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:	MW305D-20250909DL	SDG No.:	Q3095
Lab Sample ID:	Q3095-16DL	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
VX047639.D	20	09/18/25 14:40	VX091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.0	UD	4.40	10.0	20.0	ug/L
74-87-3	Chloromethane	10.0	UD	6.40	10.0	20.0	ug/L
75-01-4	Vinyl Chloride	15.0	UD	5.20	15.0	20.0	ug/L
74-83-9	Bromomethane	75.0	UD	28.8	75.0	100	ug/L
75-00-3	Chloroethane	15.0	UD	9.40	15.0	20.0	ug/L
75-69-4	Trichlorofluoromethane	10.0	UD	6.60	10.0	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	10.0	UD	5.00	10.0	20.0	ug/L
75-35-4	1,1-Dichloroethene	15.0	UD	4.60	15.0	20.0	ug/L
67-64-1	Acetone	75.0	UD	30.2	75.0	100	ug/L
75-15-0	Carbon Disulfide	15.0	UD	4.20	15.0	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	10.0	UD	3.20	10.0	20.0	ug/L
79-20-9	Methyl Acetate	15.0	UD	5.40	15.0	20.0	ug/L
75-09-2	Methylene Chloride	10.0	UD	5.60	10.0	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	10.0	UD	4.60	10.0	20.0	ug/L
75-34-3	1,1-Dichloroethane	10.0	UD	4.60	10.0	20.0	ug/L
110-82-7	Cyclohexane	50.0	UD	29.0	50.0	100	ug/L
78-93-3	2-Butanone	50.0	UD	19.6	50.0	100	ug/L
56-23-5	Carbon Tetrachloride	10.0	UD	5.00	10.0	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	15.0	UD	3.80	15.0	20.0	ug/L
74-97-5	Bromochloromethane	10.0	UDQ	4.40	10.0	20.0	ug/L
67-66-3	Chloroform	10.0	UD	5.00	10.0	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	10.0	UD	4.00	10.0	20.0	ug/L
108-87-2	Methylcyclohexane	10.0	UD	3.20	10.0	20.0	ug/L
71-43-2	Benzene	10.0	UD	3.00	10.0	20.0	ug/L
107-06-2	1,2-Dichloroethane	10.0	UD	4.40	10.0	20.0	ug/L
79-01-6	Trichloroethene	1000	D	1.90	15.0	20.0	ug/L
78-87-5	1,2-Dichloropropane	10.0	UD	4.00	10.0	20.0	ug/L
75-27-4	Bromodichloromethane	10.0	UD	4.40	10.0	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	50.0	UD	13.6	50.0	100	ug/L
108-88-3	Toluene	10.0	UD	2.80	10.0	20.0	ug/L

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VX047639.D	20	09/18/25 14:40	VX091825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	10.0	UD	3.40	10.0	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	10.0	UD	3.20	10.0	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	10.0	UD	4.20	10.0	20.0	ug/L
591-78-6	2-Hexanone	50.0	UD	17.8	50.0	100	ug/L
124-48-1	Dibromochloromethane	10.0	UD	3.60	10.0	20.0	ug/L
106-93-4	1,2-Dibromoethane	10.0	UD	3.00	10.0	20.0	ug/L
127-18-4	Tetrachloroethene	10.0	UD	4.60	10.0	20.0	ug/L
108-90-7	Chlorobenzene	10.0	UD	2.40	10.0	20.0	ug/L
100-41-4	Ethyl Benzene	10.0	UD	2.60	10.0	20.0	ug/L
179601-23-1	m/p-Xylenes	20.0	UD	4.80	20.0	40.0	ug/L
95-47-6	o-Xylene	10.0	UD	2.40	10.0	20.0	ug/L
100-42-5	Styrene	10.0	UD	3.00	10.0	20.0	ug/L
75-25-2	Bromoform	10.0	UD	3.80	10.0	20.0	ug/L
98-82-8	Isopropylbenzene	10.0	UD	2.40	10.0	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	10.0	UD	5.20	10.0	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	10.0	UD	3.20	10.0	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	10.0	UD	3.80	10.0	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	10.0	UD	3.20	10.0	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.0	UD	10.6	15.0	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	10.0	UD	4.00	10.0	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	15.0	UD	4.00	15.0	20.0	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		80 - 119		96%	SPK: 50
2037-26-5	Toluene-d8	48.5		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.0		85 - 114		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	192000	5.544				
540-36-3	1,4-Difluorobenzene	355000	6.751				
3114-55-4	Chlorobenzene-d5	320000	10.037				
3855-82-1	1,4-Dichlorobenzene-d4	157000	12.006				

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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