

Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOCMS Group1

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	5.10		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	1.40		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	3.20		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	2.70		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	32.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	18.1		0.31	2.00	ug/L
95-47-6	o-Xylene	1.50		0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69400	5.55			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	74.7	J		1.74	ug/L
000079-29-8	Butane, 2,3-dimethyl-	70.1	J		2.78	ug/L
000107-83-5	Pentane, 2-methyl-	90.9	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	96.3	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	81.3	J		4.29	ug/L
110-82-7	Cyclohexane	17.5	J		5.47	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	75.8	J		5.61	ug/L
000589-34-4	Hexane, 3-methyl-	33.7	J		5.82	ug/L
000540-84-1	Pentane, 2,2,4-trimethyl-	58.3	J		6.25	ug/L
108-87-2	Methylcyclohexane	19.0	J		7.37	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	32.1	J		8.10	ug/L
98-82-8	Isopropylbenzene	13.2	J		11.0	ug/L
103-65-1	n-propylbenzene	21.6	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.40	J		11.5	ug/L

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000611-14-3	Benzene, 1-ethyl-2-methyl-	41.2	J		11.6	ug/L
98-06-6	tert-Butylbenzene	2.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	35.8	J		11.8	ug/L
135-98-8	sec-Butylbenzene	3.40	J		11.9	ug/L
000637-50-3	Benzene, 1-propenyl-	77.7	J		12.2	ug/L
104-51-8	n-Butylbenzene	1.90	J		12.3	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	35.0	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	77.8	J		12.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.9	J		13.2	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	85.5	J		13.3	ug/L
91-20-3	Naphthalene	7.90	J		13.8	ug/L

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