

Report of Analysis

Client:	New York City DEP of Environmental Protection/BWS			Date Collected:	
Project:	Industrial Wastewater Discharge Permit - Fall 2024			Date Received:	
Client Sample ID:	VN1206WBS01			SDG No.:	P5068
Lab Sample ID:	VN1206WBS01			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
VN085124.D	1		12/06/24 13:42	VN120624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.4		1.20	5.00	ug/L
74-87-3	Chloromethane	20.6		1.20	5.00	ug/L
75-01-4	Vinyl Chloride	19.6		1.20	5.00	ug/L
74-83-9	Bromomethane	21.2		1.40	5.00	ug/L
75-00-3	Chloroethane	19.8		2.90	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.4		1.00	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		1.10	5.00	ug/L
75-35-4	1,1-Dichloroethene	19.8		1.10	5.00	ug/L
67-64-1	Acetone	110		4.90	25.0	ug/L
75-15-0	Carbon Disulfide	20.1		0.93	5.00	ug/L
1634-04-4	Methyl tert-Butyl Ether	20.2		0.83	5.00	ug/L
79-20-9	Methyl Acetate	20.0		1.20	5.00	ug/L
75-09-2	Methylene Chloride	19.6		1.20	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	20.0		0.95	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.8		0.81	5.00	ug/L
110-82-7	Cyclohexane	20.4		1.00	5.00	ug/L
78-93-3	2-Butanone	98.6		3.60	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.5		0.91	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.1		0.90	5.00	ug/L
67-66-3	Chloroform	20.1		0.72	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.79	5.00	ug/L
108-87-2	Methylcyclohexane	19.3		0.89	5.00	ug/L
71-43-2	Benzene	19.0		0.69	5.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.75	5.00	ug/L
79-01-6	Trichloroethene	19.7		0.77	5.00	ug/L
78-87-5	1,2-Dichloropropane	19.0		0.65	5.00	ug/L
75-27-4	Bromodichloromethane	18.6		0.81	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	97.5		4.20	25.0	ug/L
108-88-3	Toluene	19.4		0.72	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.0		0.79	5.00	ug/L

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10061-01-5	cis-1,3-Dichloropropene	18.7		0.83	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.5		0.68	5.00	ug/L
591-78-6	2-Hexanone	98.4		3.90	25.0	ug/L
124-48-1	Dibromochloromethane	18.4		0.72	5.00	ug/L
106-93-4	1,2-Dibromoethane	18.7		0.78	5.00	ug/L
127-18-4	Tetrachloroethene	19.5		0.94	5.00	ug/L
108-90-7	Chlorobenzene	19.3		0.67	5.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	40.0		1.70	10.0	ug/L
95-47-6	o-Xylene	20.5		0.82	5.00	ug/L
100-42-5	Styrene	20.3		0.80	5.00	ug/L
75-25-2	Bromoform	18.1		1.00	5.00	ug/L
98-82-8	Isopropylbenzene	19.9		0.85	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.60	5.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.9		0.74	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.4		0.88	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.95	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.6		0.88	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		0.91	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.5		1.10	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.5		1.40	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.1		91 - 110	100%	SPK: 30
2037-26-5	Toluene-d8	29.7		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	30.0		63 - 112	100%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	33300	7.812			
540-36-3	1,4-Difluorobenzene	184000	9.1			
3114-55-4	Chlorobenzene-d5	166000	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