

Report of Analysis

Client: G Environmental
Project: Willow
Client Sample ID: TWP3
Lab Sample ID: Q3426-02
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	2.20	U	10	2.20	10.0	ug/L	10/27/25 16:37	VN102725
74-87-3	Chloromethane	3.20	U	10	3.20	10.0	ug/L	10/27/25 16:37	VN102725
75-01-4	Vinyl Chloride	2.60	U	10	2.60	10.0	ug/L	10/27/25 16:37	VN102725
74-83-9	Bromomethane	14.4	U	10	14.4	50.0	ug/L	10/27/25 16:37	VN102725
75-00-3	Chloroethane	4.70	U	10	4.70	10.0	ug/L	10/27/25 16:37	VN102725
75-69-4	Trichlorofluoromethane	3.30	U	10	3.30	10.0	ug/L	10/27/25 16:37	VN102725
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	10	2.50	10.0	ug/L	10/27/25 16:37	VN102725
75-65-0	Tert butyl alcohol	55.1	U	10	55.1	250	ug/L	10/27/25 16:37	VN102725
75-35-4	1,1-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	10/27/25 16:37	VN102725
67-64-1	Acetone	49.6	J	10	15.1	50.0	ug/L	10/27/25 16:37	VN102725
75-15-0	Carbon Disulfide	2.10	U	10	2.10	10.0	ug/L	10/27/25 16:37	VN102725
1634-04-4	Methyl tert-butyl Ether	1.60	U	10	1.60	10.0	ug/L	10/27/25 16:37	VN102725
79-20-9	Methyl Acetate	2.70	U	10	2.70	10.0	ug/L	10/27/25 16:37	VN102725
75-09-2	Methylene Chloride	2.80	UQ	10	2.80	10.0	ug/L	10/27/25 16:37	VN102725
156-60-5	trans-1,2-Dichloroethene	2.30	U	10	2.30	10.0	ug/L	10/27/25 16:37	VN102725
75-34-3	1,1-Dichloroethane	2.30	U	10	2.30	10.0	ug/L	10/27/25 16:37	VN102725
110-82-7	Cyclohexane	170		10	14.5	50.0	ug/L	10/27/25 16:37	VN102725
78-93-3	2-Butanone	9.80	U	10	9.80	50.0	ug/L	10/27/25 16:37	VN102725
56-23-5	Carbon Tetrachloride	2.50	U	10	2.50	10.0	ug/L	10/27/25 16:37	VN102725
156-59-2	cis-1,2-Dichloroethene	1.90	U	10	1.90	10.0	ug/L	10/27/25 16:37	VN102725
74-97-5	Bromochloromethane	2.20	UQ	10	2.20	10.0	ug/L	10/27/25 16:37	VN102725
67-66-3	Chloroform	2.50	UQ	10	2.50	10.0	ug/L	10/27/25 16:37	VN102725
71-55-6	1,1,1-Trichloroethane	2.00	UQ	10	2.00	10.0	ug/L	10/27/25 16:37	VN102725
108-87-2	Methylcyclohexane	99.5		10	1.60	10.0	ug/L	10/27/25 16:37	VN102725
71-43-2	Benzene	610		10	1.50	10.0	ug/L	10/27/25 16:37	VN102725
107-06-2	1,2-Dichloroethane	2.20	UQ	10	2.20	10.0	ug/L	10/27/25 16:37	VN102725
79-01-6	Trichloroethene	0.93	U	10	0.93	10.0	ug/L	10/27/25 16:37	VN102725
78-87-5	1,2-Dichloropropane	2.00	UQ	10	2.00	10.0	ug/L	10/27/25 16:37	VN102725
75-27-4	Bromodichloromethane	2.20	UQ	10	2.20	10.0	ug/L	10/27/25 16:37	VN102725
108-10-1	4-Methyl-2-Pentanone	6.80	UQ	10	6.80	50.0	ug/L	10/27/25 16:37	VN102725
108-88-3	Toluene	34.1		10	1.40	10.0	ug/L	10/27/25 16:37	VN102725
10061-02-6	t-1,3-Dichloropropene	1.70	UQ	10	1.70	10.0	ug/L	10/27/25 16:37	VN102725
10061-01-5	cis-1,3-Dichloropropene	1.60	UQ	10	1.60	10.0	ug/L	10/27/25 16:37	VN102725
