

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 28 RT 46 PINE BROOK

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : Q3111

ATTENTION : Frank Galdun



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) TO-15- Case Narrative	4
3) Qualifier Page	6
4) QA Checklist	7
5) TO-15 Data	8
6) Shipping Document	27
6.1) CHAIN OF CUSTODY	28
6.2) Lab Certificate	30
6.3) Internal COC	31

Cover Page

Order ID : Q3111

Project ID : 28 RT 46 PINE BROOK

Client : GFE LLC

Lab Sample Number

Q3111-01
Q3111-02

Client Sample Number

SV1
IA1

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: 9/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

GFE LLC

Project Name: 28 RT 46 PINE BROOK

Project # N/A

Order ID # Q3111

Test Name: TO-15

A. Number of Samples and Date of Receipt:

2 Air samples were received on 09/16/2025.

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 were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD for {Q3111-02DUP} with File ID: VL042946.D met criteria except for Carbon Tetrachloride[25%] due to difference in results of original and DUP.

The Blank Spike for {VL0918ABS02} with File ID: VL042943.D met requirements for all compounds except for Ethyl Benzene[131%] is failing high and associate sample having hit of Ethyl Benzene but below CRQL therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 30% in the Initial Calibration method (VL091725AIR.M) for Styrene, 4-Ethyltoluene, 1,2,4-Trichlorobenzene these compounds are passing on Linear Regression And Naphthalene Passing on Quadratic Regression

The %RSD is greater than 30% in the Initial Calibration method (VL092225AIR.M) for Methylene Chloride passing on Linear Regression.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.



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

2
2.1

Due to potential high concentration of target analytes, Samples SV1 was initially diluted. Samples SV1, IA1 were diluted due to high concentrations.

E. Additional Comments:

Alliance Technical Group, LLC - Newark holds certification for the analytes "Bromodichloromethane, Chloroethane and Heptane". Currently, we are not eligible to report them, as we have not successfully completed the required Proficiency Testing (PT) study. We are actively engaged in the PT study process to gain reporting eligibility.

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_____

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 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 #: Q3111

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 Custody

✓

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: 09/24/2025

Hit Summary Sheet
SW-846

SDG No.: Q3111
Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SV1							
Q3111-01	SV1	Air	Tetrahydrofuran	6.19		0.94	5.90	ug/m3
Q3111-01	SV1	Air	tert-Butyl alcohol	2.06	J	1.94	6.06	ug/m3
Q3111-01	SV1	Air	Heptane	7.38	J	2.79	8.20	ug/m3
Q3111-01	SV1	Air	Acetone	499	E	1.71	4.75	ug/m3
Q3111-01	SV1	Air	Carbon Disulfide	9.97		1.00	6.23	ug/m3
Q3111-01	SV1	Air	Methylene Chloride	7.64		3.20	6.95	ug/m3
Q3111-01	SV1	Air	Cyclohexane	3.03	J	3.03	6.88	ug/m3
Q3111-01	SV1	Air	2-Butanone	9.73		0.65	5.90	ug/m3
Q3111-01	SV1	Air	2,2,4-Trimethylpentane	7.94	J	2.62	9.34	ug/m3
Q3111-01	SV1	Air	Benzene	4.47	J	1.02	6.39	ug/m3
Q3111-01	SV1	Air	Toluene	16.6		2.41	7.54	ug/m3
Q3111-01	SV1	Air	Tetrachloroethene	38.6		0.41	0.81	ug/m3
Q3111-01	SV1	Air	m/p-Xylene	7.38	J	6.95	17.4	ug/m3
Q3111-01	SV1	Air	Styrene	3.41	J	2.72	8.52	ug/m3
Q3111-01	SV1	Air	Naphthalene	2.10		0.26	2.10	ug/m3
Q3111-01	SV1	Air	Hexane	28.2		2.26	7.05	ug/m3
Total Voc :				654				
Total Concentration:				654				
Client ID:	SV1DL							
Q3111-01DL	SV1DL	Air	Acetone	618	D	17.1	47.5	ug/m3
Q3111-01DL	SV1DL	Air	2-Butanone	13.6	JD	6.49	59.0	ug/m3
Q3111-01DL	SV1DL	Air	Tetrachloroethene	43.4	D	4.07	8.14	ug/m3
Q3111-01DL	SV1DL	Air	Hexane	35.2	JD	22.6	70.5	ug/m3
Total Voc :				710				
Total Concentration:				710				
Client ID:	IA1							
Q3111-02	IA1	Air	Dichlorodifluoromethane	2.32	J	0.54	2.47	ug/m3
Q3111-02	IA1	Air	Chloromethane	1.24		0.21	1.03	ug/m3
Q3111-02	IA1	Air	Tetrahydrofuran	8.55		0.24	1.47	ug/m3
Q3111-02	IA1	Air	Trichlorofluoromethane	1.35	J	0.96	2.81	ug/m3
Q3111-02	IA1	Air	tert-Butyl alcohol	0.76	J	0.49	1.52	ug/m3
Q3111-02	IA1	Air	Heptane	3.32		0.70	2.05	ug/m3
Q3111-02	IA1	Air	Acetone	356	E	0.43	1.19	ug/m3
Q3111-02	IA1	Air	Methylene Chloride	7.30		0.80	1.74	ug/m3
Q3111-02	IA1	Air	Cyclohexane	1.96		0.76	1.72	ug/m3
Q3111-02	IA1	Air	2-Butanone	11.8		0.18	1.47	ug/m3

