

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046876.D	10	07/03/25 11:04	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	55.1	U	55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	52.2		15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	14.5	U	14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	4.80	J	1.60	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

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108-88-3	Toluene	1.40	U	1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	16.1		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	37.8		2.40	20.0	ug/L
95-47-6	o-Xylene	1.20	U	1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	99.1		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	527000	5.562			
540-36-3	1,4-Difluorobenzene	896000	6.769			
3114-55-4	Chlorobenzene-d5	819000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	402000	12.018			



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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