284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 416 CLINTON ST HEMPSTEAD

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : Q1801

ATTENTION : Frank Galdun

Laboratory Certification ID # 20012

Table Of Contents for Q1801

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Cover Page

Order ID : Q1801

Project ID : 416 Clinton St Hempstead

Client : GFE LLC

Lab Sample Number	Client Sample Number
Q1801-01	SS2R
Q1801-02	SS3

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 : _____

Date: 4/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

GFE LLC
Project Name: 416 Clinton St Hempstead
Project # N/A
Chemtech Project # Q1801
Test Name: TO-15

A. Number of Samples and Date of Receipt:
2 Air samples were received on 04/14/2025.

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 {Q1844-02DUP} with File ID: VL042403.D met criteria except for Cyclohexane[200%]due to difference in results of original and DUP.

The Blank Spike 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.

Due to potential high concentration of target analytes, Samples SS2R, SS3 were initially diluted.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1801

	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	✓

QA Review Signature: SOHIL JODHANI **Date:** 04/23/2025

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LAB CHRONICLE

OrderID:	Q1801	**OrderDate:**	4/14/2025 11:40:00 AM
Client:	GFE LLC	**Project:**	416 Clinton St Hempstead
Contact:	Frank Galdun	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1801-01	**SS2R**	**Air**			**04/12/25**			**04/14/25**
			TO-15	TO-15			04/21/25	
Q1801-02	**SS3**	**Air**			**04/12/25**			**04/14/25**
			TO-15	TO-15			04/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1801

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SS2R**							
Q1801-01	SS2R	Air	Heptane	1.89	J	1.80	8.20	ug/m3
Q1801-01	SS2R	Air	Acetone	6.89		2.28	4.75	ug/m3
Q1801-01	SS2R	Air	Methylene Chloride	3.13	J	2.64	6.95	ug/m3
Q1801-01	SS2R	Air	Toluene	6.78	J	1.66	7.54	ug/m3
Q1801-01	SS2R	Air	Tetrachloroethene	365		0.41	0.81	ug/m3
Q1801-01	SS2R	Air	1,2,4-Trimethylbenzene	2.41	J	1.52	9.83	ug/m3
Q1801-01	SS2R	Air	Hexane	28.9		1.55	7.05	ug/m3
			Total Voc :	415				
			Total Concentration:	415				
Client ID:	**SS3**							
Q1801-02	SS3	Air	Acetone	14.0		2.28	4.75	ug/m3
Q1801-02	SS3	Air	2-Butanone	1.53	J	1.42	5.90	ug/m3
Q1801-02	SS3	Air	Chloroform	2.44	J	1.61	9.77	ug/m3
Q1801-02	SS3	Air	Toluene	5.28	J	1.66	7.54	ug/m3
Q1801-02	SS3	Air	Tetrachloroethene	28.5		0.41	0.81	ug/m3
Q1801-02	SS3	Air	m/p-Xylene	4.34	J	3.65	17.4	ug/m3
Q1801-02	SS3	Air	1,2,4-Trimethylbenzene	4.42	J	1.52	9.83	ug/m3
Q1801-02	SS3	Air	Hexane	14.4		1.55	7.05	ug/m3
			Total Voc :	75.0				
			Total Concentration:	75.0				

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Project : 416 Clinton St Hempstead
Field Id Number : SS2R
Laboratory Id Number : Q1801-01

Sampling Date : 04/12/25
Analysis Date : 04/21/25
Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.84	U	4.15		
Chloromethane	74-87-3	50.49	0.39	U	0.81		
Vinyl Chloride	75-01-4	62.5	0.06	U	0.15		
Bromomethane	74-83-9	94.94	0.56	U	2.17		
Chloroethane	75-00-3	64.52	0.68	U	1.79		
Tetrahydrofuran	109-99-9	72.11	0.52	U	1.53		
Trichlorofluoromethane	75-69-4	137.4	0.64	U	3.6		
Dichlorotetrafluoroethane	76-14-2	170.9	0.35	U	2.45		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.64	U	4.91		
tert-Butyl alcohol	75-65-0	74.12	0.76	U	2.3		
Heptane	142-82-5	100.2	0.46	J	1.89		
1,1-Dichloroethene	75-35-4	96.94	0.56	U	2.22		
Acetone	67-64-1	58.08	2.9		6.89		
Carbon Disulfide	75-15-0	76.14	0.64	U	1.99		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.48	U	1.73		
Methylene Chloride	75-09-2	84.94	0.9	J	3.13		
trans-1,2-Dichloroethene	156-60-5	96.94	0.76	U	3.01		
1,1-Dichloroethane	75-34-3	98.96	0.52	U	2.1		
Cyclohexane	110-82-7	84.16	0.88	U	3.03		
2-Butanone	78-93-3	72.11	0.48	U	1.42		
Carbon Tetrachloride	56-23-5	153.8	0.04	U	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.36	U	1.43		
Chloroform	67-66-3	119.4	0.33	U	1.61		
1,1,1-Trichloroethane	71-55-6	133.4	0.04	U	0.22		
2,2,4-Trimethylpentane	540-84-1	114.2	0.4	U	1.87		
Benzene	71-43-2	78.11	0.35	U	1.12		
1,2-Dichloroethane	107-06-2	98.96	0.36	U	1.46		
Trichloroethene	79-01-6	131.4	0.07	U	0.38		
1,2-Dichloropropane	78-87-5	113	0.44	U	2.03		
Bromodichloromethane	75-27-4	163.8	0.31	U	2.08		
4-Methyl-2-Pentanone	108-10-1	100.2	0.37	U	1.52		
Toluene	108-88-3	92.14	1.8	J	6.78		
t-1,3-Dichloropropene	10061-02-6	111	0.24	U	1.09		
cis-1,3-Dichloropropene	10061-01-5	111	0.26	U	1.18		
1,1,2-Trichloroethane	79-00-5	133.4	0.28	U	1.53		

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Project : 416 Clinton St Hempstead

Sampling Date : 04/12/25

Field Id Number : SS2R

Analysis Date : 04/21/25

Laboratory Id Number : Q1801-01

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.26	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	0.29	U	2.23		
Tetrachloroethene	127-18-4	165.8	53.8		364		
Chlorobenzene	108-90-7	112.6	0.3	U	1.38		
Ethyl Benzene	100-41-4	106.2	0.48	U	2.08		
m/p-Xylene	179601-23-1	106.2	0.84	U	3.65		
o-Xylene	95-47-6	106.2	0.48	U	2.08		
Styrene	100-42-5	104.1	0.44	U	1.87		
Bromoform	75-25-2	252.8	0.23	U	2.38		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.04	U	0.27		
2-Chlorotoluene	95-49-8	126.6	0.44	U	2.28		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.44	U	2.16		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.49	J	2.41		
1,3-Dichlorobenzene	541-73-1	147	0.32	U	1.92		
1,4-Dichlorobenzene	106-46-7	147	0.21	U	1.26		
1,2-Dichlorobenzene	95-50-1	147	0.3	U	1.8		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.34	U	2.52		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.34	U	3.63		
Naphthalene	91-20-3	128.17	0.3	U	1.57		
1,3-Butadiene	106-99-0	54.09	0.52	U	1.15		
4-Ethyltoluene	622-96-8	120.2	0.48	U	2.36		
Hexane	110-54-3	86.17	8.2		28.9		
Allyl Chloride	107-05-1	76.53	0.6	U	1.88		
1,4-Dioxane	123-91-1	88.12	0.84	U	3.03		
Methyl Methacrylate	80-62-6	100.117	0.34	U	1.39		

