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-20241113MS	SDG No.:	P4846
Lab Sample ID:	P4846-06MS	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
VX043996.D	1		11/25/24 18:54	VX112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	46.9		0.21	0.50	1.00	ug/L
74-87-3	Chloromethane	48.2		0.35	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	48.8		0.34	0.75	1.00	ug/L
74-83-9	Bromomethane	50.5		1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	47.3		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	47.8		0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	48.3		0.26	0.75	1.00	ug/L
67-64-1	Acetone	190		1.40	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	42.9		0.32	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	50.6		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	47.0		0.60	0.75	1.00	ug/L
75-09-2	Methylene Chloride	48.6		0.32	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	50.4		0.25	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	51.3		0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	47.6		1.60	2.50	5.00	ug/L
78-93-3	2-Butanone	220		1.30	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	48.7		0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	51.1		0.25	0.75	1.00	ug/L
74-97-5	Bromochloromethane	45.5		0.18	0.50	1.00	ug/L
67-66-3	Chloroform	52.2		0.26	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.1		0.19	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	46.0		0.19	0.50	1.00	ug/L
71-43-2	Benzene	49.4		0.16	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	49.2		0.24	0.50	1.00	ug/L
79-01-6	Trichloroethene	100		0.32	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	50.3		0.19	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	50.1		0.24	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	240		0.75	2.50	5.00	ug/L
108-88-3	Toluene	50.3		0.18	0.50	1.00	ug/L

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VX043996.D	1		11/25/24 18:54	VX112524

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	48.0		0.21	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	48.4		0.18	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	49.8		0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	240		1.10	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	49.7		0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	50.1		0.16	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	47.0		0.25	0.50	1.00	ug/L
108-90-7	Chlorobenzene	48.0		0.13	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	49.3		0.16	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	98.9		0.31	1.00	2.00	ug/L
95-47-6	o-Xylene	49.7		0.14	0.50	1.00	ug/L
100-42-5	Styrene	50.9		0.16	0.50	1.00	ug/L
75-25-2	Bromoform	44.1		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	50.8		0.27	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	49.2		0.24	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	47.9		0.27	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	49.3		0.19	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	48.4		0.46	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.6		0.42	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	47.9		0.51	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	48.7		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		85 - 114		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	121000	5.55				
540-36-3	1,4-Difluorobenzene	221000	6.757				
3114-55-4	Chlorobenzene-d5	190000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	88100	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