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

Report of Analysis

Client:	EA Engineering Science & Technology	Date Collected:	11/13/24
Project:	Scotia, NY - Annual Testing	Date Received:	11/14/24
Client Sample ID:	FSND-MW-EVAL-04D-20241113MSD	SDG No.:	P4846
Lab Sample ID:	P4846-07MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX043997.D	1		11/25/24 19:17	VX112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	45.4		0.21	0.50	1.00	ug/L
74-87-3	Chloromethane	49.5		0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	48.7		0.34	0.75	1.00	ug/L
74-83-9	Bromomethane	56.3		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	47.0		0.56	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	53.0		0.34	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	48.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	50.2		0.26	0.75	1.00	ug/L
67-64-1	Acetone	200		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	46.9		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	54.2		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	49.3		0.60	0.75	1.00	ug/L
75-09-2	Methylene Chloride	52.3		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	52.6		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	53.8		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	48.3		1.60	2.50	5.00	ug/L
78-93-3	2-Butanone	240		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	48.9		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	51.9		0.25	0.75	1.00	ug/L
74-97-5	Bromochloromethane	51.3		0.18	0.50	1.00	ug/L
67-66-3	Chloroform	52.9		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.3		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	44.9		0.19	0.50	1.00	ug/L
71-43-2	Benzene	50.6		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	51.3		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	93.1		0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	52.1		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	52.7		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	260		0.75	2.50	5.00	ug/L
108-88-3	Toluene	53.5		0.18	0.50	1.00	ug/L

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VX043997.D	1		11/25/24 19:17	VX112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	53.4		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	52.3		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	54.3		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	260		1.10	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	55.1		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	53.6		0.16	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	46.9		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	48.9		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	50.2		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	100		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	50.4		0.14	0.50	1.00	ug/L
100-42-5	Styrene	51.8		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	46.7		0.21	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	49.7		0.13	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	51.3		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	49.1		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	48.9		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	50.1		0.19	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	50.1		0.46	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	48.3		0.42	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	50.7		0.51	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.7		81 - 118		111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		80 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	54.0		89 - 112		108%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.8		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	119000	5.55				
540-36-3	1,4-Difluorobenzene	218000	6.757				
3114-55-4	Chlorobenzene-d5	195000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	91400	12.024				

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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