

Report of Analysis

Client: G Environmental
Project: Lexington
Client Sample ID: VN1209MBL01
Lab Sample ID: VN1209MBL01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Soil Aliquot Vol: 100 uL
Level: MED
Final Vol: 10000 uL

Date Collected:
Date Received:
SDG No.: Q3784
Matrix: SOIL
% Solid: 100
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
74-87-3	Chloromethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
75-01-4	Vinyl Chloride	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
74-83-9	Bromomethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
75-00-3	Chloroethane	130	U	1	130	500	ug/Kg	12/09/25 11:21	VN120925
75-69-4	Trichlorofluoromethane	120	U	1	120	500	ug/Kg	12/09/25 11:21	VN120925
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
75-65-0	Tert butyl alcohol	1400	U	1	1400	2500	ug/Kg	12/09/25 11:21	VN120925
75-35-4	1,1-Dichloroethene	100	U	1	100	500	ug/Kg	12/09/25 11:21	VN120925
67-64-1	Acetone	470	U	1	470	2500	ug/Kg	12/09/25 11:21	VN120925
75-15-0	Carbon Disulfide	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
1634-04-4	Methyl tert-butyl Ether	73.0	U	1	73.0	500	ug/Kg	12/09/25 11:21	VN120925
79-20-9	Methyl Acetate	150	U	1	150	500	ug/Kg	12/09/25 11:21	VN120925
75-09-2	Methylene Chloride	350	U	1	350	1000	ug/Kg	12/09/25 11:21	VN120925
156-60-5	trans-1,2-Dichloroethene	86.0	U	1	86.0	500	ug/Kg	12/09/25 11:21	VN120925
75-34-3	1,1-Dichloroethane	80.0	U	1	80.0	500	ug/Kg	12/09/25 11:21	VN120925
110-82-7	Cyclohexane	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
78-93-3	2-Butanone	650	U	1	650	2500	ug/Kg	12/09/25 11:21	VN120925
56-23-5	Carbon Tetrachloride	97.0	U	1	97.0	500	ug/Kg	12/09/25 11:21	VN120925
156-59-2	cis-1,2-Dichloroethene	75.0	U	1	75.0	500	ug/Kg	12/09/25 11:21	VN120925
74-97-5	Bromochloromethane	120	U	1	120	500	ug/Kg	12/09/25 11:21	VN120925
67-66-3	Chloroform	84.0	U	1	84.0	500	ug/Kg	12/09/25 11:21	VN120925
71-55-6	1,1,1-Trichloroethane	93.0	U	1	93.0	500	ug/Kg	12/09/25 11:21	VN120925
108-87-2	Methylcyclohexane	91.0	U	1	91.0	500	ug/Kg	12/09/25 11:21	VN120925
71-43-2	Benzene	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
107-06-2	1,2-Dichloroethane	79.0	U	1	79.0	500	ug/Kg	12/09/25 11:21	VN120925
79-01-6	Trichloroethene	81.0	U	1	81.0	500	ug/Kg	12/09/25 11:21	VN120925
78-87-5	1,2-Dichloropropane	91.0	U	1	91.0	500	ug/Kg	12/09/25 11:21	VN120925
75-27-4	Bromodichloromethane	78.0	U	1	78.0	500	ug/Kg	12/09/25 11:21	VN120925
108-10-1	4-Methyl-2-Pentanone	360	U	1	360	2500	ug/Kg	12/09/25 11:21	VN120925
108-88-3	Toluene	78.0	U	1	78.0	500	ug/Kg	12/09/25 11:21	VN120925
10061-02-6	t-1,3-Dichloropropene	65.0	U	1	65.0	500	ug/Kg	12/09/25 11:21	VN120925
10061-01-5	cis-1,3-Dichloropropene	62.0	U	1	62.0	500	ug/Kg	12/09/25 11:21	VN120925
79-00-5	1,1,2-Trichloroethane	92.0	U	1	92.0	500	ug/Kg	12/09/25 11:21	VN120925
591-78-6	2-Hexanone	370	U	1	370	2500	ug/Kg	12/09/25 11:21	VN120925
124-48-1	Dibromochloromethane	87.0	U	1	87.0	500	ug/Kg	12/09/25 11:21	VN120925
106-93-4	1,2-Dibromoethane	88.0	U	1	88.0	500	ug/Kg	12/09/25 11:21	VN120925
127-18-4	Tetrachloroethene	110	U	1	110	500	ug/Kg	12/09/25 11:21	VN120925
108-90-7	Chlorobenzene	91.0	U	1	91.0	500	ug/Kg	12/09/25 11:21	VN120925
100-41-4	Ethyl Benzene	67.0	U	1	67.0	500	ug/Kg	12/09/25 11:21	VN120925
179601-23-1	m/p-Xylenes	120	U	1	120	1000	ug/Kg	12/09/25 11:21	VN120925
95-47-6	o-Xylene	82.0	U	1	82.0	500	ug/Kg	12/09/25 11:21	VN120925
100-42-5	Styrene	71.0	U	1	71.0	500	ug/Kg	12/09/25 11:21	VN120925

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Analytical Method: 8260D
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Soil Aliquot Vol: 100 uL
Level: MED
Final Vol: 10000 uL

Date Collected:
Date Received:
SDG No.: Q3784
Matrix: SOIL
% Solid: 100
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	86.0	U	1	86.0	500	ug/Kg	12/09/25 11:21	VN120925
98-82-8	Isopropylbenzene	78.0	U	1	78.0	500	ug/Kg	12/09/25 11:21	VN120925
79-34-5	1,1,2,2-Tetrachloroethane	120	U	1	120	500	ug/Kg	12/09/25 11:21	VN120925
541-73-1	1,3-Dichlorobenzene	170	U	1	170	500	ug/Kg	12/09/25 11:21	VN120925
106-46-7	1,4-Dichlorobenzene	160	U	1	160	500	ug/Kg	12/09/25 11:21	VN120925
95-50-1	1,2-Dichlorobenzene	150	U	1	150	500	ug/Kg	12/09/25 11:21	VN120925
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	1	180	500	ug/Kg	12/09/25 11:21	VN120925
120-82-1	1,2,4-Trichlorobenzene	300	U	1	300	500	ug/Kg	12/09/25 11:21	VN120925
87-61-6	1,2,3-Trichlorobenzene	320	U	1	320	500	ug/Kg	12/09/25 11:21	VN120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	67.3	*		70 (63) - 130 (155)	135%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.3			70 (70) - 130 (134)	109%	SPK: 50		
2037-26-5	Toluene-d8	51.2			70 (74) - 130 (123)	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.0			70 (52) - 130 (138)	108%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	179000							
540-36-3	1,4-Difluorobenzene	427000							
3114-55-4	Chlorobenzene-d5	424000							
3855-82-1	1,4-Dichlorobenzene-d4	192000							

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