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Project : 416 Clinton St Hempstead
Field Id Number : SS3
Laboratory Id Number : Q1801-02

Sampling Date : 04/12/25
Analysis Date : 04/21/25
Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.84	U	4.15		
Chloromethane	74-87-3	50.49	0.39	U	0.81		
Vinyl Chloride	75-01-4	62.5	0.06	U	0.15		
Bromomethane	74-83-9	94.94	0.56	U	2.17		
Chloroethane	75-00-3	64.52	0.68	U	1.79		
Tetrahydrofuran	109-99-9	72.11	0.52	U	1.53		
Trichlorofluoromethane	75-69-4	137.4	0.64	U	3.6		
Dichlorotetrafluoroethane	76-14-2	170.9	0.35	U	2.45		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.64	U	4.91		
tert-Butyl alcohol	75-65-0	74.12	0.76	U	2.3		
Heptane	142-82-5	100.2	0.44	U	1.8		
1,1-Dichloroethene	75-35-4	96.94	0.56	U	2.22		
Acetone	67-64-1	58.08	5.9		14.0		
Carbon Disulfide	75-15-0	76.14	0.64	U	1.99		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.48	U	1.73		
Methylene Chloride	75-09-2	84.94	0.76	U	2.64		
trans-1,2-Dichloroethene	156-60-5	96.94	0.76	U	3.01		
1,1-Dichloroethane	75-34-3	98.96	0.52	U	2.1		
Cyclohexane	110-82-7	84.16	0.88	U	3.03		
2-Butanone	78-93-3	72.11	0.52	J	1.53		
Carbon Tetrachloride	56-23-5	153.8	0.04	U	0.25		
cis-1,2-Dichloroethene	156-59-2	96.94	0.36	U	1.43		
Chloroform	67-66-3	119.4	0.5	J	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.04	U	0.22		
2,2,4-Trimethylpentane	540-84-1	114.2	0.4	U	1.87		
Benzene	71-43-2	78.11	0.35	U	1.12		
1,2-Dichloroethane	107-06-2	98.96	0.36	U	1.46		
Trichloroethene	79-01-6	131.4	0.07	U	0.38		
1,2-Dichloropropane	78-87-5	113	0.44	U	2.03		
Bromodichloromethane	75-27-4	163.8	0.31	U	2.08		
4-Methyl-2-Pentanone	108-10-1	100.2	0.37	U	1.52		
Toluene	108-88-3	92.14	1.4	J	5.28		
t-1,3-Dichloropropene	10061-02-6	111	0.24	U	1.09		
cis-1,3-Dichloropropene	10061-01-5	111	0.26	U	1.18		
1,1,2-Trichloroethane	79-00-5	133.4	0.28	U	1.53		

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Project : 416 Clinton St Hempstead

Sampling Date : 04/12/25

Field Id Number : SS3

Analysis Date : 04/21/25

Laboratory Id Number : Q1801-02

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.26	U	2.22		
1,2-Dibromoethane	106-93-4	187.9	0.29	U	2.23		
Tetrachloroethene	127-18-4	165.8	4.2		28.5		
Chlorobenzene	108-90-7	112.6	0.3	U	1.38		
Ethyl Benzene	100-41-4	106.2	0.48	U	2.08		
m/p-Xylene	179601-23-1	106.2	1	J	4.34		
o-Xylene	95-47-6	106.2	0.48	U	2.08		
Styrene	100-42-5	104.1	0.44	U	1.87		
Bromoform	75-25-2	252.8	0.23	U	2.38		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.04	U	0.27		
2-Chlorotoluene	95-49-8	126.6	0.44	U	2.28		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.44	U	2.16		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.9	J	4.42		
1,3-Dichlorobenzene	541-73-1	147	0.32	U	1.92		
1,4-Dichlorobenzene	106-46-7	147	0.21	U	1.26		
1,2-Dichlorobenzene	95-50-1	147	0.3	U	1.8		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.34	U	2.52		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.34	U	3.63		
Naphthalene	91-20-3	128.17	0.3	U	1.57		
1,3-Butadiene	106-99-0	54.09	0.52	U	1.15		
4-Ethyltoluene	622-96-8	120.2	0.48	U	2.36		
Hexane	110-54-3	86.17	4.1		14.4		
Allyl Chloride	107-05-1	76.53	0.6	U	1.88		
1,4-Dioxane	123-91-1	88.12	0.84	U	3.03		
Methyl Methacrylate	80-62-6	100.117	0.34	U	1.39		

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	GFE LLC	Date Collected:	04/12/25
Project:	416 Clinton St Hempstead	Date Received:	04/14/25
Client Sample ID:	SS2R	SDG No.:	Q1801
Lab Sample ID:	Q1801-01	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
VL042400.D	4		04/21/25 12:07	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.84	4.15	U	4.15	9.89	ug/m3
74-87-3	Chloromethane	0.39	0.81	U	0.81	4.13	ug/m3
75-01-4	Vinyl Chloride	0.060	0.15	U	0.15	0.31	ug/m3
74-83-9	Bromomethane	0.56	2.17	U	2.17	7.77	ug/m3
75-00-3	Chloroethane	0.68	1.79	U	1.79	5.28	ug/m3
109-99-9	Tetrahydrofuran	0.52	1.53	U	1.53	5.90	ug/m3
75-69-4	Trichlorofluoromethane	0.64	3.60	U	3.60	11.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.64	4.91	U	4.91	15.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.35	2.45	U	2.45	14.0	ug/m3
75-65-0	tert-Butyl alcohol	0.76	2.30	U	2.30	6.06	ug/m3
142-82-5	Heptane	0.46	1.89	J	1.80	8.20	ug/m3
75-35-4	1,1-Dichloroethene	0.56	2.22	U	2.22	7.93	ug/m3
67-64-1	Acetone	2.90	6.89		2.28	4.75	ug/m3
75-15-0	Carbon Disulfide	0.64	1.99	U	1.99	6.23	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.48	1.73	U	1.73	7.21	ug/m3
75-09-2	Methylene Chloride	0.90	3.13	J	2.64	6.95	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.76	3.01	U	3.01	7.93	ug/m3
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	ug/m3
110-82-7	Cyclohexane	0.88	3.03	U	3.03	6.88	ug/m3
78-93-3	2-Butanone	0.48	1.42	U	1.42	5.90	ug/m3
56-23-5	Carbon Tetrachloride	0.040	0.25	U	0.25	0.75	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.36	1.43	U	1.43	7.93	ug/m3
67-66-3	Chloroform	0.33	1.61	U	1.61	9.77	ug/m3
71-55-6	1,1,1-Trichloroethane	0.040	0.22	U	0.22	0.65	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.40	1.87	U	1.87	9.34	ug/m3
71-43-2	Benzene	0.35	1.12	U	1.12	6.39	ug/m3
107-06-2	1,2-Dichloroethane	0.36	1.46	U	1.46	8.09	ug/m3
79-01-6	Trichloroethene	0.070	0.38	U	0.38	0.64	ug/m3
78-87-5	1,2-Dichloropropane	0.44	2.03	U	2.03	9.24	ug/m3
75-27-4	Bromodichloromethane	0.31	2.08	U	2.08	13.4	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.37	1.52	U	1.52	8.20	ug/m3
108-88-3	Toluene	1.80	6.78	J	1.66	7.54	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.24	1.09	U	1.09	9.08	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.26	1.18	U	1.18	9.08	ug/m3
79-00-5	1,1,2-Trichloroethane	0.28	1.53	U	1.53	10.9	ug/m3

