

Report of Analysis

Client:	PSEG	Date Collected:	01/29/25
Project:	Paramus M&R	Date Received:	01/29/25
Client Sample ID:	PARAMUS-CONDENSATE	SDG No.:	Q1214
Lab Sample ID:	Q1214-01	Matrix:	Water
Analytical Method:	E624.1	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044779.D	1		01/30/25 13:32	VX013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	5.00	U	1.20	5.00	ug/L
75-01-4	Vinyl Chloride	5.00	U	1.20	5.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	5.00	UQ	2.90	5.00	ug/L
75-35-4	1,1-Dichloroethene	5.00	U	1.10	5.00	ug/L
107-02-8	Acrolein	25.0	UQ	9.30	25.0	ug/L
107-13-1	Acrylonitrile	25.0	U	3.70	25.0	ug/L
75-09-2	Methylene Chloride	5.00	U	1.20	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	U	0.95	5.00	ug/L
75-34-3	1,1-Dichloroethane	5.00	U	0.81	5.00	ug/L
56-23-5	Carbon Tetrachloride	5.00	U	0.91	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	U	0.90	5.00	ug/L
67-66-3	Chloroform	5.00	U	0.72	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	5.00	U	0.79	5.00	ug/L
71-43-2	Benzene	5.00	U	0.69	5.00	ug/L
107-06-2	1,2-Dichloroethane	5.00	U	0.75	5.00	ug/L
79-01-6	Trichloroethene	5.00	U	0.77	5.00	ug/L
75-27-4	Bromodichloromethane	5.00	U	0.81	5.00	ug/L
108-88-3	Toluene	5.00	U	0.72	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.00	U	0.83	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	5.00	U	0.68	5.00	ug/L
110-75-8	2-Chloroethyl vinyl ether	25.0	U	5.60	25.0	ug/L
124-48-1	Dibromochloromethane	5.00	U	0.72	5.00	ug/L
127-18-4	Tetrachloroethene	5.00	U	0.94	5.00	ug/L
108-90-7	Chlorobenzene	5.00	U	0.67	5.00	ug/L
100-41-4	Ethyl Benzene	5.00	U	0.73	5.00	ug/L
75-25-2	Bromoform	5.00	U	1.00	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.00	U	0.60	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.0		91 - 110	97%	SPK: 30
2037-26-5	Toluene-d8	30.0		91 - 112	100%	SPK: 30

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460-00-4	4-Bromofluorobenzene	26.6		63 - 112	89%	SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	23000	4.891			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.055			

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