

Report of Analysis

Client: G Environmental
Project: ANN
Client Sample ID: MW5
Lab Sample ID: Q3738-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3738
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	12/01/25 15:35	VN120125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	12/01/25 15:35	VN120125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/01/25 15:35	VN120125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	12/01/25 15:35	VN120125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	12/01/25 15:35	VN120125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	12/01/25 15:35	VN120125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:35	VN120125
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	12/01/25 15:35	VN120125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	12/01/25 15:35	VN120125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	12/01/25 15:35	VN120125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	12/01/25 15:35	VN120125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	12/01/25 15:35	VN120125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
110-82-7	Cyclohexane	100		1	1.50	5.00	ug/L	12/01/25 15:35	VN120125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	12/01/25 15:35	VN120125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:35	VN120125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:35	VN120125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	12/01/25 15:35	VN120125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
108-87-2	Methylcyclohexane	110		1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
71-43-2	Benzene	37.5		1	0.15	1.00	ug/L	12/01/25 15:35	VN120125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/01/25 15:35	VN120125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	12/01/25 15:35	VN120125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	12/01/25 15:35	VN120125
108-88-3	Toluene	4.10		1	0.14	1.00	ug/L	12/01/25 15:35	VN120125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	12/01/25 15:35	VN120125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/01/25 15:35	VN120125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	12/01/25 15:35	VN120125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	12/01/25 15:35	VN120125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:35	VN120125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/01/25 15:35	VN120125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	12/01/25 15:35	VN120125
100-41-4	Ethyl Benzene	4.00		1	0.13	1.00	ug/L	12/01/25 15:35	VN120125
179601-23-1	m/p-Xylenes	5.60		1	0.24	2.00	ug/L	12/01/25 15:35	VN120125
95-47-6	o-Xylene	1.70		1	0.12	1.00	ug/L	12/01/25 15:35	VN120125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	12/01/25 15:35	VN120125

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Matrix: Water
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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:35	VN120125
98-82-8	Isopropylbenzene	28.4		1	0.12	1.00	ug/L	12/01/25 15:35	VN120125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	12/01/25 15:35	VN120125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	12/01/25 15:35	VN120125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	12/01/25 15:35	VN120125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	12/01/25 15:35	VN120125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	12/01/25 15:35	VN120125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.9			70 (74) - 130 (125)	118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6			70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	51.3			70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.6			70 (77) - 130 (121)	113%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	218000
540-36-3	1,4-Difluorobenzene	497000
3114-55-4	Chlorobenzene-d5	489000
3855-82-1	1,4-Dichlorobenzene-d4	247000

TENTATIVE IDENTIFIED COMPOUNDS

000107-83-5	Pentane, 2-methyl-	46.8	J		5.34	ug/L
000096-14-0	Pentane, 3-methyl-	26.5	J		5.81	ug/L
000096-37-7	Cyclopentane, methyl-	60.7	J		7.31	ug/L
103-65-1	n-propylbenzene	55.7	J		13.0	ug/L
98-06-6	tert-Butylbenzene	1.10	J		13.4	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.60	J		13.5	ug/L
135-98-8	sec-Butylbenzene	7.10	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	0.77	J		13.7	ug/L
000105-05-5	Benzene, 1,4-diethyl-	27.9	J		13.9	ug/L
104-51-8	n-Butylbenzene	8.40	J		14.0	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	80.3	J		14.3	ug/L
076089-59-3	1,3-Cyclopentadiene, 1,2,3,4-tetra	57.3	J		14.6	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	46.1	J		14.9	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	140	J		15.0	ug/L
053172-84-2	Benzene, (1-methyl-1-butenyl)-	41.1	J		15.3	ug/L
097664-18-1	Benzene, 1-methyl-4-(1-methyl-2-propenyl)-	37.2	J		15.4	ug/L
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	25.2	J		16.5	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