

Report of Analysis

Client: G Environmental
Project: Lexington
Client Sample ID: SB4A
Lab Sample ID: Q3784-04
Analytical Method: 8260D
Sample Wt/Vol: 3.38 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3784
Matrix: SOIL
% Solid: 86.3
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2.00	U	1	2.00	8.60	ug/Kg	12/08/25 11:56	VW120825
74-87-3	Chloromethane	2.00	U	1	2.00	8.60	ug/Kg	12/08/25 11:56	VW120825
75-01-4	Vinyl Chloride	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
74-83-9	Bromomethane	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
75-00-3	Chloroethane	2.20	U	1	2.20	8.60	ug/Kg	12/08/25 11:56	VW120825
75-69-4	Trichlorofluoromethane	2.10	U	1	2.10	8.60	ug/Kg	12/08/25 11:56	VW120825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
75-65-0	Tert butyl alcohol	23.5	U	1	23.5	42.9	ug/Kg	12/08/25 11:56	VW120825
75-35-4	1,1-Dichloroethene	1.70	U	1	1.70	8.60	ug/Kg	12/08/25 11:56	VW120825
67-64-1	Acetone	8.10	U	1	8.10	42.9	ug/Kg	12/08/25 11:56	VW120825
75-15-0	Carbon Disulfide	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
1634-04-4	Methyl tert-butyl Ether	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
79-20-9	Methyl Acetate	2.60	U	1	2.60	8.60	ug/Kg	12/08/25 11:56	VW120825
75-09-2	Methylene Chloride	6.10	U	1	6.10	17.1	ug/Kg	12/08/25 11:56	VW120825
156-60-5	trans-1,2-Dichloroethene	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
75-34-3	1,1-Dichloroethane	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
110-82-7	Cyclohexane	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
78-93-3	2-Butanone	11.2	U	1	11.2	42.9	ug/Kg	12/08/25 11:56	VW120825
56-23-5	Carbon Tetrachloride	1.70	U	1	1.70	8.60	ug/Kg	12/08/25 11:56	VW120825
156-59-2	cis-1,2-Dichloroethene	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
74-97-5	Bromochloromethane	2.00	UQ	1	2.00	8.60	ug/Kg	12/08/25 11:56	VW120825
67-66-3	Chloroform	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
71-55-6	1,1,1-Trichloroethane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
108-87-2	Methylcyclohexane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
71-43-2	Benzene	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
107-06-2	1,2-Dichloroethane	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
79-01-6	Trichloroethene	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
78-87-5	1,2-Dichloropropane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
75-27-4	Bromodichloromethane	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
108-10-1	4-Methyl-2-Pentanone	6.10	U	1	6.10	42.9	ug/Kg	12/08/25 11:56	VW120825
108-88-3	Toluene	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
10061-02-6	t-1,3-Dichloropropene	1.10	U	1	1.10	8.60	ug/Kg	12/08/25 11:56	VW120825
10061-01-5	cis-1,3-Dichloropropene	1.10	U	1	1.10	8.60	ug/Kg	12/08/25 11:56	VW120825
79-00-5	1,1,2-Trichloroethane	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
591-78-6	2-Hexanone	6.30	U	1	6.30	42.9	ug/Kg	12/08/25 11:56	VW120825
124-48-1	Dibromochloromethane	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
106-93-4	1,2-Dibromoethane	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
127-18-4	Tetrachloroethene	1.80	U	1	1.80	8.60	ug/Kg	12/08/25 11:56	VW120825
108-90-7	Chlorobenzene	1.60	U	1	1.60	8.60	ug/Kg	12/08/25 11:56	VW120825
100-41-4	Ethyl Benzene	1.10	U	1	1.10	8.60	ug/Kg	12/08/25 11:56	VW120825
179601-23-1	m/p-Xylenes	2.10	U	1	2.10	17.1	ug/Kg	12/08/25 11:56	VW120825
95-47-6	o-Xylene	1.40	U	1	1.40	8.60	ug/Kg	12/08/25 11:56	VW120825
100-42-5	Styrene	1.20	U	1	1.20	8.60	ug/Kg	12/08/25 11:56	VW120825

Report of Analysis

Client: G Environmental
Project: Lexington
Client Sample ID: SB4A
Lab Sample ID: Q3784-04
Analytical Method: 8260D
Sample Wt/Vol: 3.38 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/04/25
Date Received: 12/04/25
SDG No.: Q3784
Matrix: SOIL
% Solid: 86.3
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	1.50	U	1	1.50	8.60	ug/Kg	12/08/25 11:56	VW120825
98-82-8	Isopropylbenzene	1.30	U	1	1.30	8.60	ug/Kg	12/08/25 11:56	VW120825
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1	2.10	8.60	ug/Kg	12/08/25 11:56	VW120825
541-73-1	1,3-Dichlorobenzene	2.90	U	1	2.90	8.60	ug/Kg	12/08/25 11:56	VW120825
106-46-7	1,4-Dichlorobenzene	2.70	U	1	2.70	8.60	ug/Kg	12/08/25 11:56	VW120825
95-50-1	1,2-Dichlorobenzene	2.50	U	1	2.50	8.60	ug/Kg	12/08/25 11:56	VW120825
96-12-8	1,2-Dibromo-3-Chloropropane	3.20	U	1	3.20	8.60	ug/Kg	12/08/25 11:56	VW120825
120-82-1	1,2,4-Trichlorobenzene	5.10	U	1	5.10	8.60	ug/Kg	12/08/25 11:56	VW120825
87-61-6	1,2,3-Trichlorobenzene	5.50	U	1	5.50	8.60	ug/Kg	12/08/25 11:56	VW120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.4			70 (63) - 130 (155)	97%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.3			70 (70) - 130 (134)	91%	SPK: 50		
2037-26-5	Toluene-d8	40.2			70 (74) - 130 (123)	80%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.4			70 (52) - 130 (138)	79%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	208000							
540-36-3	1,4-Difluorobenzene	392000							
3114-55-4	Chlorobenzene-d5	367000							
3855-82-1	1,4-Dichlorobenzene-d4	161000							

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