

Report of Analysis

Client:	PSEG	Date Collected:	03/25/25
Project:	NYE Avenue Substation	Date Received:	03/25/25
Client Sample ID:	TP-4-VOC	SDG No.:	Q1645
Lab Sample ID:	Q1645-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92
Sample Wt/Vol:	4.1 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:	Prep Date	Date Analyzed	Prep Batch ID
VY021649.D	1		03/26/25 16:11	VY032625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0066	U	0.0015	0.0066	mg/Kg
74-87-3	Chloromethane	0.0066	U	0.0015	0.0066	mg/Kg
75-01-4	Vinyl Chloride	0.0066	U	0.0010	0.0066	mg/Kg
74-83-9	Bromomethane	0.0066	U	0.0014	0.0066	mg/Kg
75-00-3	Chloroethane	0.0066	U	0.0017	0.0066	mg/Kg
75-69-4	Trichlorofluoromethane	0.0066	U	0.0016	0.0066	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0066	U	0.0014	0.0066	mg/Kg
75-35-4	1,1-Dichloroethene	0.0066	U	0.0013	0.0066	mg/Kg
67-64-1	Acetone	0.033	U	0.0063	0.033	mg/Kg
75-15-0	Carbon Disulfide	0.0066	U	0.0014	0.0066	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0066	U	0.00097	0.0066	mg/Kg
79-20-9	Methyl Acetate	0.0066	U	0.0020	0.0066	mg/Kg
75-09-2	Methylene Chloride	0.013	U	0.0047	0.013	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0066	U	0.0011	0.0066	mg/Kg
75-34-3	1,1-Dichloroethane	0.0066	U	0.0011	0.0066	mg/Kg
110-82-7	Cyclohexane	0.0066	U	0.0010	0.0066	mg/Kg
78-93-3	2-Butanone	0.033	U	0.0087	0.033	mg/Kg
56-23-5	Carbon Tetrachloride	0.0066	U	0.0013	0.0066	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0066	U	0.00099	0.0066	mg/Kg
74-97-5	Bromochloromethane	0.0066	U	0.0015	0.0066	mg/Kg
67-66-3	Chloroform	0.0066	U	0.0011	0.0066	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0066	U	0.0012	0.0066	mg/Kg
108-87-2	Methylcyclohexane	0.0066	U	0.0012	0.0066	mg/Kg
71-43-2	Benzene	0.0066	U	0.0010	0.0066	mg/Kg
107-06-2	1,2-Dichloroethane	0.0066	U	0.0010	0.0066	mg/Kg
79-01-6	Trichloroethene	0.0066	U	0.0011	0.0066	mg/Kg
78-87-5	1,2-Dichloropropane	0.0066	U	0.0012	0.0066	mg/Kg
75-27-4	Bromodichloromethane	0.0066	U	0.0010	0.0066	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.033	U	0.0047	0.033	mg/Kg
108-88-3	Toluene	0.0014	J	0.0010	0.0066	mg/Kg



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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1000222-83-3	unknown2.080	9.50	J		2.08	ug/Kg

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