284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	06/23/25
Project:	Laurel			Date Received:	06/23/25
Client Sample ID:	MW2			SDG No.:	Q2401
Lab Sample ID:	Q2401-01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.84	J	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.98	J	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Project:	Laurel		Date Received:	06/23/25	
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Lab Sample ID:	Q2401-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
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VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.20		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	1.60	J	0.24	2.00	ug/L
95-47-6	o-Xylene	1.40		0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.7		70 (74) - 130 (125)	119%	SPK: 50
1868-53-7	Dibromofluoromethane	43.0		70 (75) - 130 (124)	86%	SPK: 50
2037-26-5	Toluene-d8	44.0		70 (86) - 130 (113)	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		70 (77) - 130 (121)	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	142000	8.23			
540-36-3	1,4-Difluorobenzene	317000	9.106			
3114-55-4	Chlorobenzene-d5	254000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						
000096-14-0	Pentane, 3-methyl-	25.0	J		5.84	ug/L
000096-37-7	Cyclopentane, methyl-	20.2	J		7.34	ug/L
110-82-7	Cyclohexane	9.20	J		8.26	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	14.9	J		8.34	ug/L
108-87-2	Methylcyclohexane	6.90	J		9.60	ug/L
98-82-8	Isopropylbenzene	8.70	J		12.7	ug/L
103-65-1	n-propylbenzene	30.2	J		13.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	30.8	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	43.2	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	120	J		13.5	ug/L
135-98-8	sec-Butylbenzene	3.80	J		13.6	ug/L
99-87-6	p-Isopropyltoluene	1.50	J		13.7	ug/L
000105-05-5	Benzene, 1,4-diethyl-	22.0	J		13.9	ug/L
104-51-8	n-Butylbenzene	5.70	J		14.1	ug/L

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VN087213.D	1		06/27/25 12:08	VN062725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	17.7	J		14.2	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	52.0	J		14.3	ug/L
000767-58-8	Indan, 1-methyl-	34.5	J		14.4	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	35.0	J		14.6	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	18.4	J		14.7	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	22.6	J		14.9	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	50.8	J		15.0	ug/L
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	23.2	J		15.3	ug/L
097664-18-1	Benzene, 1-methyl-4-(1-methyl-2-pr	16.6	J		15.4	ug/L
91-20-3	Naphthalene	2.50	J		15.6	ug/L
000091-57-6	Naphthalene, 2-methyl-	17.0	J		16.8	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