

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

A
B
C
D

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

A

B

C

D

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:	09/18/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/18/25
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:	09/18/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/18/25
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:	09/18/25
Project:	28 RT 46 PINE BROOK	Date Received:	09/18/25
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
Client: GFE LLC
Contact: Frank Galdun

OrderDate: 9/16/2025 12:15:36 PM
Project: 28 RT 46 PINE BROOK
Location: Air Lab

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