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

Report of Analysis

Client:	AECOM Technical Services, Inc.	Date Collected:	09/09/25
Project:	NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258	Date Received:	09/12/25
Client Sample ID:	MW203D2-20250909MS	SDG No.:	Q3095
Lab Sample ID:	Q3095-06MS	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:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047627.D	1	09/17/25 18:19	VX091725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	44.7		0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	48.5		0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	49.5		0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	51.0		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	50.4		0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	47.9		0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	48.2		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	51.2		0.23	0.75	1.00	ug/L
67-64-1	Acetone	240		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	46.5		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	55.4		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	63.6		0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	52.6		0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	51.7		0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	59.3		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	46.8		1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	290		0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	46.9		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	55.6		0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	55.1		0.22	0.50	1.00	ug/L
67-66-3	Chloroform	54.4		0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.0		0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	44.6		0.16	0.50	1.00	ug/L
71-43-2	Benzene	50.3		0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	51.4		0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	51.9		0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	51.9		0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	51.7		0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	300		0.68	2.50	5.00	ug/L
108-88-3	Toluene	50.4		0.14	0.50	1.00	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	50.4		0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	50.1		0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	53.2		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	290		0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	53.2		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	54.5		0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	47.5		0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	50.8		0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	50.4		0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	100		0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	51.7		0.12	0.50	1.00	ug/L
100-42-5	Styrene	51.7		0.15	0.50	1.00	ug/L
75-25-2	Bromoform	54.4		0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	50.1		0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	56.3		0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	50.7		0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	49.6		0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	51.2		0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	56.7		0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	50.1		0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	50.8		0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.0		81 - 118		104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.6		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	160000	5.544				
540-36-3	1,4-Difluorobenzene	295000	6.745				
3114-55-4	Chlorobenzene-d5	262000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	125000	12.006				

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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