

Report of Analysis

Client: G Environmental
Project: Willow
Client Sample ID: TWP2
Lab Sample ID: Q3426-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/21/25
Date Received: 10/22/25
SDG No.: Q3426
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 17:39	VN102725
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/27/25 17:39	VN102725
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/27/25 17:39	VN102725
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/27/25 17:39	VN102725
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/27/25 17:39	VN102725
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/27/25 17:39	VN102725
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/27/25 17:39	VN102725
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	10/27/25 17:39	VN102725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/27/25 17:39	VN102725
67-64-1	Acetone	27.7		1	1.50	5.00	ug/L	10/27/25 17:39	VN102725
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/27/25 17:39	VN102725
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	10/27/25 17:39	VN102725
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/27/25 17:39	VN102725
75-09-2	Methylene Chloride	0.28	UQ	1	0.28	1.00	ug/L	10/27/25 17:39	VN102725
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/27/25 17:39	VN102725
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/27/25 17:39	VN102725
110-82-7	Cyclohexane	150	E	1	1.50	5.00	ug/L	10/27/25 17:39	VN102725
78-93-3	2-Butanone	10.5		1	0.98	5.00	ug/L	10/27/25 17:39	VN102725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/27/25 17:39	VN102725
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/27/25 17:39	VN102725
74-97-5	Bromochloromethane	0.22	UQ	1	0.22	1.00	ug/L	10/27/25 17:39	VN102725
67-66-3	Chloroform	0.25	UQ	1	0.25	1.00	ug/L	10/27/25 17:39	VN102725
71-55-6	1,1,1-Trichloroethane	0.20	UQ	1	0.20	1.00	ug/L	10/27/25 17:39	VN102725
108-87-2	Methylcyclohexane	150	E	1	0.16	1.00	ug/L	10/27/25 17:39	VN102725
71-43-2	Benzene	150		1	0.15	1.00	ug/L	10/27/25 17:39	VN102725
107-06-2	1,2-Dichloroethane	0.22	UQ	1	0.22	1.00	ug/L	10/27/25 17:39	VN102725
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/27/25 17:39	VN102725
78-87-5	1,2-Dichloropropane	0.20	UQ	1	0.20	1.00	ug/L	10/27/25 17:39	VN102725
75-27-4	Bromodichloromethane	0.22	UQ	1	0.22	1.00	ug/L	10/27/25 17:39	VN102725
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	1	0.68	5.00	ug/L	10/27/25 17:39	VN102725
108-88-3	Toluene	38.6		1	0.14	1.00	ug/L	10/27/25 17:39	VN102725
10061-02-6	t-1,3-Dichloropropene	0.17	UQ	1	0.17	1.00	ug/L	10/27/25 17:39	VN102725
10061-01-5	cis-1,3-Dichloropropene	0.16	UQ	1	0.16	1.00	ug/L	10/27/25 17:39	VN102725
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/27/25 17:39	VN102725
591-78-6	2-Hexanone	0.89	UQ	1	0.89	5.00	ug/L	10/27/25 17:39	VN102725
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/27/25 17:39	VN102725
106-93-4	1,2-Dibromoethane	0.15	UQ	1	0.15	1.00	ug/L	10/27/25 17:39	VN102725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/27/25 17:39	VN102725
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/27/25 17:39	VN102725
100-41-4	Ethyl Benzene	140		1	0.13	1.00	ug/L	10/27/25 17:39	VN102725
179601-23-1	m/p-Xylenes	560	E	1	0.24	2.00	ug/L	10/27/25 17:39	VN102725
95-47-6	o-Xylene	100		1	0.12	1.00	ug/L	10/27/25 17:39	VN102725
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/27/25 17:39	VN102725

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% Solid: 0
Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	0.19	UQ	1	0.19	1.00	ug/L	10/27/25 17:39	VN102725
98-82-8	Isopropylbenzene	8.90		1	0.12	1.00	ug/L	10/27/25 17:39	VN102725
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/27/25 17:39	VN102725
95-63-6	1,2,4-Trimethylbenzene	220	E	1	0.14	1.00	ug/L	10/27/25 17:39	VN102725
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/27/25 17:39	VN102725
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	10/27/25 17:39	VN102725
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/27/25 17:39	VN102725
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	UQ	1	0.53	1.00	ug/L	10/27/25 17:39	VN102725
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/27/25 17:39	VN102725
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/27/25 17:39	VN102725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.6			74 - 125	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.5			75 - 124	99%	SPK: 50		
2037-26-5	Toluene-d8	49.2			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.9	*		77 - 121	124%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	271000							
540-36-3	1,4-Difluorobenzene	619000							
3114-55-4	Chlorobenzene-d5	605000							
3855-82-1	1,4-Dichlorobenzene-d4	319000							
TENTATIVE IDENTIFIED COMPOUNDS									
103-65-1	n-propylbenzene	15.4	J			13.0	ug/L		
000620-14-4	Benzene, 1-ethyl-3-methyl-	120	J			13.1	ug/L		
108-67-8	1,3,5-Trimethylbenzene	110	J			13.1	ug/L		
000611-14-3	Benzene, 1-ethyl-2-methyl-	130	J			13.3	ug/L		
135-98-8	sec-Butylbenzene	3.60	J			13.6	ug/L		
99-87-6	p-Isopropyltoluene	4.70	J			13.7	ug/L		
000496-11-7	Indane	100	J			14.0	ug/L		
104-51-8	n-Butylbenzene	5.30	J			14.0	ug/L		
000493-01-6	Naphthalene, decahydro-, cis-	120	J			14.1	ug/L		
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	67.9	J			14.6	ug/L		
002958-76-1	Naphthalene, decahydro-2-methyl-	140	J			14.6	ug/L		
002958-75-0	1-Methyldecahydronaphthalene	72.8	J			14.8	ug/L		
002234-20-0	2,4-Dimethylstyrene	160	J			15.0	ug/L		
053172-84-2	Benzene, (1-methyl-1-butenyl)-	84.2	J			15.4	ug/L		
91-20-3	Naphthalene	56.5	J			15.6	ug/L		
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	99.3	J			15.9	ug/L		
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	64.7	J			16.7	ug/L		

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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