Hit Summary Sheet
SW-846

SDG No.: Q3111

Client: GFE LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3111-02	IA1	Air	Carbon Tetrachloride	0.57		0.19	0.19	ug/m3
Q3111-02	IA1	Air	Chloroform	1.71	J	0.49	2.44	ug/m3
Q3111-02	IA1	Air	2,2,4-Trimethylpentane	24.8		0.65	2.34	ug/m3
Q3111-02	IA1	Air	Benzene	2.65		0.26	1.60	ug/m3
Q3111-02	IA1	Air	1,2-Dichloroethane	2.55		0.36	2.02	ug/m3
Q3111-02	IA1	Air	Toluene	23.0		0.60	1.88	ug/m3
Q3111-02	IA1	Air	Tetrachloroethene	0.34		0.14	0.20	ug/m3
Q3111-02	IA1	Air	Ethyl Benzene	1.95	JQ	0.83	2.17	ug/m3
Q3111-02	IA1	Air	m/p-Xylene	6.52		1.78	4.34	ug/m3
Q3111-02	IA1	Air	o-Xylene	2.08	J	0.91	2.17	ug/m3
Q3111-02	IA1	Air	Styrene	5.11		0.68	2.13	ug/m3
Q3111-02	IA1	Air	1,2,4-Trimethylbenzene	0.93	J	0.88	2.46	ug/m3
Q3111-02	IA1	Air	1,2,4-Trichlorobenzene	3.56	J	1.56	3.71	ug/m3
Q3111-02	IA1	Air	Naphthalene	2.20		0.050	0.52	ug/m3
Q3111-02	IA1	Air	4-Ethyltoluene	2.02	J	1.03	2.46	ug/m3
Q3111-02	IA1	Air	Hexane	10.9		0.56	1.76	ug/m3
Q3111-02	IA1	Air	Methyl Methacrylate	2.62		0.57	2.05	ug/m3
Total Voc :					488			
Total Concentration:					488			
Client ID:	IA1DL							
Q3111-02DL	IA1DL	Air	Acetone	831	D	17.1	47.5	ug/m3
Total Voc :					831			
Total Concentration:					831			



SAMPLE DATA

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	SV1	SDG No.:	Q3111
Lab Sample ID:	Q3111-01	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
VL042960.D	4		09/22/25 16:53	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	0.44	2.18	U	2.18	9.89
74-87-3	Chloromethane	0.39	0.81	U	0.81	4.13
75-01-4	Vinyl Chloride	0.10	0.26	U	0.26	0.31
74-83-9	Bromomethane	0.31	1.20	U	1.20	7.77
75-00-3	Chloroethane	0.60	1.58	U	1.58	5.28
109-99-9	Tetrahydrofuran	2.10	6.19		0.94	5.90
75-69-4	Trichlorofluoromethane	0.68	3.82	U	3.82	11.2
76-13-1	1,1,2-Trichlorotrifluoroethane	0.56	4.29	U	4.29	15.3
76-14-2	Dichlorotetrafluoroethane	0.60	4.19	U	4.19	14.0
75-65-0	tert-Butyl alcohol	0.68	2.06	J	1.94	6.06
142-82-5	Heptane	1.80	7.38	J	2.79	8.20
75-35-4	1,1-Dichloroethene	0.60	2.38	U	2.38	7.93
67-64-1	Acetone	210	499	E	1.71	4.75
75-15-0	Carbon Disulfide	3.20	9.97		1.00	6.23
1634-04-4	Methyl tert-Butyl Ether	0.92	3.32	U	3.32	7.21
75-09-2	Methylene Chloride	2.20	7.64		3.20	6.95
156-60-5	trans-1,2-Dichloroethene	0.48	1.90	U	1.90	7.93
75-34-3	1,1-Dichloroethane	0.52	2.10	U	2.10	8.09
110-82-7	Cyclohexane	0.88	3.03	J	3.03	6.88
78-93-3	2-Butanone	3.30	9.73		0.65	5.90
56-23-5	Carbon Tetrachloride	0.10	0.63	U	0.63	0.75
156-59-2	cis-1,2-Dichloroethene	0.40	1.59	U	1.59	7.93
67-66-3	Chloroform	0.38	1.86	U	1.86	9.77
71-55-6	1,1,1-Trichloroethane	0.060	0.33	U	0.33	0.65
540-84-1	2,2,4-Trimethylpentane	1.70	7.94	J	2.62	9.34
71-43-2	Benzene	1.40	4.47	J	1.02	6.39
107-06-2	1,2-Dichloroethane	0.37	1.50	U	1.50	8.09
79-01-6	Trichloroethene	0.10	0.54	U	0.54	0.64
78-87-5	1,2-Dichloropropane	0.52	2.40	U	2.40	9.24
75-27-4	Bromodichloromethane	0.25	1.67	U	1.67	13.4
108-10-1	4-Methyl-2-Pentanone	0.39	1.60	U	1.60	8.20
108-88-3	Toluene	4.40	16.6		2.41	7.54
10061-02-6	t-1,3-Dichloropropene	0.60	2.72	U	2.72	9.08
10061-01-5	cis-1,3-Dichloropropene	0.44	2.00	U	2.00	9.08
79-00-5	1,1,2-Trichloroethane	0.32	1.75	U	1.75	10.9

