pass	10.0	8.8	13
L1947101-10	AA-1	2050	6.0L Can	10/04/19	303971	L1943722-08	Pass	-29.4	-5.2	-	-	-	-
L1947101-11	RSS-2	0679	Flow 4	10/04/19	303971		-	-	-	Pass	10.0	10.0	0
L1947101-11	RSS-2	2696	6.0L Can	10/04/19	303971	L1943722-07	Pass	-29.5	-5.5	-	-	-	-
L1947101-12	RIA-2	0120	Flow 5	10/04/19	303971		-	-	-	Pass	10.0	8.9	12
L1947101-12	RIA-2	1550	6.0L Can	10/04/19	303971	L1943722-08	Pass	-29.1	-6.8	-	-	-	-
L1947101-13	DUP10082019	0904	Flow 4	10/04/19	303971		-	-	-	Pass	10.0	11.4	13
L1947101-13	DUP10082019	1037	6.0L Can	10/04/19	303971	L1943722-08	Pass	-29.0	-7.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/25/19 01:53
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	110		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	110		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/25/19 01:53
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-07
Client ID: CAN 1666 SHELF 51
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	112		60-140
bromochloromethane	114		60-140
chlorobenzene-d5	112		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/25/19 02:33
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1943722
Report Date: 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	111		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	112		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/25/19 02:33
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1943722

Project Number: CANISTER QC BAT **Report Date:** 10/15/19

Air Canister Certification Results

Lab ID: L1943722-08
Client ID: CAN 1895 SHELF 52
Sample Location:

Date Collected: 09/23/19 09:00
Date Received: 09/23/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	112		60-140
bromochloromethane	115		60-140
chlorobenzene-d5	112		60-140

Project Name: LACONIA AVE
Project Number: 3390.0001Y000

Lab Number: L1947101
Report Date: 10/15/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947101-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1947101-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1947101-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947101-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1947101-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947101-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1947101-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1947101-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1947101-09A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947101-10A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947101-11A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L1947101-12A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1947101-13A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	LACONIA AVE	**Lab Number:**	L1947101
Project Number:	3390.0001Y000	**Report Date:**	10/15/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	LACONIA AVE	**Lab Number:**	L1947101
Project Number:	3390.0001Y000	**Report Date:**	10/15/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/10/19

ALPHA Job #: L1947101

Client Information

Client: Roux
Address: 209 SHAFFER ST
ISLANDIA, NY 11749
Phone: (631) 232-2600
Fax:
Email: JWILLS@ROUXINC.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Lacasia Ave
Project Location: Bronx, NY
Project #: 3390.0001.000
Project Manager: Jeff Wills
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker: CATS
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (solvent non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
47101.01	RSS-4	10/8/19	1106	1908	-30.29	-7.15	SV	JM	6L	1544	0761	X					PID: 4e.0
.02	RSS-5	10/8/19	1050	1850	-31.49	-5.17	SV	JM	6L	1632	0718	X					PID: 2.4ppm
.03	RIA-4	10/8/19	1051	1851	-30.09	-5.89	AA	JM	6L	1614	0943	X					
.04	RSS-6	10/8/19	1100	1900	-30.27	-4.16	SV	JM	6L	2724	01029	X					PID: 10.4ppm
.05	RIA-5	10/8/19	1101	1901	-30.01	-6.47	AA	JM	6L	1545	01003	X					
.06	RSS-1	10/8/19	1020	1825	-30.05	-6.47	SV	JM	6L	771	0121	X					PID: 993.3ppm
.07	RIA-1	10/8/19	1022	1827	-30.35	-5.08	AA	JM	6L	25260	01021	X					
.08	RSS-3	10/8/19	1030	1837	-30.39	-5.41	SV	JM	6L	588	01168	X					PID: 398.3
.09	RIA-3	10/8/19	1031	1836	-30.25	-6.87	AA	JM	6L	2282	01248	X					
.10	AA-1	10/8/19	1115	1917	-30.16	-6.15	AA	JM	6L	2052	01058	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	10/9/19 1045		10/9/19 10:45
AAL	10/9/19 15:17	AAL	10/9/19 2200
AAL	10/10/19 0345		10/10/19 0345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

Serial_No:10151914:50

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/10/19

ALPHA Job #: L1947101

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Islandia, NY 11749
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Fax:
Email: jwills@rouxinc.com

☐ These samples have been previously analyzed by Alpha

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ALPHA Quote #:

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Date Due: Time:

Report Information - Data Deliverables

☐ FAX
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(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
47101.11	RSS-2	10/8/19	1128	1928	-30.53	-5.95	SV	JM	6L	2696	0679	X					PID: 715000
.12	RIA-2	10/8/19	1132	1932	-30.66	-7.39	AA	JM	6L	1850	0120	″					
.13	DUP 10082019	10/8/19	1200	2000	-30.34	-7.29	AA	JM	6L	1037	0904	″					

***SAMPLE MATRIX CODES**
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	10/9/19 @ 1045	[signature] - AAL	10/9/19 10:45
[signature] - AAL	10/9/19 1532	[signature]	10/9/19 2200
[signature] AAL	10/10/19 0340	[signature]	10/10/19 0340

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)