

Report of Analysis

Client: G Environmental
Project: Buffington
Client Sample ID: VN1027WBS01
Lab Sample ID: VN1027WBS01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected:
Date Received:
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	20.8		1	0.22	1.00	ug/L	10/27/25 11:55	VN102725
74-87-3	Chloromethane	21.3		1	0.32	1.00	ug/L	10/27/25 11:55	VN102725
75-01-4	Vinyl Chloride	21.1		1	0.26	1.00	ug/L	10/27/25 11:55	VN102725
74-83-9	Bromomethane	20.3		1	1.40	5.00	ug/L	10/27/25 11:55	VN102725
75-00-3	Chloroethane	18.8		1	0.47	1.00	ug/L	10/27/25 11:55	VN102725
75-69-4	Trichlorofluoromethane	19.7		1	0.33	1.00	ug/L	10/27/25 11:55	VN102725
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		1	0.25	1.00	ug/L	10/27/25 11:55	VN102725
75-35-4	1,1-Dichloroethene	19.1		1	0.23	1.00	ug/L	10/27/25 11:55	VN102725
67-64-1	Acetone	100		1	1.50	5.00	ug/L	10/27/25 11:55	VN102725
75-15-0	Carbon Disulfide	19.9		1	0.21	1.00	ug/L	10/27/25 11:55	VN102725
1634-04-4	Methyl tert-butyl Ether	21.8		1	0.16	1.00	ug/L	10/27/25 11:55	VN102725
79-20-9	Methyl Acetate	22.6		1	0.27	1.00	ug/L	10/27/25 11:55	VN102725
75-09-2	Methylene Chloride	23.6		1	0.28	1.00	ug/L	10/27/25 11:55	VN102725
156-60-5	trans-1,2-Dichloroethene	20.2		1	0.23	1.00	ug/L	10/27/25 11:55	VN102725
75-34-3	1,1-Dichloroethane	22.2		1	0.23	1.00	ug/L	10/27/25 11:55	VN102725
110-82-7	Cyclohexane	21.0		1	1.50	5.00	ug/L	10/27/25 11:55	VN102725
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	10/27/25 11:55	VN102725
56-23-5	Carbon Tetrachloride	22.2		1	0.25	1.00	ug/L	10/27/25 11:55	VN102725
156-59-2	cis-1,2-Dichloroethene	21.2		1	0.19	1.00	ug/L	10/27/25 11:55	VN102725
74-97-5	Bromochloromethane	25.0		1	0.22	1.00	ug/L	10/27/25 11:55	VN102725
67-66-3	Chloroform	22.7		1	0.25	1.00	ug/L	10/27/25 11:55	VN102725
71-55-6	1,1,1-Trichloroethane	21.8		1	0.20	1.00	ug/L	10/27/25 11:55	VN102725
108-87-2	Methylcyclohexane	19.8		1	0.16	1.00	ug/L	10/27/25 11:55	VN102725
71-43-2	Benzene	21.8		1	0.15	1.00	ug/L	10/27/25 11:55	VN102725
107-06-2	1,2-Dichloroethane	24.4		1	0.22	1.00	ug/L	10/27/25 11:55	VN102725
79-01-6	Trichloroethene	21.1		1	0.090	1.00	ug/L	10/27/25 11:55	VN102725
78-87-5	1,2-Dichloropropane	21.9		1	0.20	1.00	ug/L	10/27/25 11:55	VN102725
74-95-3	Dibromomethane	22.3		1	0.25	1.00	ug/L	10/27/25 11:55	VN102725
75-27-4	Bromodichloromethane	22.8		1	0.22	1.00	ug/L	10/27/25 11:55	VN102725
108-10-1	4-Methyl-2-Pentanone	120		1	0.68	5.00	ug/L	10/27/25 11:55	VN102725
108-88-3	Toluene	21.5		1	0.14	1.00	ug/L	10/27/25 11:55	VN102725
10061-02-6	t-1,3-Dichloropropene	21.9		1	0.17	1.00	ug/L	10/27/25 11:55	VN102725
10061-01-5	cis-1,3-Dichloropropene	22.3		1	0.16	1.00	ug/L	10/27/25 11:55	VN102725
79-00-5	1,1,2-Trichloroethane	22.1		1	0.21	1.00	ug/L	10/27/25 11:55	VN102725
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	10/27/25 11:55	VN102725
106-93-4	1,2-Dibromoethane	22.1		1	0.15	1.00	ug/L	10/27/25 11:55	VN102725
127-18-4	Tetrachloroethene	20.9		1	0.23	1.00	ug/L	10/27/25 11:55	VN102725
108-90-7	Chlorobenzene	21.3		1	0.12	1.00	ug/L	10/27/25 11:55	VN102725
100-41-4	Ethyl Benzene	20.9		1	0.13	1.00	ug/L	10/27/25 11:55	VN102725
179601-23-1	m/p-Xylenes	42.1		1	0.24	2.00	ug/L	10/27/25 11:55	VN102725
95-47-6	o-Xylene	21.2		1	0.12	1.00	ug/L	10/27/25 11:55	VN102725
100-42-5	Styrene	21.9		1	0.15	1.00	ug/L	10/27/25 11:55	VN102725
75-25-2	Bromoform	21.8		1	0.19	1.00	ug/L	10/27/25 11:55	VN102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.1		1	0.12	1.00	ug/L	10/27/25 11:55	VN102725
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1	0.26	1.00	ug/L	10/27/25 11:55	VN102725
541-73-1	1,3-Dichlorobenzene	20.8		1	0.16	1.00	ug/L	10/27/25 11:55	VN102725
106-46-7	1,4-Dichlorobenzene	20.1		1	0.19	1.00	ug/L	10/27/25 11:55	VN102725
95-50-1	1,2-Dichlorobenzene	20.7		1	0.16	1.00	ug/L	10/27/25 11:55	VN102725
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1	0.53	1.00	ug/L	10/27/25 11:55	VN102725
120-82-1	1,2,4-Trichlorobenzene	20.7		1	0.20	1.00	ug/L	10/27/25 11:55	VN102725
87-61-6	1,2,3-Trichlorobenzene	20.5		1	0.20	1.00	ug/L	10/27/25 11:55	VN102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.2			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.2			70 (75) - 130 (124)	106%	SPK: 50		
2037-26-5	Toluene-d8	51.1			70 (86) - 130 (113)	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.6			70 (77) - 130 (121)	105%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	301000							
540-36-3	1,4-Difluorobenzene	564000							
3114-55-4	Chlorobenzene-d5	505000							
3855-82-1	1,4-Dichlorobenzene-d4	257000							

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