

Report of Analysis

Client:	PSEG	Date Collected:	08/27/25
Project:	Locust Street 69kV Breaker	Date Received:	08/27/25
Client Sample ID:	TP2	SDG No.:	Q2971
Lab Sample ID:	Q2971-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.7
Sample Wt/Vol:	5.04	Units: g	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
VW032154.D	1	08/28/25 12:58	VW082825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.0054	U	0.00070	0.0054	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0054	U	0.00067	0.0054	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0054	U	0.0010	0.0054	mg/Kg
591-78-6	2-Hexanone	0.027	U	0.0040	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0054	U	0.00094	0.0054	mg/Kg
106-93-4	1,2-Dibromoethane	0.0054	U	0.00095	0.0054	mg/Kg
127-18-4	Tetrachloroethene	0.0054	U	0.0011	0.0054	mg/Kg
108-90-7	Chlorobenzene	0.0054	U	0.00098	0.0054	mg/Kg
100-41-4	Ethyl Benzene	0.0054	U	0.00072	0.0054	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0013	0.011	mg/Kg
95-47-6	o-Xylene	0.0054	U	0.00089	0.0054	mg/Kg
100-42-5	Styrene	0.0054	U	0.00077	0.0054	mg/Kg
75-25-2	Bromoform	0.0054	U	0.00093	0.0054	mg/Kg
98-82-8	Isopropylbenzene	0.0054	U	0.00084	0.0054	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0054	U	0.0013	0.0054	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0054	U	0.0018	0.0054	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0054	U	0.0017	0.0054	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0054	U	0.0016	0.0054	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0054	U	0.0020	0.0054	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0054	U	0.0032	0.0054	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0054	U	0.0034	0.0054	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	46.9		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		17 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	156000	7.959			
540-36-3	1,4-Difluorobenzene	307000	8.849			
3114-55-4	Chlorobenzene-d5	308000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	161000	13.556			

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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