

Report of Analysis

Client: G Environmental
Project: Lexington
Client Sample ID: VW1208SBS01
Lab Sample ID: VW1208SBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 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	22.5		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
74-87-3	Chloromethane	18.8		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
75-01-4	Vinyl Chloride	20.0		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
74-83-9	Bromomethane	19.6		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
75-00-3	Chloroethane	19.5		1	1.30	5.00	ug/Kg	12/08/25 11:01	VW120825
75-69-4	Trichlorofluoromethane	20.8		1	1.20	5.00	ug/Kg	12/08/25 11:01	VW120825
76-13-1	1,1,2-Trichlorotrifluoroethane	20.6		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
75-65-0	Tert butyl alcohol	89.1		1	13.7	25.0	ug/Kg	12/08/25 11:01	VW120825
75-35-4	1,1-Dichloroethene	19.6		1	1.00	5.00	ug/Kg	12/08/25 11:01	VW120825
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	12/08/25 11:01	VW120825
75-15-0	Carbon Disulfide	19.9		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
1634-04-4	Methyl tert-butyl Ether	20.8		1	0.73	5.00	ug/Kg	12/08/25 11:01	VW120825
79-20-9	Methyl Acetate	20.9		1	1.50	5.00	ug/Kg	12/08/25 11:01	VW120825
75-09-2	Methylene Chloride	19.3		1	3.50	10.0	ug/Kg	12/08/25 11:01	VW120825
156-60-5	trans-1,2-Dichloroethene	19.5		1	0.86	5.00	ug/Kg	12/08/25 11:01	VW120825
75-34-3	1,1-Dichloroethane	20.1		1	0.80	5.00	ug/Kg	12/08/25 11:01	VW120825
110-82-7	Cyclohexane	20.1		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	12/08/25 11:01	VW120825
56-23-5	Carbon Tetrachloride	19.6		1	0.97	5.00	ug/Kg	12/08/25 11:01	VW120825
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.75	5.00	ug/Kg	12/08/25 11:01	VW120825
74-97-5	Bromochloromethane	20.6		1	1.20	5.00	ug/Kg	12/08/25 11:01	VW120825
67-66-3	Chloroform	19.9		1	0.84	5.00	ug/Kg	12/08/25 11:01	VW120825
71-55-6	1,1,1-Trichloroethane	20.0		1	0.93	5.00	ug/Kg	12/08/25 11:01	VW120825
108-87-2	Methylcyclohexane	19.3		1	0.91	5.00	ug/Kg	12/08/25 11:01	VW120825
71-43-2	Benzene	19.1		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
107-06-2	1,2-Dichloroethane	20.0		1	0.79	5.00	ug/Kg	12/08/25 11:01	VW120825
79-01-6	Trichloroethene	19.4		1	0.81	5.00	ug/Kg	12/08/25 11:01	VW120825
78-87-5	1,2-Dichloropropane	19.9		1	0.91	5.00	ug/Kg	12/08/25 11:01	VW120825
75-27-4	Bromodichloromethane	19.7		1	0.78	5.00	ug/Kg	12/08/25 11:01	VW120825
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	12/08/25 11:01	VW120825
108-88-3	Toluene	19.7		1	0.78	5.00	ug/Kg	12/08/25 11:01	VW120825
10061-02-6	t-1,3-Dichloropropene	19.2		1	0.65	5.00	ug/Kg	12/08/25 11:01	VW120825
10061-01-5	cis-1,3-Dichloropropene	19.3		1	0.62	5.00	ug/Kg	12/08/25 11:01	VW120825
79-00-5	1,1,2-Trichloroethane	20.6		1	0.92	5.00	ug/Kg	12/08/25 11:01	VW120825
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	12/08/25 11:01	VW120825
124-48-1	Dibromochloromethane	19.4		1	0.87	5.00	ug/Kg	12/08/25 11:01	VW120825
106-93-4	1,2-Dibromoethane	20.6		1	0.88	5.00	ug/Kg	12/08/25 11:01	VW120825
127-18-4	Tetrachloroethene	18.1		1	1.10	5.00	ug/Kg	12/08/25 11:01	VW120825
108-90-7	Chlorobenzene	17.9		1	0.91	5.00	ug/Kg	12/08/25 11:01	VW120825
100-41-4	Ethyl Benzene	18.2		1	0.67	5.00	ug/Kg	12/08/25 11:01	VW120825
179601-23-1	m/p-Xylenes	37.4		1	1.20	10.0	ug/Kg	12/08/25 11:01	VW120825
95-47-6	o-Xylene	18.0		1	0.82	5.00	ug/Kg	12/08/25 11:01	VW120825
100-42-5	Styrene	19.3		1	0.71	5.00	ug/Kg	12/08/25 11:01	VW120825

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% Solid: 100
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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	19.1		1	0.86	5.00	ug/Kg	12/08/25 11:01	VW120825
98-82-8	Isopropylbenzene	18.7		1	0.78	5.00	ug/Kg	12/08/25 11:01	VW120825
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1	1.20	5.00	ug/Kg	12/08/25 11:01	VW120825
541-73-1	1,3-Dichlorobenzene	19.3		1	1.70	5.00	ug/Kg	12/08/25 11:01	VW120825
106-46-7	1,4-Dichlorobenzene	18.9		1	1.60	5.00	ug/Kg	12/08/25 11:01	VW120825
95-50-1	1,2-Dichlorobenzene	19.7		1	1.50	5.00	ug/Kg	12/08/25 11:01	VW120825
96-12-8	1,2-Dibromo-3-Chloropropane	19.8		1	1.80	5.00	ug/Kg	12/08/25 11:01	VW120825
120-82-1	1,2,4-Trichlorobenzene	17.3		1	3.00	5.00	ug/Kg	12/08/25 11:01	VW120825
87-61-6	1,2,3-Trichlorobenzene	17.9		1	3.20	5.00	ug/Kg	12/08/25 11:01	VW120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.1			70 (63) - 130 (155)	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			70 (70) - 130 (134)	97%	SPK: 50		
2037-26-5	Toluene-d8	47.7			70 (74) - 130 (123)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			70 (52) - 130 (138)	95%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	346000							
540-36-3	1,4-Difluorobenzene	656000							
3114-55-4	Chlorobenzene-d5	620000							
3855-82-1	1,4-Dichlorobenzene-d4	286000							

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