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	SV1	SDG No.:	Q3111
Lab Sample ID:	Q3111-01	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
VL042960.D	4		09/22/25 16:53	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
124-48-1	Dibromochloromethane	0.34	2.90	U	2.90	17.0
106-93-4	1,2-Dibromoethane	0.34	2.61	U	2.61	3.07
127-18-4	Tetrachloroethene	5.70	38.6		0.41	0.81
108-90-7	Chlorobenzene	0.31	1.43	U	1.43	9.21
100-41-4	Ethyl Benzene	0.76	3.30	U	3.30	8.69
179601-23-1	m/p-Xylene	1.70	7.38	J	6.95	17.4
95-47-6	o-Xylene	0.84	3.65	U	3.65	8.69
100-42-5	Styrene	0.80	3.41	J	2.72	8.52
75-25-2	Bromoform	0.19	1.96	U	1.96	20.7
79-34-5	1,1,2,2-Tetrachloroethane	0.070	0.48	U	0.48	0.82
95-49-8	2-Chlorotoluene	0.68	3.52	U	3.52	10.4
108-67-8	1,3,5-Trimethylbenzene	0.72	3.54	U	3.54	9.83
95-63-6	1,2,4-Trimethylbenzene	0.72	3.54	U	3.54	9.83
541-73-1	1,3-Dichlorobenzene	0.22	1.32	U	1.32	12.0
106-46-7	1,4-Dichlorobenzene	0.52	3.13	U	3.13	12.0
95-50-1	1,2-Dichlorobenzene	0.52	3.13	U	3.13	12.0
120-82-1	1,2,4-Trichlorobenzene	0.84	6.24	U	6.24	14.8
87-68-3	Hexachloro-1,3-Butadiene	0.52	5.55	U	5.55	21.3
106-99-0	1,3-Butadiene	0.20	0.44	U	0.44	4.42
91-20-3	Naphthalene	0.40	2.10		0.26	2.10
622-96-8	4-Ethyltoluene	0.84	4.13	U	4.13	9.83
110-54-3	Hexane	8.00	28.2		2.26	7.05
107-05-1	Allyl Chloride	0.44	1.38	U	1.38	6.26
123-91-1	1,4-Dioxane	0.88	3.17	U	3.17	7.21
80-62-6	Methyl Methacrylate	0.56	2.29	U	2.29	8.19
SURROGATES						
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135	101% SPK: 10
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	158000		2.79		
540-36-3	1,4-Difluorobenzene	482000		3.962		
3114-55-4	Chlorobenzene-d5	431000		8.885		

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	SV1	SDG No.:	Q3111
Lab Sample ID:	Q3111-01	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
VL042960.D	4		09/22/25 16:53	VL092225

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

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:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	SV1DL	SDG No.:	Q3111
Lab Sample ID:	Q3111-01DL	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
VL042961.D	40		09/22/25 17:28	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	21.8	UD	21.8	98.9
74-87-3	Chloromethane	3.90	8.05	UD	8.05	41.3
75-01-4	Vinyl Chloride	1.00	2.56	UD	2.56	3.07
74-83-9	Bromomethane	3.10	12.0	UD	12.0	77.7
75-00-3	Chloroethane	6.00	15.8	UD	15.8	52.8
109-99-9	Tetrahydrofuran	3.20	9.44	UD	9.44	59.0
75-69-4	Trichlorofluoromethane	6.80	38.2	UD	38.2	112
76-13-1	1,1,2-Trichlorotrifluoroethane	5.60	42.9	UD	42.9	153
76-14-2	Dichlorotetrafluoroethane	6.00	41.9	UD	41.9	140
75-65-0	tert-Butyl alcohol	6.40	19.4	UD	19.4	60.6
142-82-5	Heptane	6.80	27.9	UD	27.9	82.0
75-35-4	1,1-Dichloroethene	6.00	23.8	UD	23.8	79.3
67-64-1	Acetone	260	618	D	17.1	47.5
75-15-0	Carbon Disulfide	3.20	9.97	UD	9.97	62.3
1634-04-4	Methyl tert-Butyl Ether	9.20	33.2	UD	33.2	72.1
75-09-2	Methylene Chloride	9.20	32.0	UD	32.0	69.5
156-60-5	trans-1,2-Dichloroethene	4.80	19.0	UD	19.0	79.3
75-34-3	1,1-Dichloroethane	5.20	21.1	UD	21.1	81.0
110-82-7	Cyclohexane	8.80	30.3	UD	30.3	68.8
78-93-3	2-Butanone	4.60	13.6	JD	6.49	59.0
56-23-5	Carbon Tetrachloride	1.00	6.29	UD	6.29	7.55
156-59-2	cis-1,2-Dichloroethene	4.00	15.9	UD	15.9	79.3
67-66-3	Chloroform	3.80	18.6	UD	18.6	97.7
71-55-6	1,1,1-Trichloroethane	0.64	3.49	UD	3.49	6.55
540-84-1	2,2,4-Trimethylpentane	5.60	26.2	UD	26.2	93.4
71-43-2	Benzene	3.20	10.2	UD	10.2	63.9
107-06-2	1,2-Dichloroethane	3.70	15.0	UD	15.0	81.0
79-01-6	Trichloroethene	0.96	5.16	UD	5.16	6.45
78-87-5	1,2-Dichloropropane	5.20	24.0	UD	24.0	92.4
75-27-4	Bromodichloromethane	2.50	16.8	UD	16.8	134
108-10-1	4-Methyl-2-Pentanone	3.90	16.0	UD	16.0	82.0
108-88-3	Toluene	6.40	24.1	UD	24.1	75.4
10061-02-6	t-1,3-Dichloropropene	6.00	27.2	UD	27.2	90.8
10061-01-5	cis-1,3-Dichloropropene	4.40	20.0	UD	20.0	90.8
79-00-5	1,1,2-Trichloroethane	3.20	17.5	UD	17.5	109

