

Report of Analysis

Client: G Environmental
Project: Buffington
Client Sample ID: MW2
Lab Sample ID: Q3464-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/24/25
Date Received: 10/24/25
SDG No.: Q3464
Matrix: Water
% Solid: 0
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	10/27/25 13:10	VN102725
74-87-3	Chloromethane	52.2		1	0.32	1.00	ug/L	10/27/25 13:10	VN102725
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/27/25 13:10	VN102725
74-83-9	Bromomethane	4.30	J	1	1.40	5.00	ug/L	10/27/25 13:10	VN102725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/27/25 13:10	VN102725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/27/25 13:10	VN102725
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/27/25 13:10	VN102725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/27/25 13:10	VN102725
67-64-1	Acetone	26.1		1	1.50	5.00	ug/L	10/27/25 13:10	VN102725
75-15-0	Carbon Disulfide	0.72	J	1	0.21	1.00	ug/L	10/27/25 13:10	VN102725
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	10/27/25 13:10	VN102725
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/27/25 13:10	VN102725
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	10/27/25 13:10	VN102725
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/27/25 13:10	VN102725
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/27/25 13:10	VN102725
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/27/25 13:10	VN102725
78-93-3	2-Butanone	2.10	J	1	0.98	5.00	ug/L	10/27/25 13:10	VN102725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/27/25 13:10	VN102725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/27/25 13:10	VN102725
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/27/25 13:10	VN102725
67-66-3	Chloroform	4.00		1	0.25	1.00	ug/L	10/27/25 13:10	VN102725
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/27/25 13:10	VN102725
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/27/25 13:10	VN102725
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/27/25 13:10	VN102725
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/27/25 13:10	VN102725
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/27/25 13:10	VN102725
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/27/25 13:10	VN102725
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	10/27/25 13:10	VN102725
75-27-4	Bromodichloromethane	0.55	J	1	0.22	1.00	ug/L	10/27/25 13:10	VN102725
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:10	VN102725
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	10/27/25 13:10	VN102725
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/27/25 13:10	VN102725
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/27/25 13:10	VN102725
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/27/25 13:10	VN102725
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/27/25 13:10	VN102725
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/27/25 13:10	VN102725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/27/25 13:10	VN102725
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/27/25 13:10	VN102725
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	10/27/25 13:10	VN102725
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	10/27/25 13:10	VN102725
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	10/27/25 13:10	VN102725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/27/25 13:10	VN102725
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/27/25 13:10	VN102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	10/27/25 13:10	VN102725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/27/25 13:10	VN102725
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/27/25 13:10	VN102725
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	10/27/25 13:10	VN102725
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/27/25 13:10	VN102725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/27/25 13:10	VN102725
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/27/25 13:10	VN102725
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/27/25 13:10	VN102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	62.7			70 (74) - 130 (125)	125%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.8			70 (75) - 130 (124)	104%	SPK: 50		
2037-26-5	Toluene-d8	47.6			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.6			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	242000							
540-36-3	1,4-Difluorobenzene	543000							
3114-55-4	Chlorobenzene-d5	523000							
3855-82-1	1,4-Dichlorobenzene-d4	259000							
TENTATIVE IDENTIFIED COMPOUNDS									
74-88-4	Methyl Iodide	6.10	J			4.60	ug/L		
91-20-3	Naphthalene	4.30	J			15.6	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