

Report of Analysis

Client:	New York City DEP of Environmental Protection/BWS	Date Collected:	12/02/24
Project:	Industrial Wastewater Discharge Permit - Fall 2024	Date Received:	12/02/24
Client Sample ID:	14B-1	SDG No.:	P5051
Lab Sample ID:	P5051-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085127.D	5		12/06/24 15:15	VN120624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	6.10	U	6.10	25.0	ug/L
74-87-3	Chloromethane	5.90	U	5.90	25.0	ug/L
75-01-4	Vinyl Chloride	6.10	U	6.10	25.0	ug/L
74-83-9	Bromomethane	6.90	U	6.90	25.0	ug/L
75-00-3	Chloroethane	14.6	U	14.6	25.0	ug/L
75-69-4	Trichlorofluoromethane	5.10	U	5.10	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.30	U	5.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	5.30	U	5.30	25.0	ug/L
67-64-1	Acetone	24.6	U	24.6	130	ug/L
75-15-0	Carbon Disulfide	4.70	U	4.70	25.0	ug/L
1634-04-4	Methyl tert-Butyl Ether	4.20	U	4.20	25.0	ug/L
79-20-9	Methyl Acetate	6.10	U	6.10	25.0	ug/L
75-09-2	Methylene Chloride	6.10	U	6.10	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	4.80	U	4.80	25.0	ug/L
75-34-3	1,1-Dichloroethane	4.10	U	4.10	25.0	ug/L
110-82-7	Cyclohexane	5.20	U	5.20	25.0	ug/L
78-93-3	2-Butanone	17.8	U	17.8	130	ug/L
56-23-5	Carbon Tetrachloride	4.60	U	4.60	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	4.50	U	4.50	25.0	ug/L
67-66-3	Chloroform	3.60	U	3.60	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	4.00	U	4.00	25.0	ug/L
108-87-2	Methylcyclohexane	4.50	U	4.50	25.0	ug/L
71-43-2	Benzene	3.50	U	3.50	25.0	ug/L
107-06-2	1,2-Dichloroethane	3.80	U	3.80	25.0	ug/L
79-01-6	Trichloroethene	3.90	U	3.90	25.0	ug/L
78-87-5	1,2-Dichloropropane	3.30	U	3.30	25.0	ug/L
75-27-4	Bromodichloromethane	4.10	U	4.10	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	20.8	U	20.8	130	ug/L
108-88-3	Toluene	3.60	U	3.60	25.0	ug/L
10061-02-6	t-1,3-Dichloropropene	4.00	U	4.00	25.0	ug/L

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10061-01-5	cis-1,3-Dichloropropene	4.20	U	4.20	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	3.40	U	3.40	25.0	ug/L
591-78-6	2-Hexanone	19.7	U	19.7	130	ug/L
124-48-1	Dibromochloromethane	3.60	U	3.60	25.0	ug/L
106-93-4	1,2-Dibromoethane	3.90	U	3.90	25.0	ug/L
127-18-4	Tetrachloroethene	4.70	U	4.70	25.0	ug/L
108-90-7	Chlorobenzene	3.40	U	3.40	25.0	ug/L
100-41-4	Ethyl Benzene	3.70	U	3.70	25.0	ug/L
179601-23-1	m/p-Xylenes	8.60	U	8.60	50.0	ug/L
95-47-6	o-Xylene	4.10	U	4.10	25.0	ug/L
100-42-5	Styrene	4.00	U	4.00	25.0	ug/L
75-25-2	Bromoform	5.00	U	5.00	25.0	ug/L
98-82-8	Isopropylbenzene	4.30	U	4.30	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	3.00	U	3.00	25.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	3.70	U	3.70	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	4.40	U	4.40	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	4.80	U	4.80	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	4.40	U	4.40	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	U	4.60	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.50	U	5.50	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	7.10	U	7.10	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.8		91 - 110	99%	SPK: 30
2037-26-5	Toluene-d8	28.7		91 - 112	96%	SPK: 30
460-00-4	4-Bromofluorobenzene	25.0		63 - 112	83%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	37200	7.812			
540-36-3	1,4-Difluorobenzene	189000	9.1			
3114-55-4	Chlorobenzene-d5	171000	11.865			

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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