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Report of Analysis

Client:	GFE LLC	Date Collected:	04/12/25
Project:	416 Clinton St Hempstead	Date Received:	04/14/25
Client Sample ID:	SS2R	SDG No.:	Q1801
Lab Sample ID:	Q1801-01	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
VL042400.D	4		04/21/25 12:07	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.26	2.22	U	2.22	17.0	ug/m3
106-93-4	1,2-Dibromoethane	0.29	2.23	U	2.23	3.07	ug/m3
127-18-4	Tetrachloroethene	53.8	365		0.41	0.81	ug/m3
108-90-7	Chlorobenzene	0.30	1.38	U	1.38	9.21	ug/m3
100-41-4	Ethyl Benzene	0.48	2.08	U	2.08	8.69	ug/m3
179601-23-1	m/p-Xylene	0.84	3.65	U	3.65	17.4	ug/m3
95-47-6	o-Xylene	0.48	2.08	U	2.08	8.69	ug/m3
100-42-5	Styrene	0.44	1.87	U	1.87	8.52	ug/m3
75-25-2	Bromoform	0.23	2.38	U	2.38	20.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.27	U	0.27	0.82	ug/m3
95-49-8	2-Chlorotoluene	0.44	2.28	U	2.28	10.4	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.44	2.16	U	2.16	9.83	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.49	2.41	J	1.52	9.83	ug/m3
541-73-1	1,3-Dichlorobenzene	0.32	1.92	U	1.92	12.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.21	1.26	U	1.26	12.0	ug/m3
95-50-1	1,2-Dichlorobenzene	0.30	1.80	U	1.80	12.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.34	2.52	U	2.52	14.8	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.34	3.63	U	3.63	21.3	ug/m3
106-99-0	1,3-Butadiene	0.52	1.15	U	1.15	4.42	ug/m3
91-20-3	Naphthalene	0.30	1.57	U	1.57	2.10	ug/m3
622-96-8	4-Ethyltoluene	0.48	2.36	U	2.36	9.83	ug/m3
110-54-3	Hexane	8.20	28.9		1.55	7.05	ug/m3
107-05-1	Allyl Chloride	0.60	1.88	U	1.88	6.26	ug/m3
123-91-1	1,4-Dioxane	0.84	3.03	U	3.03	7.21	ug/m3
80-62-6	Methyl Methacrylate	0.34	1.39	U	1.39	8.19	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	127000		2.784			
540-36-3	1,4-Difluorobenzene	353000		3.952			
3114-55-4	Chlorobenzene-d5	304000		8.875			

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Report of Analysis

Client:	GFE LLC	Date Collected:	04/12/25
Project:	416 Clinton St Hempstead	Date Received:	04/14/25
Client Sample ID:	SS2R	SDG No.:	Q1801
Lab Sample ID:	Q1801-01	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
VL042400.D	4		04/21/25 12:07	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	GFE LLC	Date Collected:	04/12/25
Project:	416 Clinton St Hempstead	Date Received:	04/14/25
Client Sample ID:	SS3	SDG No.:	Q1801
Lab Sample ID:	Q1801-02	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
VL042401.D	4		04/21/25 12:51	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.84	4.15	U	4.15	9.89	ug/m3
74-87-3	Chloromethane	0.39	0.81	U	0.81	4.13	ug/m3
75-01-4	Vinyl Chloride	0.060	0.15	U	0.15	0.31	ug/m3
74-83-9	Bromomethane	0.56	2.17	U	2.17	7.77	ug/m3
75-00-3	Chloroethane	0.68	1.79	U	1.79	5.28	ug/m3
109-99-9	Tetrahydrofuran	0.52	1.53	U	1.53	5.90	ug/m3
75-69-4	Trichlorofluoromethane	0.64	3.60	U	3.60	11.2	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.64	4.91	U	4.91	15.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.35	2.45	U	2.45	14.0	ug/m3
75-65-0	tert-Butyl alcohol	0.76	2.30	U	2.30	6.06	ug/m3
142-82-5	Heptane	0.44	1.80	U	1.80	8.20	ug/m3
75-35-4	1,1-Dichloroethene	0.56	2.22	U	2.22	7.93	ug/m3
67-64-1	Acetone	5.90	14.0		2.28	4.75	ug/m3
75-15-0	Carbon Disulfide	0.64	1.99	U	1.99	6.23	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.48	1.73	U	1.73	7.21	ug/m3
75-09-2	Methylene Chloride	0.76	2.64	U	2.64	6.95	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.76	3.01	U	3.01	7.93	ug/m3
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09	ug/m3
110-82-7	Cyclohexane	0.88	3.03	U	3.03	6.88	ug/m3
78-93-3	2-Butanone	0.52	1.53	J	1.42	5.90	ug/m3
56-23-5	Carbon Tetrachloride	0.040	0.25	U	0.25	0.75	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.36	1.43	U	1.43	7.93	ug/m3
67-66-3	Chloroform	0.50	2.44	J	1.61	9.77	ug/m3
71-55-6	1,1,1-Trichloroethane	0.040	0.22	U	0.22	0.65	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.40	1.87	U	1.87	9.34	ug/m3
71-43-2	Benzene	0.35	1.12	U	1.12	6.39	ug/m3
107-06-2	1,2-Dichloroethane	0.36	1.46	U	1.46	8.09	ug/m3
79-01-6	Trichloroethene	0.070	0.38	U	0.38	0.64	ug/m3
78-87-5	1,2-Dichloropropane	0.44	2.03	U	2.03	9.24	ug/m3
75-27-4	Bromodichloromethane	0.31	2.08	U	2.08	13.4	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.37	1.52	U	1.52	8.20	ug/m3
108-88-3	Toluene	1.40	5.28	J	1.66	7.54	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.24	1.09	U	1.09	9.08	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.26	1.18	U	1.18	9.08	ug/m3
79-00-5	1,1,2-Trichloroethane	0.28	1.53	U	1.53	10.9	ug/m3