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	SV1DL	SDG No.:	Q3111
Lab Sample ID:	Q3111-01DL	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
VL042961.D	40		09/22/25 17:28	VL092225

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
124-48-1	Dibromochloromethane	3.40	29.0	UD	29.0	170
106-93-4	1,2-Dibromoethane	3.40	26.1	UD	26.1	30.7
127-18-4	Tetrachloroethene	6.40	43.4	D	4.07	8.14
108-90-7	Chlorobenzene	3.10	14.3	UD	14.3	92.1
100-41-4	Ethyl Benzene	7.60	33.0	UD	33.0	86.9
179601-23-1	m/p-Xylene	16.4	71.2	UD	71.2	174
95-47-6	o-Xylene	8.40	36.5	UD	36.5	86.9
100-42-5	Styrene	6.40	27.3	UD	27.3	85.2
75-25-2	Bromoform	1.90	19.6	UD	19.6	207
79-34-5	1,1,2,2-Tetrachloroethane	0.72	4.94	UD	4.94	8.24
95-49-8	2-Chlorotoluene	6.80	35.2	UD	35.2	104
108-67-8	1,3,5-Trimethylbenzene	7.20	35.4	UD	35.4	98.3
95-63-6	1,2,4-Trimethylbenzene	7.20	35.4	UD	35.4	98.3
541-73-1	1,3-Dichlorobenzene	2.20	13.2	UD	13.2	120
106-46-7	1,4-Dichlorobenzene	5.20	31.3	UD	31.3	120
95-50-1	1,2-Dichlorobenzene	5.20	31.3	UD	31.3	120
120-82-1	1,2,4-Trichlorobenzene	8.40	62.4	UD	62.4	148
87-68-3	Hexachloro-1,3-Butadiene	5.20	55.5	UD	55.5	213
106-99-0	1,3-Butadiene	2.00	4.42	UD	4.42	44.3
91-20-3	Naphthalene	0.52	2.73	UD	2.73	21.0
622-96-8	4-Ethyltoluene	8.40	41.3	UD	41.3	98.3
110-54-3	Hexane	10.0	35.2	JD	22.6	70.5
107-05-1	Allyl Chloride	4.40	13.8	UD	13.8	62.6
123-91-1	1,4-Dioxane	8.80	31.7	UD	31.7	72.1
80-62-6	Methyl Methacrylate	5.60	22.9	UD	22.9	81.9
SURROGATES						
460-00-4	1-Bromo-4-Fluorobenzene	9.80			65 - 135	98% SPK: 10
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	156000		2.79		
540-36-3	1,4-Difluorobenzene	476000		3.965		
3114-55-4	Chlorobenzene-d5	425000		8.888		

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	SV1DL	SDG No.:	Q3111
Lab Sample ID:	Q3111-01DL	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
VL042961.D	40		09/22/25 17:28	VL092225

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

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:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	IA1	SDG No.:	Q3111
Lab Sample ID:	Q3111-02	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
VL042945.D	1		09/18/25 14:37	VL091825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	0.47	2.32	J	0.54	2.47
74-87-3	Chloromethane	0.60	1.24		0.21	1.03
75-01-4	Vinyl Chloride	0.030	0.080	U	0.080	0.080
74-83-9	Bromomethane	0.080	0.31	U	0.31	1.94
75-00-3	Chloroethane	0.15	0.40	U	0.40	1.32
109-99-9	Tetrahydrofuran	2.90	8.55		0.24	1.47
75-69-4	Trichlorofluoromethane	0.24	1.35	J	0.96	2.81
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1.07	3.83
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1.05	3.49
75-65-0	tert-Butyl alcohol	0.25	0.76	J	0.49	1.52
142-82-5	Heptane	0.81	3.32		0.70	2.05
75-35-4	1,1-Dichloroethene	0.15	0.59	U	0.59	1.98
67-64-1	Acetone	150	356	E	0.43	1.19
75-15-0	Carbon Disulfide	0.080	0.25	U	0.25	1.56
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	0.83	1.80
75-09-2	Methylene Chloride	2.10	7.30		0.80	1.74
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	0.48	1.98
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02
110-82-7	Cyclohexane	0.57	1.96		0.76	1.72
78-93-3	2-Butanone	4.00	11.8		0.18	1.47
56-23-5	Carbon Tetrachloride	0.090	0.57		0.19	0.19
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	0.40	1.98
67-66-3	Chloroform	0.35	1.71	J	0.49	2.44
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16
540-84-1	2,2,4-Trimethylpentane	5.30	24.8		0.65	2.34
71-43-2	Benzene	0.83	2.65		0.26	1.60
107-06-2	1,2-Dichloroethane	0.63	2.55		0.36	2.02
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16
78-87-5	1,2-Dichloropropane	0.13	0.60	U	0.60	2.31
75-27-4	Bromodichloromethane	0.060	0.40	U	0.40	3.35
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	0.41	2.05
108-88-3	Toluene	6.10	23.0		0.60	1.88
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	0.68	2.27
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	0.50	2.27
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	0.44	2.73

