

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Paramus M&R	Date Received:	
Client Sample ID:	VX0130WBS01	SDG No.:	Q1214
Lab Sample ID:	VX0130WBS01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044770.D	1		01/30/25 09:55	VX013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	21.1		1.20	5.00	ug/L
75-01-4	Vinyl Chloride	20.9		1.20	5.00	ug/L
74-83-9	Bromomethane	22.7		1.40	5.00	ug/L
75-00-3	Chloroethane	58.6		2.90	5.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		1.10	5.00	ug/L
107-02-8	Acrolein	120		9.30	25.0	ug/L
107-13-1	Acrylonitrile	91.4		3.70	25.0	ug/L
75-09-2	Methylene Chloride	17.8		1.20	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.95	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.9		0.81	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.91	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.8		0.90	5.00	ug/L
67-66-3	Chloroform	20.2		0.72	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.79	5.00	ug/L
71-43-2	Benzene	20.7		0.69	5.00	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.75	5.00	ug/L
79-01-6	Trichloroethene	19.6		0.77	5.00	ug/L
75-27-4	Bromodichloromethane	19.2		0.81	5.00	ug/L
108-88-3	Toluene	20.5		0.72	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.2		0.83	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.68	5.00	ug/L
110-75-8	2-Chloroethyl vinyl ether	120		5.60	25.0	ug/L
124-48-1	Dibromochloromethane	19.8		0.72	5.00	ug/L
127-18-4	Tetrachloroethene	20.4		0.94	5.00	ug/L
108-90-7	Chlorobenzene	20.7		0.67	5.00	ug/L
100-41-4	Ethyl Benzene	20.3		0.73	5.00	ug/L
75-25-2	Bromoform	19.7		1.00	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.0		0.60	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.3		91 - 110	91%	SPK: 30
2037-26-5	Toluene-d8	29.8		91 - 112	99%	SPK: 30

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460-00-4	4-Bromofluorobenzene	29.4		63 - 112	98%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	25800	4.885			
540-36-3	1,4-Difluorobenzene	146000	6.751			
3114-55-4	Chlorobenzene-d5	137000	10.049			

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