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Report of Analysis

Client:	GFE LLC	Date Collected:	04/12/25
Project:	416 Clinton St Hempstead	Date Received:	04/14/25
Client Sample ID:	SS3	SDG No.:	Q1801
Lab Sample ID:	Q1801-02	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
VL042401.D	4		04/21/25 12:51	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.26	2.22	U	2.22	17.0	ug/m3
106-93-4	1,2-Dibromoethane	0.29	2.23	U	2.23	3.07	ug/m3
127-18-4	Tetrachloroethene	4.20	28.5		0.41	0.81	ug/m3
108-90-7	Chlorobenzene	0.30	1.38	U	1.38	9.21	ug/m3
100-41-4	Ethyl Benzene	0.48	2.08	U	2.08	8.69	ug/m3
179601-23-1	m/p-Xylene	1.00	4.34	J	3.65	17.4	ug/m3
95-47-6	o-Xylene	0.48	2.08	U	2.08	8.69	ug/m3
100-42-5	Styrene	0.44	1.87	U	1.87	8.52	ug/m3
75-25-2	Bromoform	0.23	2.38	U	2.38	20.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.040	0.27	U	0.27	0.82	ug/m3
95-49-8	2-Chlorotoluene	0.44	2.28	U	2.28	10.4	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.44	2.16	U	2.16	9.83	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.90	4.42	J	1.52	9.83	ug/m3
541-73-1	1,3-Dichlorobenzene	0.32	1.92	U	1.92	12.0	ug/m3
106-46-7	1,4-Dichlorobenzene	0.21	1.26	U	1.26	12.0	ug/m3
95-50-1	1,2-Dichlorobenzene	0.30	1.80	U	1.80	12.0	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.34	2.52	U	2.52	14.8	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.34	3.63	U	3.63	21.3	ug/m3
106-99-0	1,3-Butadiene	0.52	1.15	U	1.15	4.42	ug/m3
91-20-3	Naphthalene	0.30	1.57	U	1.57	2.10	ug/m3
622-96-8	4-Ethyltoluene	0.48	2.36	U	2.36	9.83	ug/m3
110-54-3	Hexane	4.10	14.4		1.55	7.05	ug/m3
107-05-1	Allyl Chloride	0.60	1.88	U	1.88	6.26	ug/m3
123-91-1	1,4-Dioxane	0.84	3.03	U	3.03	7.21	ug/m3
80-62-6	Methyl Methacrylate	0.34	1.39	U	1.39	8.19	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.6			65 - 135	106%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	122000		2.787			
540-36-3	1,4-Difluorobenzene	338000		3.958			
3114-55-4	Chlorobenzene-d5	287000		8.878			

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Report of Analysis

Client:	GFE LLC	Date Collected:	04/12/25
Project:	416 Clinton St Hempstead	Date Received:	04/14/25
Client Sample ID:	SS3	SDG No.:	Q1801
Lab Sample ID:	Q1801-02	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
VL042401.D	4		04/21/25 12:51	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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

QC SUMMARY

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Surrogate Summary

SDG No.: Q1801

Client: GFE LLC

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1801-01	SS2R	1-Bromo-4-Fluorobenzene	10	10.5	105	65	135
Q1801-02	SS3	1-Bromo-4-Fluorobenzene	10	10.6	106	65	135
Q1844-02DUP	IA1DUP	1-Bromo-4-Fluorobenzene	10	10.7	107	65	135
VL0421ABL01	VL0421ABL01	1-Bromo-4-Fluorobenzene	10	10.5	105	65	135
VL0421ABS01	VL0421ABS01	1-Bromo-4-Fluorobenzene	10	10.8	108	65	135

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1801

Client: GFE LLC

Analytical Method: SWTO-15 **Datafile :** VL042397.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0421ABS01	Dichlorodifluoromethane	10	10.2	ppbv	102			70	130	
	Chloromethane	10	9.60	ppbv	96			70	130	
	Vinyl Chloride	10	8.60	ppbv	86			70	130	
	Bromomethane	10	9.10	ppbv	91			70	130	
	Chloroethane	10	9.50	ppbv	95			70	130	
	Tetrahydrofuran	10	7.80	ppbv	78			70	130	
	Trichlorofluoromethane	10	10.3	ppbv	103			70	130	
	1,1,2-Trichlorotrifluoroethane	10	9.60	ppbv	96			70	130	
	Dichlorotetrafluoethane	10	10.1	ppbv	101			70	130	
	tert-Butyl Alcohol	10	9.00	ppbv	90			70	130	
	Heptane	10	7.30	ppbv	73			70	130	
	1,1-Dichloroethene	10	9.40	ppbv	94			70	130	
	Acetone	10	8.70	ppbv	87			70	130	
	Carbon disulfide	10	9.40	ppbv	94			70	130	
	Methyl tert-butyl Ether	10	8.50	ppbv	85			70	130	
	Methylene Chloride	10	8.00	ppbv	80			70	130	
	trans-1,2-Dichloroethene	10	9.10	ppbv	91			70	130	
	1,1-Dichloroethane	10	9.60	ppbv	96			70	130	
	Cyclohexane	10	8.50	ppbv	85			70	130	
	2-Butanone	10	8.30	ppbv	83			70	130	
	Carbon Tetrachloride	10	9.50	ppbv	95			70	130	
	cis-1,2-Dichloroethene	10	9.10	ppbv	91			70	130	
	Chloroform	10	9.60	ppbv	96			70	130	
	1,1,1-Trichloroethane	10	9.30	ppbv	93			70	130	
	2,2,4-Trimethylpentane	10	8.10	ppbv	81			70	130	
	Benzene	10	8.60	ppbv	86			70	130	
	1,2-Dichloroethane	10	10.3	ppbv	103			70	130	
	Trichloroethene	10	7.80	ppbv	78			70	130	
	1,2-Dichloropropane	10	8.30	ppbv	83			70	130	
	Bromodichloromethane	10	9.70	ppbv	97			70	130	
	4-Methyl-2-Pentanone	10	7.20	ppbv	72			70	130	
	Toluene	10	8.30	ppbv	83			70	130	
	t-1,3-Dichloropropene	10	8.50	ppbv	85			70	130	
	cis-1,3-Dichloropropene	10	8.30	ppbv	83			70	130	
	1,1,2-Trichloroethane	10	9.00	ppbv	90			70	130	
	Dibromochloromethane	10	9.20	ppbv	92			70	130	
	1,2-Dibromoethane	10	8.90	ppbv	89			70	130	
	Tetrachloroethene	10	7.40	ppbv	74			70	130	
	Chlorobenzene	10	8.90	ppbv	89			70	130	
	Ethyl Benzene	10	9.00	ppbv	90			70	130	
	m/p-Xylene	20	18.2	ppbv	91			70	130	
	o-Xylene	10	9.20	ppbv	92			70	130	
	Styrene	10	8.60	ppbv	86			70	130	
	Bromoform	10	8.80	ppbv	88			70	130	
	1,1,2,2-Tetrachloroethane	10	8.40	ppbv	84			70	130	
	2-Chlorotoluene	10	9.20	ppbv	92			70	130	
	1,3,5-Trimethylbenzene	10	9.00	ppbv	90			70	130	
	1,2,4-Trimethylbenzene	10	8.60	ppbv	86			70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1801

Client: GFE LLC

Analytical Method: SWTO-15 **Datafile :** VL042397.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VL0421ABS01	1,3-Dichlorobenzene	10	8.70	ppbv	87			70	130	
	1,4-Dichlorobenzene	10	8.60	ppbv	86			70	130	
	1,2-Dichlorobenzene	10	8.70	ppbv	87			70	130	
	1,2,4-Trichlorobenzene	10	8.50	ppbv	85			70	130	
	Hexachloro-1,3-butadiene	10	8.50	ppbv	85			70	130	
	Naphthalene	10	8.20	ppbv	82			70	130	
	1,3-Butadiene	10	9.00	ppbv	90			70	130	
	4-Ethyltoluene	10	9.00	ppbv	90			70	130	
	Hexane	10	7.80	ppbv	78			70	130	
	Allyl Chloride	10	9.10	ppbv	91			70	130	
	1,4-Dioxane	10	7.40	ppbv	74			70	130	
	Methyl methacrylate	10	7.70	ppbv	77			70	130	