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	IA1	SDG No.:	Q3111
Lab Sample ID:	Q3111-02	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
VL042945.D	1		09/18/25 14:37	VL091825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
124-48-1	Dibromochloromethane	0.090	0.77	U	0.77	4.26
106-93-4	1,2-Dibromoethane	0.090	0.69	U	0.69	0.77
127-18-4	Tetrachloroethene	0.050	0.34		0.14	0.20
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30
100-41-4	Ethyl Benzene	0.45	1.95	JQ	0.83	2.17
179601-23-1	m/p-Xylene	1.50	6.52		1.78	4.34
95-47-6	o-Xylene	0.48	2.08	J	0.91	2.17
100-42-5	Styrene	1.20	5.11		0.68	2.13
75-25-2	Bromoform	0.050	0.52	U	0.52	5.17
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	0.14	0.21
95-49-8	2-Chlorotoluene	0.17	0.88	U	0.88	2.59
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	0.88	2.46
95-63-6	1,2,4-Trimethylbenzene	0.19	0.93	J	0.88	2.46
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	0.30	3.01
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	0.78	3.01
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	0.78	3.01
120-82-1	1,2,4-Trichlorobenzene	0.48	3.56	J	1.56	3.71
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1.39	5.33
106-99-0	1,3-Butadiene	0.050	0.11	U	0.11	1.11
91-20-3	Naphthalene	0.42	2.20		0.050	0.52
622-96-8	4-Ethyltoluene	0.41	2.02	J	1.03	2.46
110-54-3	Hexane	3.10	10.9		0.56	1.76
107-05-1	Allyl Chloride	0.11	0.34	U	0.34	1.57
123-91-1	1,4-Dioxane	0.22	0.79	U	0.79	1.80
80-62-6	Methyl Methacrylate	0.64	2.62		0.57	2.05
SURROGATES						
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100% SPK: 10
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	172000		2.79		
540-36-3	1,4-Difluorobenzene	434000		3.962		
3114-55-4	Chlorobenzene-d5	376000		8.888		

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	IA1	SDG No.:	Q3111
Lab Sample ID:	Q3111-02	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
VL042945.D	1		09/18/25 14:37	VL091825

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

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:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	IA1DL	SDG No.:	Q3111
Lab Sample ID:	Q3111-02DL	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
VL042947.D	40		09/18/25 15:50	VL091825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	4.40	21.8	UD	21.8	98.9
74-87-3	Chloromethane	3.90	8.05	UD	8.05	41.3
75-01-4	Vinyl Chloride	1.00	2.56	UD	2.56	3.07
74-83-9	Bromomethane	3.10	12.0	UD	12.0	77.7
75-00-3	Chloroethane	6.00	15.8	UD	15.8	52.8
109-99-9	Tetrahydrofuran	3.20	9.44	UD	9.44	59.0
75-69-4	Trichlorofluoromethane	6.80	38.2	UD	38.2	112
76-13-1	1,1,2-Trichlorotrifluoroethane	5.60	42.9	UD	42.9	153
76-14-2	Dichlorotetrafluoroethane	6.00	41.9	UD	41.9	140
75-65-0	tert-Butyl alcohol	6.40	19.4	UD	19.4	60.6
142-82-5	Heptane	6.80	27.9	UD	27.9	82.0
75-35-4	1,1-Dichloroethene	6.00	23.8	UD	23.8	79.3
67-64-1	Acetone	350	831	D	17.1	47.5
75-15-0	Carbon Disulfide	3.20	9.97	UD	9.97	62.3
1634-04-4	Methyl tert-Butyl Ether	9.20	33.2	UD	33.2	72.1
75-09-2	Methylene Chloride	9.20	32.0	UD	32.0	69.5
156-60-5	trans-1,2-Dichloroethene	4.80	19.0	UD	19.0	79.3
75-34-3	1,1-Dichloroethane	5.20	21.1	UD	21.1	81.0
110-82-7	Cyclohexane	8.80	30.3	UD	30.3	68.8
78-93-3	2-Butanone	2.20	6.49	UD	6.49	59.0
56-23-5	Carbon Tetrachloride	1.00	6.29	UD	6.29	7.55
156-59-2	cis-1,2-Dichloroethene	4.00	15.9	UD	15.9	79.3
67-66-3	Chloroform	3.80	18.6	UD	18.6	97.7
71-55-6	1,1,1-Trichloroethane	0.64	3.49	UD	3.49	6.55
540-84-1	2,2,4-Trimethylpentane	5.60	26.2	UD	26.2	93.4
71-43-2	Benzene	3.20	10.2	UD	10.2	63.9
107-06-2	1,2-Dichloroethane	3.70	15.0	UD	15.0	81.0
79-01-6	Trichloroethene	0.96	5.16	UD	5.16	6.45
78-87-5	1,2-Dichloropropane	5.20	24.0	UD	24.0	92.4
75-27-4	Bromodichloromethane	2.50	16.8	UD	16.8	134
108-10-1	4-Methyl-2-Pentanone	3.90	16.0	UD	16.0	82.0
108-88-3	Toluene	6.40	24.1	UD	24.1	75.4
10061-02-6	t-1,3-Dichloropropene	6.00	27.2	UD	27.2	90.8
10061-01-5	cis-1,3-Dichloropropene	4.40	20.0	UD	20.0	90.8
79-00-5	1,1,2-Trichloroethane	3.20	17.5	UD	17.5	109

