

Report of Analysis

Client:	M2 Associates	Date Collected:	11/07/24
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	11/07/24
Client Sample ID:	MW-1	SDG No.:	P4770
Lab Sample ID:	P4770-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN084983.D	500		11/20/24 20:58	VN112024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/L
74-87-3	Chloromethane	180	U	180	500	ug/L
75-01-4	Vinyl Chloride	170	U	170	500	ug/L
74-83-9	Bromomethane	680	U	680	2500	ug/L
75-00-3	Chloroethane	280	U	280	500	ug/L
75-69-4	Trichlorofluoromethane	170	U	170	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	130	U	130	500	ug/L
75-65-0	Tert butyl alcohol	2800	U	2800	12500	ug/L
75-35-4	1,1-Dichloroethene	130	U	130	500	ug/L
67-64-1	Acetone	700	U	700	2500	ug/L
75-15-0	Carbon Disulfide	160	U	160	500	ug/L
1634-04-4	Methyl tert-butyl Ether	80.0	U	80.0	500	ug/L
79-20-9	Methyl Acetate	300	U	300	500	ug/L
75-09-2	Methylene Chloride	160	U	160	500	ug/L
156-60-5	trans-1,2-Dichloroethene	130	U	130	500	ug/L
75-34-3	1,1-Dichloroethane	120	U	120	500	ug/L
110-82-7	Cyclohexane	810	U	810	2500	ug/L
78-93-3	2-Butanone	650	U	650	2500	ug/L
56-23-5	Carbon Tetrachloride	130	U	130	500	ug/L
156-59-2	cis-1,2-Dichloroethene	130	U	130	500	ug/L
74-97-5	Bromochloromethane	90.0	U	90.0	500	ug/L
67-66-3	Chloroform	130	U	130	500	ug/L
71-55-6	1,1,1-Trichloroethane	95.0	U	95.0	500	ug/L
108-87-2	Methylcyclohexane	150	J	95.0	500	ug/L
71-43-2	Benzene	390	J	80.0	500	ug/L
107-06-2	1,2-Dichloroethane	120	U	120	500	ug/L
79-01-6	Trichloroethene	160	U	160	500	ug/L
78-87-5	1,2-Dichloropropane	95.0	U	95.0	500	ug/L
75-27-4	Bromodichloromethane	120	U	120	500	ug/L
108-10-1	4-Methyl-2-Pentanone	380	U	380	2500	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	10200		90.0	500	ug/L
10061-02-6	t-1,3-Dichloropropene	110	U	110	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	90.0	U	90.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	110	U	110	500	ug/L
591-78-6	2-Hexanone	570	U	570	2500	ug/L
124-48-1	Dibromochloromethane	90.0	U	90.0	500	ug/L
106-93-4	1,2-Dibromoethane	80.0	U	80.0	500	ug/L
127-18-4	Tetrachloroethene	130	U	130	500	ug/L
108-90-7	Chlorobenzene	65.0	U	65.0	500	ug/L
100-41-4	Ethyl Benzene	3700		80.0	500	ug/L
179601-23-1	m/p-Xylenes	17500		160	1000	ug/L
95-47-6	o-Xylene	8300		70.0	500	ug/L
100-42-5	Styrene	80.0	U	80.0	500	ug/L
75-25-2	Bromoform	110	U	110	500	ug/L
98-82-8	Isopropylbenzene	1300		65.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	140	U	140	500	ug/L
541-73-1	1,3-Dichlorobenzene	240	J	120	500	ug/L
106-46-7	1,4-Dichlorobenzene	140	U	140	500	ug/L
95-50-1	1,2-Dichlorobenzene	230	J	95.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	230	U	230	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	400	J	210	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	420	J	260	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	46.3		70 (86) - 130 (113)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	152000	8.224			
540-36-3	1,4-Difluorobenzene	277000	9.1			
3114-55-4	Chlorobenzene-d5	242000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.788			

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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