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Duplicate Sample Summary

Lab Sample Id :	Q1844-02DUP		Q1844-02	
Client Id :	IA1DUP		IA1	
DF :	1		1	
Datafile :	VL042403.D		VL042402.D	
Anal Date & Time :	04/21/2025	14:13	04/21/2025	13:38

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0.23	0.23	0
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0	0	0
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0.35	0.32	9
2-Butanone	0.66	0.68	3
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0	0	0
Acetone	22.8	22.7	0.44
Allyl Chloride	0	0	0
Benzene	12.8	12.5	2.4
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.07	0.07	0

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Duplicate Sample Summary

Lab Sample Id :	Q1844-02DUP		Q1844-02	
Client Id :	IA1DUP		IA1	
DF :	1		1	
Datafile :	VL042403.D		VL042402.D	
Anal Date & Time :	04/21/2025	14:13	04/21/2025	13:38

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.51	0.5	2
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0.22	0	200 *
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.39	0.41	5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	0.29	0.28	3.5
Heptane	0.37	0.35	5.6
Hexachloro-1,3-Butadiene	0	0	0
Hexane	0.72	0.67	7.2
m/p-Xylene	0.82	0.79	3.7
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	0.62	0.6	3.3
Naphthalene	0.51	0.52	1.9
o-Xylene	0.32	0.32	0
Styrene	0.39	0.36	8
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	5.1	5.1	0
Tetrachloroethene	19.5	19.3	1
Tetrahydrofuran	0	0	0
Toluene	2	2	0
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.24	0.23	4.3
Vinyl Chloride	0	0	0

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0421ABL01

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG NO.: Q1801

Lab File ID: VL042396.D Lab Sample ID: VL0421ABL01

Date Analyzed: 04/21/2025 Time Analyzed: 09:28

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL0421ABS01	VL0421ABS01	VL042397.D	04/21/2025
SS2R	Q1801-01	VL042400.D	04/21/2025
SS3	Q1801-02	VL042401.D	04/21/2025
IA1DUP	Q1844-02DUP	VL042403.D	04/21/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG NO.: Q1801

Lab File ID: VL042348.D BFB Injection Date: 04/17/2025

Instrument ID: MSVOA_L BFB Injection Time: 07:50

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.1
75	30.0 - 66.0% of mass 95	57
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	59.5
175	4.0 - 9.0% of mass 174	4.5 (7.6) 1
176	93.0 - 101.0% of mass 174	57.6 (96.9) 1
177	5.0 - 9.0% of mass 176	3.6 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL042349.D	04/17/2025	09:44
VSTDICC002	VSTDICC002	VL042350.D	04/17/2025	10:17
VSTDICC001	VSTDICC001	VL042351.D	04/17/2025	10:48
VSTDICC0.5	VSTDICC0.5	VL042352.D	04/17/2025	11:19
VSTDICC0.1	VSTDICC0.1	VL042353.D	04/17/2025	11:50
VSTDICC0.03	VSTDICC0.03	VL042354.D	04/17/2025	12:22
VSTDICC015	VSTDICC015	VL042355.D	04/17/2025	12:54

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG NO.: Q1801

Lab File ID: VL042394.D BFB Injection Date: 04/21/2025

Instrument ID: MSVOA_L BFB Injection Time: 07:58

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	26.7
75	30.0 - 66.0% of mass 95	63.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	54.7
175	4.0 - 9.0% of mass 174	4.2 (7.7) 1
176	93.0 - 101.0% of mass 174	52.9 (96.6) 1
177	5.0 - 9.0% of mass 176	3.4 (6.4) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL042395.D	04/21/2025	08:41
VL0421ABL01	VL0421ABL01	VL042396.D	04/21/2025	09:28
VL0421ABS01	VL0421ABS01	VL042397.D	04/21/2025	10:14
SS2R	Q1801-01	VL042400.D	04/21/2025	12:07
SS3	Q1801-02	VL042401.D	04/21/2025	12:51
IA1DUP	Q1844-02DUP	VL042403.D	04/21/2025	14:13

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG NO.: Q1801

Lab File ID: VL042395.D Date Analyzed: 04/21/2025

Instrument ID: MSVOA_L Time Analyzed: 08:41

GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	118349	2.78	334726	3.95	297161	8.88
UPPER LIMIT	165689	3.11	468616	4.28	416025	9.21
LOWER LIMIT	71009.4	2.45	200836	3.62	178297	8.55
EPA SAMPLE NO.						
SS2R	127438	2.78	352813	3.95	303522	8.88
SS3	122041	2.79	337832	3.96	286610	8.88
IA1DUP	132791	2.78	375368	3.95	317335	8.88
VL0421ABL01	120411	2.78	341628	3.95	293743	8.88
VL0421ABS01	118401	2.78	337921	3.95	293537	8.88

IS1 = Bromochloromethane
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
AREA LOWER LIMIT = -40% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	416 Clinton St Hempstead	Date Received:	
Client Sample ID:	VL0421ABL01	SDG No.:	Q1801
Lab Sample ID:	VL0421ABL01	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
VL042396.D	1		04/21/25 09:28	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.21	1.04	U	1.04	2.47	ug/m3
74-87-3	Chloromethane	0.10	0.21	U	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.010	0.030	U	0.030	0.080	ug/m3
74-83-9	Bromomethane	0.14	0.54	U	0.54	1.94	ug/m3
75-00-3	Chloroethane	0.17	0.45	U	0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.13	0.38	U	0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.16	0.90	U	0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.16	1.23	U	1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.090	0.63	U	0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.19	0.58	U	0.58	1.52	ug/m3
142-82-5	Heptane	0.11	0.45	U	0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.14	0.56	U	0.56	1.98	ug/m3
67-64-1	Acetone	0.24	0.57	U	0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	0.16	0.50	U	0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.12	0.43	U	0.43	1.80	ug/m3
75-09-2	Methylene Chloride	0.19	0.66	U	0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.19	0.75	U	0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02	ug/m3
110-82-7	Cyclohexane	0.22	0.76	U	0.76	1.72	ug/m3
78-93-3	2-Butanone	0.12	0.35	U	0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.010	0.060	U	0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.090	0.36	U	0.36	1.98	ug/m3
67-66-3	Chloroform	0.080	0.39	U	0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.010	0.050	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.10	0.47	U	0.47	2.34	ug/m3
71-43-2	Benzene	0.090	0.29	U	0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.090	0.36	U	0.36	2.02	ug/m3
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	U	0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	0.080	0.54	U	0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.090	0.37	U	0.37	2.05	ug/m3
108-88-3	Toluene	0.11	0.41	U	0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.060	0.27	U	0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.070	0.38	U	0.38	2.73	ug/m3

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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	416 Clinton St Hempstead	Date Received:	
Client Sample ID:	VL0421ABL01	SDG No.:	Q1801
Lab Sample ID:	VL0421ABL01	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
VL042396.D	1		04/21/25 09:28	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	0.070	0.60	U	0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.070	0.54	U	0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	0.020	0.14	U	0.14	0.20	ug/m3
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	0.12	0.52	U	0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	0.21	0.91	U	0.91	4.34	ug/m3
95-47-6	o-Xylene	0.12	0.52	U	0.52	2.17	ug/m3
100-42-5	Styrene	0.11	0.47	U	0.47	2.13	ug/m3
75-25-2	Bromoform	0.060	0.62	U	0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.010	0.070	U	0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.11	0.57	U	0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.11	0.54	U	0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.080	0.39	U	0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.050	0.30	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.080	0.48	U	0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.090	0.67	U	0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.090	0.96	U	0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	0.13	0.29	U	0.29	1.11	ug/m3
91-20-3	Naphthalene	0.080	0.42	U	0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	0.12	0.59	U	0.59	2.46	ug/m3
110-54-3	Hexane	0.11	0.39	U	0.39	1.76	ug/m3
107-05-1	Allyl Chloride	0.15	0.47	U	0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	0.21	0.76	U	0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.090	0.37	U	0.37	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135	105%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	120000		2.784			
540-36-3	1,4-Difluorobenzene	342000		3.952			
3114-55-4	Chlorobenzene-d5	294000		8.878			