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	IA1DL	SDG No.:	Q3111
Lab Sample ID:	Q3111-02DL	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
VL042947.D	40		09/18/25 15:50	VL091825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
124-48-1	Dibromochloromethane	3.40	29.0	UD	29.0	170
106-93-4	1,2-Dibromoethane	3.40	26.1	UD	26.1	30.7
127-18-4	Tetrachloroethene	0.60	4.07	UD	4.07	8.14
108-90-7	Chlorobenzene	3.10	14.3	UD	14.3	92.1
100-41-4	Ethyl Benzene	7.60	33.0	UDQ	33.0	86.9
179601-23-1	m/p-Xylene	16.4	71.2	UD	71.2	174
95-47-6	o-Xylene	8.40	36.5	UD	36.5	86.9
100-42-5	Styrene	6.40	27.3	UD	27.3	85.2
75-25-2	Bromoform	1.90	19.6	UD	19.6	207
79-34-5	1,1,2,2-Tetrachloroethane	0.72	4.94	UD	4.94	8.24
95-49-8	2-Chlorotoluene	6.80	35.2	UD	35.2	104
108-67-8	1,3,5-Trimethylbenzene	7.20	35.4	UD	35.4	98.3
95-63-6	1,2,4-Trimethylbenzene	7.20	35.4	UD	35.4	98.3
541-73-1	1,3-Dichlorobenzene	2.20	13.2	UD	13.2	120
106-46-7	1,4-Dichlorobenzene	5.20	31.3	UD	31.3	120
95-50-1	1,2-Dichlorobenzene	5.20	31.3	UD	31.3	120
120-82-1	1,2,4-Trichlorobenzene	8.40	62.4	UD	62.4	148
87-68-3	Hexachloro-1,3-Butadiene	5.20	55.5	UD	55.5	213
106-99-0	1,3-Butadiene	2.00	4.42	UD	4.42	44.3
91-20-3	Naphthalene	0.52	2.73	UD	2.73	21.0
622-96-8	4-Ethyltoluene	8.40	41.3	UD	41.3	98.3
110-54-3	Hexane	6.40	22.6	UD	22.6	70.5
107-05-1	Allyl Chloride	4.40	13.8	UD	13.8	62.6
123-91-1	1,4-Dioxane	8.80	31.7	UD	31.7	72.1
80-62-6	Methyl Methacrylate	5.60	22.9	UD	22.9	81.9
SURROGATES						
460-00-4	1-Bromo-4-Fluorobenzene	9.40			65 - 135	94% SPK: 10
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	163000		2.797		
540-36-3	1,4-Difluorobenzene	399000		3.972		
3114-55-4	Chlorobenzene-d5	324000		8.895		

Report of Analysis

Client:	GFE LLC	Date Collected:	09/13/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/16/25
Client Sample ID:	IA1DL	SDG No.:	Q3111
Lab Sample ID:	Q3111-02DL	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
VL042947.D	40		09/18/25 15:50	VL091825

