

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

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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		

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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