

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:	VN1127WBS01	SDG No.:	P5018
Lab Sample ID:	VN1127WBS01	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
VN085053.D	1		11/27/24 12:21	VN112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.9		1.20	5.00	ug/L
74-87-3	Chloromethane	17.4		1.20	5.00	ug/L
75-01-4	Vinyl Chloride	18.6		1.20	5.00	ug/L
74-83-9	Bromomethane	20.1		1.40	5.00	ug/L
75-00-3	Chloroethane	18.6		2.90	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.0		1.00	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1.10	5.00	ug/L
75-35-4	1,1-Dichloroethene	18.7		1.10	5.00	ug/L
67-64-1	Acetone	95.8		4.90	25.0	ug/L
75-15-0	Carbon Disulfide	17.3		0.93	5.00	ug/L
1634-04-4	Methyl tert-Butyl Ether	18.6		0.83	5.00	ug/L
79-20-9	Methyl Acetate	15.8		1.20	5.00	ug/L
75-09-2	Methylene Chloride	17.9		1.20	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.95	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.9		0.81	5.00	ug/L
110-82-7	Cyclohexane	18.7		1.00	5.00	ug/L
78-93-3	2-Butanone	88.6		3.60	25.0	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.91	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.90	5.00	ug/L
67-66-3	Chloroform	19.2		0.72	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.79	5.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.89	5.00	ug/L
71-43-2	Benzene	17.9		0.69	5.00	ug/L
107-06-2	1,2-Dichloroethane	19.0		0.75	5.00	ug/L
79-01-6	Trichloroethene	18.7		0.77	5.00	ug/L
78-87-5	1,2-Dichloropropane	18.4		0.65	5.00	ug/L
75-27-4	Bromodichloromethane	18.2		0.81	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	86.4		4.20	25.0	ug/L
108-88-3	Toluene	18.5		0.72	5.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.0		0.79	5.00	ug/L

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10061-01-5	cis-1,3-Dichloropropene	18.5		0.83	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.8		0.68	5.00	ug/L
591-78-6	2-Hexanone	88.9		3.90	25.0	ug/L
124-48-1	Dibromochloromethane	19.1		0.72	5.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.78	5.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.94	5.00	ug/L
108-90-7	Chlorobenzene	18.9		0.67	5.00	ug/L
100-41-4	Ethyl Benzene	18.1		0.73	5.00	ug/L
179601-23-1	m/p-Xylenes	37.0		1.70	10.0	ug/L
95-47-6	o-Xylene	17.9		0.82	5.00	ug/L
100-42-5	Styrene	18.4		0.80	5.00	ug/L
75-25-2	Bromoform	17.9		1.00	5.00	ug/L
98-82-8	Isopropylbenzene	18.8		0.85	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.8		0.60	5.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	19.2		0.74	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.88	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.6		0.95	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.4		0.88	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		0.91	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.0		1.10	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.0		1.40	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.4		91 - 110	101%	SPK: 30
2037-26-5	Toluene-d8	29.6		91 - 112	99%	SPK: 30
460-00-4	4-Bromofluorobenzene	29.4		63 - 112	98%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	32700	7.806			
540-36-3	1,4-Difluorobenzene	179000	9.094			
3114-55-4	Chlorobenzene-d5	161000	11.859			



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A = Aldol-Condensation Reaction Products