



Client:	PSEG	Date Collected:	08/27/25
Project:	Locust Street 69kV Breaker	Date Received:	08/27/25
Client Sample ID:	GROUNDWATER	SDG No.:	Q2971
Lab Sample ID:	Q2971-37	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087681.D	1	08/28/25 13:44	VN082825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.26	1.00	ug/L
74-83-9	Bromomethane	5.00	U	1.40	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.23	1.00	ug/L
67-64-1	Acetone	3.70	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.50	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.22	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	1.00	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.68	5.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L

Report of Analysis

Client:	PSEG	Date Collected:	08/27/25
Project:	Locust Street 69kV Breaker	Date Received:	08/27/25
Client Sample ID:	GROUNDWATER	SDG No.:	Q2971
Lab Sample ID:	Q2971-37	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087681.D	1	08/28/25 13:44	VN082825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	1.00	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	1.00	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	2.00	U	0.24	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.12	1.00	ug/L
100-42-5	Styrene	1.00	U	0.15	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.2		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	159000	8.206			
540-36-3	1,4-Difluorobenzene	368000	9.082			
3114-55-4	Chlorobenzene-d5	346000	11.841			
3855-82-1	1,4-Dichlorobenzene-d4	156000	13.77			



Client:	PSEG	Date Collected:	08/27/25
Project:	Locust Street 69kV Breaker	Date Received:	08/27/25
Client Sample ID:	GROUNDWATER	SDG No.:	Q2971
Lab Sample ID:	Q2971-37	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087681.D	1	08/28/25 13:44	VN082825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

A = Aldol-Condensation Reaction Products