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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	416 Clinton St Hempstead	Date Received:	
Client Sample ID:	VL0421ABL01	SDG No.:	Q1801
Lab Sample ID:	VL0421ABL01	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
VL042396.D	1		04/21/25 09:28	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	416 Clinton St Hempstead	Date Received:	
Client Sample ID:	VL0421ABS01	SDG No.:	Q1801
Lab Sample ID:	VL0421ABS01	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
VL042397.D	1		04/21/25 10:14	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.2	50.4		1.04	2.47	ug/m3
74-87-3	Chloromethane	9.60	19.8		0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	8.60	22.0		0.030	0.080	ug/m3
74-83-9	Bromomethane	9.10	35.3		0.54	1.94	ug/m3
75-00-3	Chloroethane	9.50	25.1		0.45	1.32	ug/m3
109-99-9	Tetrahydrofuran	7.80	23.0		0.38	1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.3	57.9		0.90	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.60	73.6		1.23	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.1	70.6		0.63	3.49	ug/m3
75-65-0	tert-Butyl alcohol	9.00	27.3		0.58	1.52	ug/m3
142-82-5	Heptane	7.30	29.9		0.45	2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.40	37.3		0.56	1.98	ug/m3
67-64-1	Acetone	8.70	20.7		0.57	1.19	ug/m3
75-15-0	Carbon Disulfide	9.40	29.3		0.50	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	8.50	30.6		0.43	1.80	ug/m3
75-09-2	Methylene Chloride	8.00	27.8		0.66	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.10	36.1		0.75	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.60	38.9		0.53	2.02	ug/m3
110-82-7	Cyclohexane	8.50	29.3		0.76	1.72	ug/m3
78-93-3	2-Butanone	8.30	24.5		0.35	1.47	ug/m3
56-23-5	Carbon Tetrachloride	9.50	59.8		0.060	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.10	36.1		0.36	1.98	ug/m3
67-66-3	Chloroform	9.60	46.9		0.39	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.30	50.7		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	8.10	37.8		0.47	2.34	ug/m3
71-43-2	Benzene	8.60	27.5		0.29	1.60	ug/m3
107-06-2	1,2-Dichloroethane	10.3	41.7		0.36	2.02	ug/m3
79-01-6	Trichloroethene	7.80	41.9		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	8.30	38.4		0.51	2.31	ug/m3
75-27-4	Bromodichloromethane	9.70	65.0		0.54	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	7.20	29.5		0.37	2.05	ug/m3
108-88-3	Toluene	8.30	31.3		0.41	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	8.50	38.6		0.27	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	8.30	37.7		0.27	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	9.00	49.1		0.38	2.73	ug/m3

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	416 Clinton St Hempstead	Date Received:	
Client Sample ID:	VL0421ABS01	SDG No.:	Q1801
Lab Sample ID:	VL0421ABS01	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
VL042397.D	1		04/21/25 10:14	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
124-48-1	Dibromochloromethane	9.20	78.4		0.60	4.26	ug/m3
106-93-4	1,2-Dibromoethane	8.90	68.4		0.54	0.77	ug/m3
127-18-4	Tetrachloroethene	7.40	50.2		0.14	0.20	ug/m3
108-90-7	Chlorobenzene	8.90	41.0		0.37	2.30	ug/m3
100-41-4	Ethyl Benzene	9.00	39.1		0.52	2.17	ug/m3
179601-23-1	m/p-Xylene	18.2	79.0		0.91	4.34	ug/m3
95-47-6	o-Xylene	9.20	40.0		0.52	2.17	ug/m3
100-42-5	Styrene	8.60	36.6		0.47	2.13	ug/m3
75-25-2	Bromoform	8.80	91.0		0.62	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	8.40	57.7		0.070	0.21	ug/m3
95-49-8	2-Chlorotoluene	9.20	47.6		0.57	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	9.00	44.3		0.54	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	8.60	42.3		0.39	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	8.70	52.3		0.48	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	8.60	51.7		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	8.70	52.3		0.48	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	8.50	63.1		0.67	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.50	90.7		0.96	5.33	ug/m3
106-99-0	1,3-Butadiene	9.00	19.9		0.29	1.11	ug/m3
91-20-3	Naphthalene	8.20	43.0		0.42	0.52	ug/m3
622-96-8	4-Ethyltoluene	9.00	44.3		0.59	2.46	ug/m3
110-54-3	Hexane	7.80	27.5		0.39	1.76	ug/m3
107-05-1	Allyl Chloride	9.10	28.5		0.47	1.57	ug/m3
123-91-1	1,4-Dioxane	7.40	26.7		0.76	1.80	ug/m3
80-62-6	Methyl Methacrylate	7.70	31.5		0.37	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	118000		2.781			
540-36-3	1,4-Difluorobenzene	338000		3.949			
3114-55-4	Chlorobenzene-d5	294000		8.875			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	416 Clinton St Hempstead	Date Received:	
Client Sample ID:	VL0421ABS01	SDG No.:	Q1801
Lab Sample ID:	VL0421ABS01	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
VL042397.D	1		04/21/25 10:14	VL042125

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units

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

CALIBRATION SUMMARY

Response Factor Report MSVOA_L

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
Last Update : Fri Apr 18 02:14:00 2025
Response Via : Initial Calibration

Calibration Files
0.03=VL042354.D 0.1 =VL042353.D 0.5 =VL042352.D 1 =VL042351.D 2 =VL042350.D 10 =VL042349.D 15 =VL042355.D

		Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
1)	I	Bromochloromethane	----------ISTD----------								
2)	T	Dichlorodifluo...			1.831	1.837	1.827	1.658	1.682	1.767	5.05
3)		Chlorodifluoro...			1.876	1.657	1.698	1.573	1.608	1.682	7.01
4)		Chloromethane			0.752	0.725	0.701	0.652	0.665	0.699	5.93
5)	T	Vinyl Chloride	1.002	0.911	0.731	0.709	0.689	0.638	0.647	0.761	18.39
6)	T	Bromomethane			0.397	0.330	0.300	0.304	0.303	0.327	12.56
7)		Chloroethane			0.303	0.287	0.280	0.253	0.255	0.275	7.76
8)	T	Dichlorotetraf...			1.556	1.550	1.581	1.432	1.465	1.517	4.25
9)	T	Propene			0.880	0.797	0.758	0.690	0.707	0.766	9.95
10)	T	Heptane			2.444	2.296	2.209	1.884	1.931	2.153	11.14
11)	T	Trichlorofluor...			1.684	1.806	1.746	1.567	1.597	1.680	5.95
12)	T	1,1,2-Trichlor...			1.389	1.439	1.437	1.281	1.323	1.374	5.11
13)		Ethanol			0.275	0.139	0.123	0.035	0.036	0.122	80.54
14)	T	Bromoethene			0.537	0.545	0.530	0.490	0.487	0.518	5.24
15)	T	Acetone			1.968	1.895	1.743	1.263	1.316	1.637	20.03
16)	T	1,3-Butadiene			1.015	0.836	0.735	0.651	0.678	0.783	18.90
17)		tert-Butyl alc...			2.263	2.132	2.103	1.804	1.841	2.029	9.76
18)	T	1,1-Dichloroet...			0.735	0.635	0.637	0.583	0.618	0.642	8.79
19)	T	Isopropyl Alcohol			1.050	0.980	0.897	0.821	0.798	0.909	11.66
20)	T	Methylene Chlo...			0.875	0.728	0.582	0.498	0.523	0.641	24.71
21)	T	Allyl Chloride			1.276	1.213	1.110	0.973	1.080	1.130	10.44
22)	T	trans-1,2-Dich...			0.814	0.759	0.736	0.664	0.681	0.731	8.32
23)	T	Vinyl Acetate			0.656	0.744	0.749	0.555	0.610	0.663	12.72
24)	T	1,1-Dichloroet...			1.452	1.469	1.383	1.284	1.352	1.388	5.43
25)	T	Ethyl Acetate			4.428	4.147	4.118	3.677	3.812	4.036	7.34
26)	T	Hexane			1.899	1.719	1.625	1.424	1.499	1.633	11.45
27)	T	Carbon Disulfide			1.903	1.670	1.785	1.668	1.718	1.749	5.63
28)	T	Methyl tert-Bu...			1.134	1.141	1.132	0.940	1.004	1.070	8.64
29)	T	Chloroform			2.458	2.333	2.392	2.145	2.215	2.309	5.54
30)	T	Cyclohexane			1.422	1.333	1.347	1.252	1.249	1.320	5.50
31)	T	cis-1,2-Dichlo...			1.588	1.603	1.593	1.459	1.522	1.553	3.95
32)	T	1,1,1-Trichlor...	3.110	2.840	2.557	2.549	2.493	2.274	2.369	2.599	11.03
33)	I	1,4-Difluorobenzene	----------ISTD----------								
34)	T	2-Butanone			0.886	0.826	0.818	0.687	0.737	0.791	9.94
35)	T	Carbon Tetrach...	1.319	0.914	0.832	0.830	0.847	0.770	0.823	0.905	20.70
36)	T	Benzene			1.146	1.075	1.121	1.002	1.048	1.079	5.31
37)	T	1,2-Dichloroet...			0.691	0.647	0.666	0.592	0.641	0.647	5.63
38)	T	Trichloroethene	0.643	0.505	0.443	0.448	0.447	0.395	0.419	0.471	17.59
39)	T	1,2-Dichloropr...			0.441	0.413	0.405	0.370	0.381	0.402	6.97

Response Factor Report MSVOA_L

Method Path : Z:\voasrv\HPCHEM1\MSVOA_L\methods\
Method File : VL041725AIR.M

40)	T	1,4-Dioxane		0.263	0.243	0.232	0.182	0.185	0.221	16.27
41)	T	Tetrahydrofuran		0.518	0.480	0.468	0.409	0.432	0.461	9.20
42)	T	Bromodichlorom...		0.943	0.909	0.912	0.852	0.889	0.901	3.71
43)		Methyl Methacr...		0.545	0.520	0.495	0.430	0.441	0.486	10.21
44)	T	2,2,4-Trimethy...		1.935	1.916	1.962	1.708	1.794	1.863	5.79
45)	T	t-1,3-Dichloro...		0.514	0.510	0.509	0.459	0.491	0.497	4.60
46)	T	cis-1,3-Dichlo...		0.613	0.617	0.637	0.570	0.603	0.608	4.05
47)	T	1,1,2-Trichlor...		0.423	0.429	0.420	0.376	0.399	0.410	5.32
48)	T	Dibromochlorom...		0.743	0.721	0.746	0.679	0.729	0.723	3.70
49)	T	Bromoform		0.622	0.623	0.675	0.616	0.627	0.633	3.82
50)	T	4-Methyl-2-Pen...		1.541	1.382	1.435	1.082	1.132	1.314	15.12
51)	T	2-Hexanone		1.341	1.311	1.411	0.893	0.938	1.179	20.69
52)	T	Tetrachloroethene	0.543	0.452	0.420	0.393	0.391	0.357	0.363	0.417	15.46
53)	T	Toluene		1.371	1.295	1.370	1.193	1.244	1.294	6.03
54)	T	1,2-Dibromoethane	0.621	0.582	0.605	0.606	0.539	0.562	0.586	5.27
55)	I	Chlorobenzene-d5	----------ISTD----------							
56)		1,1,1,2-Tetrac...		0.621	0.640	0.635	0.550	0.581	0.605	6.37
57)	T	Chlorobenzene		1.129	1.067	1.068	0.956	0.981	1.040	6.79
58)	T	Ethyl Benzene		2.029	2.088	2.068	1.832	1.890	1.981	5.73
59)	T	m/p-Xylene		1.685	1.682	1.658	1.456	1.500	1.596	6.86
60)	T	o-Xylene		1.740	1.697	1.668	1.442	1.490	1.607	8.25
61)	T	Styrene		0.792	0.776	0.808	0.726	0.734	0.767	4.68
62)		Isopropylbenzene		2.517	2.470	2.439	2.170	2.202	2.360	6.83
63)	T	1,1,2,2-Tetrac...	1.407	1.176	0.990	0.985	0.968	0.873	0.892	1.042	18.12
64)		n-propylbenzene		0.645	0.605	0.610	0.542	0.564	0.593	6.81
65)		tert-Butylbenzene		2.319	2.358	2.315	1.907	1.945	2.169	10.27
66)	T	Benzyl Chloride		0.241	0.239	0.258	0.246	0.208	0.238	7.84
67)		sec-Butylbenzene		3.242	3.219	3.253	2.662	2.709	3.017	10.05
68)	S	1-Bromo-4-Fluo...	0.819	0.814	0.824	0.818	0.822	0.831	0.825	0.822	0.69
69)		p-Isopropyltol...		2.834	2.818	2.811	2.304	2.338	2.621	10.46
70)		n-Butylbenzene		2.985	2.926	2.953	2.370	2.414	2.730	11.33
71)		2-Chlorotoluene		1.972	1.924	1.920	1.695	1.744	1.851	6.65
72)	T	4-Ethyltoluene		2.055	2.118	2.054	1.765	1.833	1.965	7.92
73)	T	1,3,5-Trimethy...		1.894	1.851	1.841	1.517	1.570	1.735	10.19
74)	T	1,2,4-Trimethy...		2.348	2.245	2.168	1.671	1.698	2.026	15.71
75)	T	1,3-Dichlorobe...		1.119	1.121	1.119	0.948	0.960	1.053	8.64
76)	T	1,4-Dichlorobe...		1.138	1.115	1.122	0.944	0.974	1.059	8.69
77)	T	1,2-Dichlorobe...		1.085	1.093	1.114	0.904	0.924	1.024	9.88
78)	T	Hexachloro-1,3...		1.163	1.136	1.135	0.863	0.874	1.034	14.66
79)	T	Naphthalene	2.433	2.395	2.756	2.909	2.004	2.040	2.423	15.11
80)	T	Naphthalene,2-...		1.311	1.534	1.777	1.115	1.168	1.381	19.88
81)	T	1,2,4-Trichlor...		1.026	1.117	1.224	0.905	0.929	1.040	12.75

