

Report of Analysis

Client:	G Environmental		Date Collected:	05/07/25	
Project:	Hillside		Date Received:	05/08/25	
Client Sample ID:	GC1		SDG No.:	Q1987	
Lab Sample ID:	Q1987-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	86.6	
Sample Wt/Vol:	5	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022230.D	1		05/12/25 17:19	VY051225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.30	U	1.30	5.80	ug/Kg
75-01-4	Vinyl Chloride	0.91	U	0.91	5.80	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.80	ug/Kg
75-00-3	Chloroethane	1.50	U	1.50	5.80	ug/Kg
75-65-0	Tert butyl alcohol	15.8	U	15.8	28.9	ug/Kg
75-35-4	1,1-Dichloroethene	1.20	U	1.20	5.80	ug/Kg
67-64-1	Acetone	5.50	U	5.50	28.9	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.84	U	0.84	5.80	ug/Kg
75-09-2	Methylene Chloride	4.10	U	4.10	11.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.99	U	0.99	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.92	U	0.92	5.80	ug/Kg
78-93-3	2-Butanone	7.60	U	7.60	28.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.87	U	0.87	5.80	ug/Kg
67-66-3	Chloroform	0.97	U	0.97	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
71-43-2	Benzene	0.91	U	0.91	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.91	U	0.91	5.80	ug/Kg
79-01-6	Trichloroethene	0.94	U	0.94	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	5.80	ug/Kg
75-27-4	Bromodichloromethane	0.90	U	0.90	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	28.9	ug/Kg
108-88-3	Toluene	0.90	U	0.90	5.80	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.75	U	0.75	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.72	U	0.72	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	5.80	ug/Kg
591-78-6	2-Hexanone	4.30	U	4.30	28.9	ug/Kg
124-48-1	Dibromochloromethane	1.00	U	1.00	5.80	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.80	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	1.10	U	1.10	5.80	ug/Kg
100-41-4	Ethyl Benzene	0.77	U	0.77	5.80	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.5	ug/Kg
95-47-6	o-Xylene	0.95	U	0.95	5.80	ug/Kg
100-42-5	Styrene	0.82	U	0.82	5.80	ug/Kg
75-25-2	Bromoform	0.99	U	0.99	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	5.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.5	*	70 (63) - 130 (155)	131%	SPK: 50
1868-53-7	Dibromofluoromethane	58.3		70 (70) - 130 (134)	117%	SPK: 50
2037-26-5	Toluene-d8	52.1		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		70 (38) - 130 (136)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	140000	7.707			
540-36-3	1,4-Difluorobenzene	262000	8.616			
3114-55-4	Chlorobenzene-d5	235000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	98700	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						
000128-37-0	Butylated Hydroxytoluene	6.60	J		14.0	ug/Kg

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