79-00-5	1,1,2-Trichloroethane	2.10	U	10	2.10	10.0	ug/L	10/27/25 16:37	VN102725
591-78-6	2-Hexanone	8.90	UQ	10	8.90	50.0	ug/L	10/27/25 16:37	VN102725
124-48-1	Dibromochloromethane	1.80	U	10	1.80	10.0	ug/L	10/27/25 16:37	VN102725
106-93-4	1,2-Dibromoethane	1.50	UQ	10	1.50	10.0	ug/L	10/27/25 16:37	VN102725
127-18-4	Tetrachloroethene	2.30	U	10	2.30	10.0	ug/L	10/27/25 16:37	VN102725
108-90-7	Chlorobenzene	1.20	U	10	1.20	10.0	ug/L	10/27/25 16:37	VN102725
100-41-4	Ethyl Benzene	120		10	1.30	10.0	ug/L	10/27/25 16:37	VN102725
179601-23-1	m/p-Xylenes	410		10	2.40	20.0	ug/L	10/27/25 16:37	VN102725
95-47-6	o-Xylene	17.7		10	1.20	10.0	ug/L	10/27/25 16:37	VN102725
100-42-5	Styrene	1.50	U	10	1.50	10.0	ug/L	10/27/25 16:37	VN102725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	1.90	UQ	10	1.90	10.0	ug/L	10/27/25 16:37	VN102725
98-82-8	Isopropylbenzene	29.2		10	1.20	10.0	ug/L	10/27/25 16:37	VN102725
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	10	2.60	10.0	ug/L	10/27/25 16:37	VN102725
95-63-6	1,2,4-Trimethylbenzene	230		10	1.40	10.0	ug/L	10/27/25 16:37	VN102725
541-73-1	1,3-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	10/27/25 16:37	VN102725
106-46-7	1,4-Dichlorobenzene	1.90	U	10	1.90	10.0	ug/L	10/27/25 16:37	VN102725
95-50-1	1,2-Dichlorobenzene	1.60	U	10	1.60	10.0	ug/L	10/27/25 16:37	VN102725
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	UQ	10	5.30	10.0	ug/L	10/27/25 16:37	VN102725
120-82-1	1,2,4-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	10/27/25 16:37	VN102725
87-61-6	1,2,3-Trichlorobenzene	2.00	U	10	2.00	10.0	ug/L	10/27/25 16:37	VN102725

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	44.4		86 - 113	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		77 - 121	98%	SPK: 50

INTERNAL STANDARDS

Area Count

363-72-4	Pentafluorobenzene	224000
540-36-3	1,4-Difluorobenzene	501000
3114-55-4	Chlorobenzene-d5	474000
3855-82-1	1,4-Dichlorobenzene-d4	239000

TENTATIVE IDENTIFIED COMPOUNDS

002402-06-4	Cyclopropane, 1,2-dimethyl-, trans	50.9	J		4.15	ug/L
001120-62-3	Cyclopentene, 3-methyl-	67.7	J		7.99	ug/L
103-65-1	n-propylbenzene	62.9	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	130	J		13.1	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	120	J		13.3	ug/L
135-98-8	sec-Butylbenzene	7.50	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	6.40	J		13.7	ug/L
000496-11-7	Indane	310	J		14.0	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	52.1	J		14.3	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	74.8	J		14.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	180	J		15.0	ug/L
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	84.8	J		15.2	ug/L
91-20-3	Naphthalene	170	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