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

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:	
Project:	28 RT 46 PINE BROOK	Date Received:	
Client Sample ID:	IA1DUP	SDG No.:	Q3111
Lab Sample ID:	Q3111-02DUP	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
VL042946.D	1		09/18/25 15:13	VL091825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
TARGETS						
75-71-8	Dichlorodifluoromethane	0.46	2.27	J	0.54	2.47
74-87-3	Chloromethane	0.54	1.12		0.21	1.03
75-01-4	Vinyl Chloride	0.030	0.080	U	0.080	0.080
74-83-9	Bromomethane	0.080	0.31	U	0.31	1.94
75-00-3	Chloroethane	0.15	0.40	U	0.40	1.32
109-99-9	Tetrahydrofuran	3.00	8.85		0.24	1.47
75-69-4	Trichlorofluoromethane	0.22	1.24	J	0.96	2.81
76-13-1	1,1,2-Trichlorotrifluoroethane	0.14	1.07	U	1.07	3.83
76-14-2	Dichlorotetrafluoroethane	0.15	1.05	U	1.05	3.49
75-65-0	tert-Butyl alcohol	0.24	0.73	J	0.49	1.52
142-82-5	Heptane	0.82	3.36		0.70	2.05
75-35-4	1,1-Dichloroethene	0.15	0.59	U	0.59	1.98
67-64-1	Acetone	150	356	E	0.43	1.19
75-15-0	Carbon Disulfide	0.080	0.25	U	0.25	1.56
1634-04-4	Methyl tert-Butyl Ether	0.23	0.83	U	0.83	1.80
75-09-2	Methylene Chloride	2.20	7.64		0.80	1.74
156-60-5	trans-1,2-Dichloroethene	0.12	0.48	U	0.48	1.98
75-34-3	1,1-Dichloroethane	0.13	0.53	U	0.53	2.02
110-82-7	Cyclohexane	0.62	2.13		0.76	1.72
78-93-3	2-Butanone	4.00	11.8		0.18	1.47
56-23-5	Carbon Tetrachloride	0.070	0.44		0.19	0.19
156-59-2	cis-1,2-Dichloroethene	0.10	0.40	U	0.40	1.98
67-66-3	Chloroform	0.35	1.71	J	0.49	2.44
71-55-6	1,1,1-Trichloroethane	0.020	0.11	U	0.11	0.16
540-84-1	2,2,4-Trimethylpentane	5.30	24.8		0.65	2.34
71-43-2	Benzene	0.84	2.68		0.26	1.60
107-06-2	1,2-Dichloroethane	0.63	2.55		0.36	2.02
79-01-6	Trichloroethene	0.020	0.11	U	0.11	0.16
78-87-5	1,2-Dichloropropane	0.13	0.60	U	0.60	2.31
75-27-4	Bromodichloromethane	0.060	0.40	U	0.40	3.35
108-10-1	4-Methyl-2-Pentanone	0.10	0.41	U	0.41	2.05
108-88-3	Toluene	6.20	23.4		0.60	1.88
10061-02-6	t-1,3-Dichloropropene	0.15	0.68	U	0.68	2.27
10061-01-5	cis-1,3-Dichloropropene	0.11	0.50	U	0.50	2.27
79-00-5	1,1,2-Trichloroethane	0.080	0.44	U	0.44	2.73

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	28 RT 46 PINE BROOK	Date Received:	
Client Sample ID:	IA1DUP	SDG No.:	Q3111
Lab Sample ID:	Q3111-02DUP	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
VL042946.D	1		09/18/25 15:13	VL091825

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL ug/m3	LOQ / CRQL ug/m3
124-48-1	Dibromochloromethane	0.090	0.77	U	0.77	4.26
106-93-4	1,2-Dibromoethane	0.090	0.69	U	0.69	0.77
127-18-4	Tetrachloroethene	0.060	0.41		0.14	0.20
108-90-7	Chlorobenzene	0.080	0.37	U	0.37	2.30
100-41-4	Ethyl Benzene	0.45	1.95	J	0.83	2.17
179601-23-1	m/p-Xylene	1.50	6.52		1.78	4.34
95-47-6	o-Xylene	0.49	2.13	J	0.91	2.17
100-42-5	Styrene	1.20	5.11		0.68	2.13
75-25-2	Bromoform	0.050	0.52	U	0.52	5.17
79-34-5	1,1,2,2-Tetrachloroethane	0.020	0.14	U	0.14	0.21
95-49-8	2-Chlorotoluene	0.17	0.88	U	0.88	2.59
108-67-8	1,3,5-Trimethylbenzene	0.18	0.88	U	0.88	2.46
95-63-6	1,2,4-Trimethylbenzene	0.19	0.93	J	0.88	2.46
541-73-1	1,3-Dichlorobenzene	0.050	0.30	U	0.30	3.01
106-46-7	1,4-Dichlorobenzene	0.13	0.78	U	0.78	3.01
95-50-1	1,2-Dichlorobenzene	0.13	0.78	U	0.78	3.01
120-82-1	1,2,4-Trichlorobenzene	0.48	3.56	J	1.56	3.71
87-68-3	Hexachloro-1,3-Butadiene	0.13	1.39	U	1.39	5.33
106-99-0	1,3-Butadiene	0.050	0.11	U	0.11	1.11
91-20-3	Naphthalene	0.42	2.20		0.050	0.52
622-96-8	4-Ethyltoluene	0.41	2.02	J	1.03	2.46
110-54-3	Hexane	3.10	10.9		0.56	1.76
107-05-1	Allyl Chloride	0.11	0.34	U	0.34	1.57
123-91-1	1,4-Dioxane	0.22	0.79	U	0.79	1.80
80-62-6	Methyl Methacrylate	0.65	2.66		0.57	2.05

SURROGATES

460-00-4	1-Bromo-4-Fluorobenzene	10.3		65 - 135	103%	SPK: 10
----------	-------------------------	------	--	----------	------	---------

INTERNAL STANDARDS

74-97-5	Bromochloromethane	171000	2.793
540-36-3	1,4-Difluorobenzene	427000	3.968
3114-55-4	Chlorobenzene-d5	360000	8.891

