

Report of Analysis

Client: G Environmental
Project: Lexington
Client Sample ID: SB2A
Lab Sample ID: Q3276-02
Analytical Method: 8260D
Sample Wt/Vol: 7.46 g

Soil Aliquot Vol: 100 uL
Level : MED
Final Vol: 5000 uL

Date Collected: 10/01/25
Date Received: 10/02/25
SDG No.: Q3276
Matrix: SOIL
% Solid: 91
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
74-87-3	Chloromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
75-01-4	Vinyl Chloride	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
74-83-9	Bromomethane	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
75-00-3	Chloroethane	4600	U	100	4600	18400	ug/Kg	10/14/25 15:13	VX101425
75-69-4	Trichlorofluoromethane	4500	U	100	4500	18400	ug/Kg	10/14/25 15:13	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
75-35-4	1,1-Dichloroethene	3700	U	100	3700	18400	ug/Kg	10/14/25 15:13	VX101425
67-64-1	Acetone	17500	U	100	17500	92100	ug/Kg	10/14/25 15:13	VX101425
75-15-0	Carbon Disulfide	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
1634-04-4	Methyl tert-butyl Ether	2700	U	100	2700	18400	ug/Kg	10/14/25 15:13	VX101425
79-20-9	Methyl Acetate	5700	U	100	5700	18400	ug/Kg	10/14/25 15:13	VX101425
75-09-2	Methylene Chloride	13000	U	100	13000	36800	ug/Kg	10/14/25 15:13	VX101425
156-60-5	trans-1,2-Dichloroethene	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
75-34-3	1,1-Dichloroethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
110-82-7	Cyclohexane	45000		100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
78-93-3	2-Butanone	24100	U	100	24100	92100	ug/Kg	10/14/25 15:13	VX101425
56-23-5	Carbon Tetrachloride	3600	U	100	3600	18400	ug/Kg	10/14/25 15:13	VX101425
156-59-2	cis-1,2-Dichloroethene	2800	U	100	2800	18400	ug/Kg	10/14/25 15:13	VX101425
74-97-5	Bromochloromethane	4200	U	100	4200	18400	ug/Kg	10/14/25 15:13	VX101425
67-66-3	Chloroform	3100	U	100	3100	18400	ug/Kg	10/14/25 15:13	VX101425
71-55-6	1,1,1-Trichloroethane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
108-87-2	Methylcyclohexane	123000		100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
71-43-2	Benzene	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
107-06-2	1,2-Dichloroethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
79-01-6	Trichloroethene	3000	U	100	3000	18400	ug/Kg	10/14/25 15:13	VX101425
78-87-5	1,2-Dichloropropane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
75-27-4	Bromodichloromethane	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
108-10-1	4-Methyl-2-Pentanone	13200	U	100	13200	92100	ug/Kg	10/14/25 15:13	VX101425
108-88-3	Toluene	2900	U	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
10061-02-6	t-1,3-Dichloropropene	2400	U	100	2400	18400	ug/Kg	10/14/25 15:13	VX101425
10061-01-5	cis-1,3-Dichloropropene	2300	U	100	2300	18400	ug/Kg	10/14/25 15:13	VX101425
79-00-5	1,1,2-Trichloroethane	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
591-78-6	2-Hexanone	13600	U	100	13600	92100	ug/Kg	10/14/25 15:13	VX101425
124-48-1	Dibromochloromethane	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
106-93-4	1,2-Dibromoethane	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425
127-18-4	Tetrachloroethene	3900	U	100	3900	18400	ug/Kg	10/14/25 15:13	VX101425
108-90-7	Chlorobenzene	3400	U	100	3400	18400	ug/Kg	10/14/25 15:13	VX101425
100-41-4	Ethyl Benzene	38900		100	2500	18400	ug/Kg	10/14/25 15:13	VX101425
179601-23-1	m/p-Xylenes	9700	J	100	4600	36800	ug/Kg	10/14/25 15:13	VX101425
95-47-6	o-Xylene	3000	U	100	3000	18400	ug/Kg	10/14/25 15:13	VX101425
100-42-5	Styrene	2600	U	100	2600	18400	ug/Kg	10/14/25 15:13	VX101425
75-25-2	Bromoform	3200	U	100	3200	18400	ug/Kg	10/14/25 15:13	VX101425

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10800	J	100	2900	18400	ug/Kg	10/14/25 15:13	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	4500	U	100	4500	18400	ug/Kg	10/14/25 15:13	VX101425
541-73-1	1,3-Dichlorobenzene	6300	U	100	6300	18400	ug/Kg	10/14/25 15:13	VX101425
106-46-7	1,4-Dichlorobenzene	5700	U	100	5700	18400	ug/Kg	10/14/25 15:13	VX101425
95-50-1	1,2-Dichlorobenzene	5300	U	100	5300	18400	ug/Kg	10/14/25 15:13	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	6800	U	100	6800	18400	ug/Kg	10/14/25 15:13	VX101425
120-82-1	1,2,4-Trichlorobenzene	10900	U	100	10900	18400	ug/Kg	10/14/25 15:13	VX101425
87-61-6	1,2,3-Trichlorobenzene	11700	U	100	11700	18400	ug/Kg	10/14/25 15:13	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			63 - 155	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	51.9			74 - 123	104%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.6			17 - 146	123%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	111000							
540-36-3	1,4-Difluorobenzene	241000							
3114-55-4	Chlorobenzene-d5	246000							
3855-82-1	1,4-Dichlorobenzene-d4	125000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products