

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

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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		

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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