

Report of Analysis

Client: G Environmental
Project: Lexington
Client Sample ID: VX1014MBS02
Lab Sample ID: VX1014MBS02
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.: Q3276
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	2100		1	110	500	ug/Kg	10/14/25 14:31	VX101425
74-87-3	Chloromethane	1900		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-01-4	Vinyl Chloride	2100		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
74-83-9	Bromomethane	2300		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-00-3	Chloroethane	1900		1	130	500	ug/Kg	10/14/25 14:31	VX101425
75-69-4	Trichlorofluoromethane	2200		1	120	500	ug/Kg	10/14/25 14:31	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	2100		1	110	500	ug/Kg	10/14/25 14:31	VX101425
75-35-4	1,1-Dichloroethene	2000		1	100	500	ug/Kg	10/14/25 14:31	VX101425
67-64-1	Acetone	7400		1	470	2500	ug/Kg	10/14/25 14:31	VX101425
75-15-0	Carbon Disulfide	2200		1	110	500	ug/Kg	10/14/25 14:31	VX101425
1634-04-4	Methyl tert-butyl Ether	1800		1	73.0	500	ug/Kg	10/14/25 14:31	VX101425
79-20-9	Methyl Acetate	1700		1	150	500	ug/Kg	10/14/25 14:31	VX101425
75-09-2	Methylene Chloride	1900		1	350	1000	ug/Kg	10/14/25 14:31	VX101425
156-60-5	trans-1,2-Dichloroethene	2000		1	86.0	500	ug/Kg	10/14/25 14:31	VX101425
75-34-3	1,1-Dichloroethane	2000		1	80.0	500	ug/Kg	10/14/25 14:31	VX101425
110-82-7	Cyclohexane	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
78-93-3	2-Butanone	8500		1	650	2500	ug/Kg	10/14/25 14:31	VX101425
56-23-5	Carbon Tetrachloride	2200		1	97.0	500	ug/Kg	10/14/25 14:31	VX101425
156-59-2	cis-1,2-Dichloroethene	1900		1	75.0	500	ug/Kg	10/14/25 14:31	VX101425
74-97-5	Bromochloromethane	2100		1	120	500	ug/Kg	10/14/25 14:31	VX101425
67-66-3	Chloroform	2000		1	84.0	500	ug/Kg	10/14/25 14:31	VX101425
71-55-6	1,1,1-Trichloroethane	2100		1	93.0	500	ug/Kg	10/14/25 14:31	VX101425
108-87-2	Methylcyclohexane	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
71-43-2	Benzene	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
107-06-2	1,2-Dichloroethane	2000		1	79.0	500	ug/Kg	10/14/25 14:31	VX101425
79-01-6	Trichloroethene	2100		1	81.0	500	ug/Kg	10/14/25 14:31	VX101425
78-87-5	1,2-Dichloropropane	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
75-27-4	Bromodichloromethane	2000		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
108-10-1	4-Methyl-2-Pentanone	9400		1	360	2500	ug/Kg	10/14/25 14:31	VX101425
108-88-3	Toluene	2100		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
10061-02-6	t-1,3-Dichloropropene	1900		1	65.0	500	ug/Kg	10/14/25 14:31	VX101425
10061-01-5	cis-1,3-Dichloropropene	2000		1	62.0	500	ug/Kg	10/14/25 14:31	VX101425
79-00-5	1,1,2-Trichloroethane	2100		1	92.0	500	ug/Kg	10/14/25 14:31	VX101425
591-78-6	2-Hexanone	9100		1	370	2500	ug/Kg	10/14/25 14:31	VX101425
124-48-1	Dibromochloromethane	2200		1	87.0	500	ug/Kg	10/14/25 14:31	VX101425
106-93-4	1,2-Dibromoethane	2100		1	88.0	500	ug/Kg	10/14/25 14:31	VX101425
127-18-4	Tetrachloroethene	2200		1	110	500	ug/Kg	10/14/25 14:31	VX101425
108-90-7	Chlorobenzene	2000		1	91.0	500	ug/Kg	10/14/25 14:31	VX101425
100-41-4	Ethyl Benzene	1900		1	67.0	500	ug/Kg	10/14/25 14:31	VX101425
179601-23-1	m/p-Xylenes	4000		1	120	1000	ug/Kg	10/14/25 14:31	VX101425
95-47-6	o-Xylene	2000		1	82.0	500	ug/Kg	10/14/25 14:31	VX101425
100-42-5	Styrene	1900		1	71.0	500	ug/Kg	10/14/25 14:31	VX101425
75-25-2	Bromoform	2100		1	86.0	500	ug/Kg	10/14/25 14:31	VX101425

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Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1800		1	78.0	500	ug/Kg	10/14/25 14:31	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	1800		1	120	500	ug/Kg	10/14/25 14:31	VX101425
541-73-1	1,3-Dichlorobenzene	1800		1	170	500	ug/Kg	10/14/25 14:31	VX101425
106-46-7	1,4-Dichlorobenzene	1800		1	160	500	ug/Kg	10/14/25 14:31	VX101425
95-50-1	1,2-Dichlorobenzene	1800		1	150	500	ug/Kg	10/14/25 14:31	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	1700		1	180	500	ug/Kg	10/14/25 14:31	VX101425
120-82-1	1,2,4-Trichlorobenzene	1700		1	300	500	ug/Kg	10/14/25 14:31	VX101425
87-61-6	1,2,3-Trichlorobenzene	1700		1	320	500	ug/Kg	10/14/25 14:31	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	45.8			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			70 - 134	99%	SPK: 50		
2037-26-5	Toluene-d8	48.0			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.6			17 - 146	99%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	127000							
540-36-3	1,4-Difluorobenzene	220000							
3114-55-4	Chlorobenzene-d5	204000							
3855-82-1	1,4-Dichlorobenzene-d4	106000							

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