Report of Analysis

Client:	GFE LLC	Date Collected:	
Project:	28 RT 46 PINE BROOK	Date Received:	
Client Sample ID:	IA1DUP	SDG No.:	Q3111
Lab Sample ID:	Q3111-02DUP	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
VL042946.D	1		09/18/25 15:13	VL091825

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

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

LAB CHRONICLE

OrderID:	Q3111	OrderDate:	9/16/2025 12:15:36 PM
Client:	GFE LLC	Project:	28 RT 46 PINE BROOK
Contact:	Frank Galdun	Location:	Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3111-01	SV1	Air			09/13/25			09/16/25
			TO-15	TO-15			09/22/25	
Q3111-01DL	SV1DL	Air			09/13/25			09/16/25
			TO-15	TO-15			09/22/25	
Q3111-02	IA1	Air			09/13/25			09/16/25
			TO-15	TO-15			09/18/25	
Q3111-02DL	IA1DL	Air			09/13/25			09/16/25
			TO-15	TO-15			09/18/25	



SHIPPING DOCUMENTS

Client Contact Information				Bottle Order ID : B2509030				Courier : F Galdun				1 of 2 COCs					
Client ID : GFE01				Project ID : All Projects				Sampler Name(s) : FRANK Galdun				Analysis		Matrix			
Customer Name : GFE LLC Address : 58 Nokomis Ave City : Lake Hiawatha State : NJ Zip Code : 07034 Country :				Project Manager : Frank galdun				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified									
				Phone Number : 646-542-3465													
				Fax Number : 973-334-1692													
				Site Details: 28 RT. 46 PINE BROOK NJ													
				Analysis Turnaround Time 5 DAY				Data Package Type : RESULTS ONLY									
				Standard : 10 business days OR				EDD Type : PDF									
				Rush (Specify): 5 Days													
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/Ambient Air	Soil Gas
SV1	9/16/25	9:49	11:49	OVER 30	6	75	15	-30	-5.5	10616	10331	6 L	50	VL042829.D	1		1
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) 							
		Ambient	Maximum	Minimum													
Start																	
Stop																	
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.							
		Ambient	Maximum	Minimum													
Start																	
Stop																	
Special Instructions/QC Requirements & Comments :																	
Suspected Contamination: High Medium Low PID Readings: 0, 0																	
Sampling site (State):																	
Quick Connector required : No																	
Canisters Shipped by: Sam				Date/Time: 9/16/25				Canisters Received by: de				Date/Time: 9/16/25 11:18				B2509030 - 2	
Samples Relinquished by: Frank				Date/Time:				Received by:				Date/Time:					
Relinquished by:				Date/Time:				Received by:				Date/Time:					

Client Contact Information				Bottle Order ID : B2509030				Courier : FRANK GILDUN				2 of 2 COCs			
Client ID : GFEL01				Project ID : All Projects				Sampler Name(s) : FRANK GILDUN				Analysis		Matrix	
Customer Name : GFE LLC Address : 58 Nokomis Ave				Project Manager : Frank galdun				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified							
				Phone Number : 646-542-3465											
				Fax Number : 973-334-1692											
Site Details: 28 Rt 46 PINE BROOK NJ															
City : Lake Hiawatha				Analysis Turnaround Time 5 DAY				Data Package Type : Results only							
State : NJ				Standard : 10 business days OR				EDD Type : PID							
Zip Code : 07034				Rush (Specify): 5 Days											
Country :															

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 Ambient Air	Soil Gas
IA1	9/13/25	11:50	11:50	OVER 30	6	75	75	-30	-5.5	10649	10281	6 L	50	VL042829.D	1	1	

Temperature (Fahrenheit)					GC/MS Analyst Signature (TO-15)	
	Ambient	Maximum	Minimum			
Start						
Stop						

Pressure (Inches of Hg)					** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC.	
	Ambient	Maximum	Minimum			
Start						
Stop						

Special Instructions/QC Requirements & Comments :
 Suspected Contamination: High Medium Low PID Readings: 0.2
 Sampling site (State):
 Quick Connector required : NO
 Canisters Shipped by: SEA Date/Time: 09/11/25 Canisters Received by: CR Date/Time: 9/16/25 11:18
 Samples Relinquished by: FRANK Date/Time: Received by: Date/Time:
 Relinquished by: Date/Time: Received by: Date/Time:

B2509030 - 1

Laboratory Certification

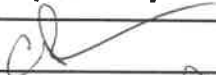
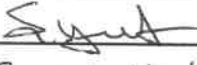
Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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: <u>Chemtech</u>		Location: <u>284 Sheffield Street, Mountainside, NJ 7092</u>	
NOTE:		Title: <u>Sample Custodian</u>	
Field Sample Seal No. <u>Q3111</u>		Date Broken <u>9/16/2025</u>	Military Time Seal Broken: <u>11:18:00</u>
Case No.: <u>28 RT 46 PINE BROOK</u>		Analytical Parameter/Fraction: <u>TO-15</u>	

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
Q3111-01	SV1		
Q3111-02	IA1		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
9/16/25	13:03	Signature 	Signature 	
		Printed Name <u>Castaneda Rene</u>	Printed Name <u>Sample Custodian</u>	
		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