

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	Bergen Point Substation	Date Received:	05/20/25
Client Sample ID:	VNJ-202	SDG No.:	Q2092
Lab Sample ID:	Q2092-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.95 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
VY022372.D	1		05/21/25 17:05	VY052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0057	U	0.0013	0.0057	mg/Kg
74-87-3	Chloromethane	0.0057	U	0.0013	0.0057	mg/Kg
75-01-4	Vinyl Chloride	0.0057	U	0.00091	0.0057	mg/Kg
74-83-9	Bromomethane	0.0057	U	0.0012	0.0057	mg/Kg
75-00-3	Chloroethane	0.0057	U	0.0014	0.0057	mg/Kg
75-69-4	Trichlorofluoromethane	0.0057	U	0.0014	0.0057	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0057	U	0.0012	0.0057	mg/Kg
75-35-4	1,1-Dichloroethene	0.0057	U	0.0011	0.0057	mg/Kg
67-64-1	Acetone	0.029	U	0.0054	0.029	mg/Kg
75-15-0	Carbon Disulfide	0.0057	U	0.0012	0.0057	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0057	U	0.00084	0.0057	mg/Kg
79-20-9	Methyl Acetate	0.0057	U	0.0018	0.0057	mg/Kg
75-09-2	Methylene Chloride	0.012	U	0.0040	0.012	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0057	U	0.00099	0.0057	mg/Kg
75-34-3	1,1-Dichloroethane	0.0057	U	0.00092	0.0057	mg/Kg
110-82-7	Cyclohexane	0.0057	U	0.00091	0.0057	mg/Kg
78-93-3	2-Butanone	0.029	U	0.0075	0.029	mg/Kg
56-23-5	Carbon Tetrachloride	0.0057	U	0.0011	0.0057	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0057	U	0.00086	0.0057	mg/Kg
74-97-5	Bromochloromethane	0.0057	U	0.0013	0.0057	mg/Kg
67-66-3	Chloroform	0.0057	U	0.00096	0.0057	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0057	U	0.0011	0.0057	mg/Kg
108-87-2	Methylcyclohexane	0.0057	U	0.0010	0.0057	mg/Kg
71-43-2	Benzene	0.0057	U	0.00091	0.0057	mg/Kg
107-06-2	1,2-Dichloroethane	0.0057	U	0.00091	0.0057	mg/Kg
79-01-6	Trichloroethene	0.0057	U	0.00093	0.0057	mg/Kg
78-87-5	1,2-Dichloropropane	0.0057	U	0.0010	0.0057	mg/Kg
75-27-4	Bromodichloromethane	0.0057	U	0.00089	0.0057	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.029	U	0.0041	0.029	mg/Kg
108-88-3	Toluene	0.0057	U	0.00089	0.0057	mg/Kg

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VY022372.D	1		05/21/25 17:05	VY052125

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
1000382-54-5	Carbonic acid, tetradecyl vinyl es	6.80	J		13.2	ug/Kg
062016-28-8	Octane, 2,2,6-trimethyl-	7.50	J		13.4	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	13.2	J		14.2	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	17.2	J		14.7	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	12.9	J		15.0	ug/Kg
026730-14-3	Tridecane, 7-methyl-	13.1	J		15.1	ug/Kg
	unknown15.358	7.30	J		15.4	ug/Kg
013287-21-3	Tridecane, 6-methyl-	20.4	J		15.5	ug/Kg
003891-98-3	Dodecane, 2,6,10-trimethyl-	17.6	J		16.1	ug/Kg
000295-17-0	Cyclotetradecane	11.4	J		16.4	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