(#) = Out of Range

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG No.: Q1801

Instrument ID: MSVOA_L Calibration Date/Time: 04/21/2025 08:41

Lab File ID: VL042395.D Init. Calib. Date(s): 04/17/2025 04/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:44 12:54

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.767	1.812		2.55	30
Chloromethane	0.699	0.661		-5.44	30
Vinyl Chloride	0.761	0.665		-12.61	30
Bromomethane	0.327	0.310		-5.2	30
Chloroethane	0.275	0.270		-1.82	30
Tetrahydrofuran	0.461	0.355		-22.99	30
Trichlorofluoromethane	1.680	1.735		3.27	30
1,1,2-Trichlorotrifluoroethane	1.374	1.307		-4.88	30
Dichlorotetrafluoroethane	1.517	1.541		1.58	30
tert-Butyl alcohol	2.029	1.870		-7.84	30
Heptane	2.153	1.512		-29.77	30
1,1-Dichloroethene	0.642	0.593		-7.63	30
Acetone	1.637	1.420		-13.26	30
Carbon Disulfide	1.749	1.689		-3.43	30
Methyl tert-Butyl Ether	1.070	0.900		-15.89	30
Methylene Chloride	0.641	0.507		-20.91	30
trans-1,2-Dichloroethene	0.731	0.672		-8.07	30
1,1-Dichloroethane	1.388	1.305		-5.98	30
Cyclohexane	1.320	1.069		-19.01	30
2-Butanone	0.791	0.658		-16.81	30
Carbon Tetrachloride	0.905	0.870		-3.87	30
cis-1,2-Dichloroethene	1.553	1.406		-9.47	30
Chloroform	2.309	2.194		-4.98	30
1,1,1-Trichloroethane	2.599	2.413		-7.16	30
2,2,4-Trimethylpentane	1.863	1.516		-18.63	30
Benzene	1.079	0.908		-15.85	30
1,2-Dichloroethane	0.647	0.661		2.16	30
Trichloroethene	0.471	0.368		-21.87	30
1,2-Dichloropropane	0.402	0.322		-19.9	30
Bromodichloromethane	0.901	0.883		-2	30
4-Methyl-2-Pentanone	1.314	0.961		-26.86	30
Toluene	1.294	1.062		-17.93	30
t-1,3-Dichloropropene	0.497	0.427		-14.09	30
cis-1,3-Dichloropropene	0.608	0.522		-14.15	30
1,1,2-Trichloroethane	0.410	0.357		-12.93	30
Dibromochloromethane	0.723	0.686		-5.12	30
1,2-Dibromoethane	0.586	0.507		-13.48	30
Tetrachloroethene	0.417	0.312		-25.18	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1801 SAS No.: Q1801 SDG No.: Q1801

Instrument ID: MSVOA_L Calibration Date/Time: 04/21/2025 08:41

Lab File ID: VL042395.D Init. Calib. Date(s): 04/17/2025 04/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:44 12:54

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	1.040	0.930		-10.58	30
Ethyl Benzene	1.981	1.743		-12.01	30
m/p-Xylene	1.596	1.426		-10.65	30
o-Xylene	1.607	1.459		-9.21	30
Styrene	0.767	0.649		-15.39	30
Bromoform	0.633	0.559		-11.69	30
1,1,2,2-Tetrachloroethane	1.042	0.842		-19.19	30
2-Chlorotoluene	1.851	1.660		-10.32	30
1,3,5-Trimethylbenzene	1.735	1.518		-12.51	30
1,2,4-Trimethylbenzene	2.026	1.690		-16.58	30
1,3-Dichlorobenzene	1.053	0.888		-15.67	30
1,4-Dichlorobenzene	1.059	0.894		-15.58	30
1,2-Dichlorobenzene	1.024	0.875		-14.55	30
1,2,4-Trichlorobenzene	1.040	0.844		-18.85	30
Hexachloro-1,3-Butadiene	1.034	0.828		-19.92	30
1,3-Butadiene	0.783	0.686		-12.39	30
Naphthalene	2.423	1.920		-20.76	30
4-Ethyltoluene	1.965	1.755		-10.69	30
1-Bromo-4-Fluorobenzene	0.822	0.882		7.3	30
Hexane	1.633	1.272		-22.11	30
Allyl Chloride	1.130	1.024		-9.38	30
1,4-Dioxane	220.893	160.950		-27.14	30
Methyl Methacrylate	0.486	0.373		-23.25	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Alliance Project No. : Q1801

Client Contact Information	Bottle Order ID : **B2504002**	Courier : FGALDUN	1 of 2 COCs
Client ID : **GFEL01**	Project ID : ~~16 Enbridge St.~~	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**		
	Site Details: 416 CLINTON ST. HEMPSTEAD, NY	Batch Certified	
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time		
Zip Code : **07034**	Standard : **10 business days** **OR**	Data Package Type SAME PACKAGE AS PREVIOUS ROUND	
Country :	Rush (Specify): _____ **Days**	EDD Type :	

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		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
SS2R	4/12/25	7:00	7:24	30	3	50	52	-30	-2.2	10648	10311	6 L	50	VL042217.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 conditions.

Please follow the instructions on the back of this COC.

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: 04/07/25	Canisters Received by:	Date/Time: 4/14/25 0700		
Samples Relinquished by:	Date/Time: 4/12/25	Received by:	Date/Time:	**B2504002 - 3**	
Relinquished by:	Date/Time:	Received by:	Date/Time:		

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Alliance Project No. : Q1801

Client Contact Information	Bottle Order ID : **B2504002**	Courier : F GALDUN	2 of 2 COCs
Client ID : **GFEL01** Project ID : ~~10 Eldridge St.~~		Sampler Name(s) : FRANK GALDEN	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: 416 CLINTON ST. HEMPSTEAD, NY	Batch Certified	
City : **Lake Hiawatha**			
State : **NJ**	Analysis Turnaround Time		
Zip Code : **07034**	Standard : **10 business days** **OR**	Data Package Type : SAME PACKAGE AS PREVIOUS ROUND	
Country :	Rush (Specify): _____ **Days**	EDD Type :	

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		Flow Controller Readout (ml/min)	Can Cert ID	TO-15	Indoor/Ambinet Air	Soil Gas
553	4/2/25	7:02	7:02	OVER 30	1	65	67	-30	-3.1	10226	10606	6 L	50	VL042217.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 conditions.

Please follow the instructions on the back of this COC.

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: 04/07/25	Canisters Received by:	Date/Time: 4/04/25 0700	**B2504002 - 6**
Samples Relinquished by:	Date/Time: 4/12/25	Received by:	Date/Time:	
Relinquished by:	Date/Time:	Received by:	Date/Time:	

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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
Location: 284 Sheffield Street, Mountainside, NJ 7092
Title: Sample Custodian
Field Sample Seal No.: Q1801
Date Broken: 4/14/2025
Military Time Seal Broken: 07:00:00
Case No.: 416 Clinton St Hempstead
Analytical Parameter/Fraction: TO-15

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q1801-01	SS2R		
Q1801-02	SS3		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
4/14	1215	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	
		Signature	Signature	
		Printed Name	Printed Name	

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