

Report of Analysis

Client:	G Environmental		Date Collected:	05/15/25	
Project:	Dover		Date Received:	05/15/25	
Client Sample ID:	GVD14		SDG No.:	Q2056	
Lab Sample ID:	Q2056-04		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.8	
Sample Wt/Vol:	6.57	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
VY022338.D	1		05/20/25 13:25	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.10	UQ	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.73	UQ	0.73	4.70	ug/Kg
74-83-9	Bromomethane	1.00	UQ	1.00	4.70	ug/Kg
75-00-3	Chloroethane	1.20	UQ	1.20	4.70	ug/Kg
75-65-0	Tert butyl alcohol	12.7	U	12.7	23.3	ug/Kg
75-35-4	1,1-Dichloroethene	0.93	U	0.93	4.70	ug/Kg
67-64-1	Acetone	4.40	U	4.40	23.3	ug/Kg
75-15-0	Carbon Disulfide	0.99	U	0.99	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.68	U	0.68	4.70	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.80	U	0.80	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.74	U	0.74	4.70	ug/Kg
78-93-3	2-Butanone	6.10	U	6.10	23.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.90	U	0.90	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.70	U	0.70	4.70	ug/Kg
67-66-3	Chloroform	0.78	U	0.78	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	4.70	ug/Kg
71-43-2	Benzene	0.73	U	0.73	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.73	U	0.73	4.70	ug/Kg
79-01-6	Trichloroethene	0.75	U	0.75	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.85	U	0.85	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.30	U	3.30	23.3	ug/Kg
108-88-3	Toluene	0.73	U	0.73	4.70	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.60	U	0.60	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	0.86	4.70	ug/Kg
591-78-6	2-Hexanone	3.40	U	3.40	23.3	ug/Kg
124-48-1	Dibromochloromethane	0.81	U	0.81	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.98	U	0.98	4.70	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.85	U	0.85	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.62	U	0.62	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.30	ug/Kg
95-47-6	o-Xylene	0.76	U	0.76	4.70	ug/Kg
100-42-5	Styrene	0.66	U	0.66	4.70	ug/Kg
75-25-2	Bromoform	0.80	U	0.80	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	49.2		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.0		38 - 136	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	7.707			
540-36-3	1,4-Difluorobenzene	423000	8.616			
3114-55-4	Chlorobenzene-d5	328000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	112000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
	unknown1.812	15.7	J		1.81	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