

Report of Analysis

Client:	PSEG	Date Collected:	06/18/25
Project:	Fairlawn Substation	Date Received:	06/18/25
Client Sample ID:	FAIRLAWN-SUMP	SDG No.:	Q2351
Lab Sample ID:	Q2351-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046771.D	50		06/19/25 15:45	VX061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	250	U	11.0	250	ug/L
74-87-3	Chloromethane	250	U	16.0	250	ug/L
75-01-4	Vinyl Chloride	250	U	13.0	250	ug/L
74-83-9	Bromomethane	250	U	72.0	250	ug/L
75-00-3	Chloroethane	250	U	23.5	250	ug/L
75-69-4	Trichlorofluoromethane	250	U	16.5	250	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	250	U	12.5	250	ug/L
75-35-4	1,1-Dichloroethene	250	U	11.5	250	ug/L
67-64-1	Acetone	1300	U	75.5	1300	ug/L
75-15-0	Carbon Disulfide	250	U	10.5	250	ug/L
1634-04-4	Methyl tert-butyl Ether	250	U	8.00	250	ug/L
79-20-9	Methyl Acetate	250	U	13.5	250	ug/L
75-09-2	Methylene Chloride	250	U	14.0	250	ug/L
156-60-5	trans-1,2-Dichloroethene	250	U	11.5	250	ug/L
75-34-3	1,1-Dichloroethane	250	U	11.5	250	ug/L
110-82-7	Cyclohexane	250	U	72.5	250	ug/L
78-93-3	2-Butanone	1300	U	49.0	1300	ug/L
56-23-5	Carbon Tetrachloride	250	U	12.5	250	ug/L
156-59-2	cis-1,2-Dichloroethene	250	U	9.50	250	ug/L
74-97-5	Bromochloromethane	250	U	11.0	250	ug/L
67-66-3	Chloroform	250	U	12.5	250	ug/L
71-55-6	1,1,1-Trichloroethane	250	U	10.0	250	ug/L
108-87-2	Methylcyclohexane	43.5	J	8.00	250	ug/L
71-43-2	Benzene	250	U	7.50	250	ug/L
107-06-2	1,2-Dichloroethane	250	U	11.0	250	ug/L
79-01-6	Trichloroethene	250	U	4.70	250	ug/L
78-87-5	1,2-Dichloropropane	250	U	10.0	250	ug/L
75-27-4	Bromodichloromethane	250	U	11.0	250	ug/L
108-10-1	4-Methyl-2-Pentanone	1300	U	34.0	1300	ug/L
108-88-3	Toluene	250	U	7.00	250	ug/L

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10061-02-6	t-1,3-Dichloropropene	250	U	8.50	250	ug/L
10061-01-5	cis-1,3-Dichloropropene	250	U	8.00	250	ug/L
79-00-5	1,1,2-Trichloroethane	250	U	10.5	250	ug/L
591-78-6	2-Hexanone	1300	U	44.5	1300	ug/L
124-48-1	Dibromochloromethane	250	U	9.00	250	ug/L
106-93-4	1,2-Dibromoethane	250	U	7.50	250	ug/L
127-18-4	Tetrachloroethene	250	U	11.5	250	ug/L
108-90-7	Chlorobenzene	250	U	6.00	250	ug/L
100-41-4	Ethyl Benzene	250	U	6.50	250	ug/L
179601-23-1	m/p-Xylenes	500	U	12.0	500	ug/L
95-47-6	o-Xylene	250	U	6.00	250	ug/L
100-42-5	Styrene	250	U	7.50	250	ug/L
75-25-2	Bromoform	250	U	9.50	250	ug/L
98-82-8	Isopropylbenzene	250	U	6.00	250	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	250	U	13.0	250	ug/L
541-73-1	1,3-Dichlorobenzene	250	U	8.00	250	ug/L
106-46-7	1,4-Dichlorobenzene	250	U	9.50	250	ug/L
95-50-1	1,2-Dichlorobenzene	250	U	8.00	250	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	250	U	26.5	250	ug/L
120-82-1	1,2,4-Trichlorobenzene	250	U	10.0	250	ug/L
87-61-6	1,2,3-Trichlorobenzene	250	U	10.0	250	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.9		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.3		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	124000	5.556			
540-36-3	1,4-Difluorobenzene	210000	6.763			
3114-55-4	Chlorobenzene-d5	189000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	90300	12.018			

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		Test:	VOC-TCLVOA-10

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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