

Report of Analysis

Client:	PSEG	Date Collected:	10/30/25
Project:	Irvington - Metro Electric Division Sub HQ	Date Received:	10/30/25
Client Sample ID:	461	SDG No.:	Q3501
Lab Sample ID:	Q3501-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	2.56 g	Test:	VOC-TCLVOA-10
	Soil Aliquot Vol: 100 uL		
	Level: MED		
	Final Vol: 10000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.98	U	1	0.22	0.98	mg/Kg	10/31/25 15:23	VN103125
74-87-3	Chloromethane	0.98	U	1	0.22	0.98	mg/Kg	10/31/25 15:23	VN103125
75-01-4	Vinyl Chloride	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
74-83-9	Bromomethane	0.98	U	1	0.21	0.98	mg/Kg	10/31/25 15:23	VN103125
75-00-3	Chloroethane	0.98	U	1	0.25	0.98	mg/Kg	10/31/25 15:23	VN103125
75-69-4	Trichlorofluoromethane	0.98	U	1	0.24	0.98	mg/Kg	10/31/25 15:23	VN103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.98	U	1	0.21	0.98	mg/Kg	10/31/25 15:23	VN103125
75-35-4	1,1-Dichloroethene	0.98	U	1	0.20	0.98	mg/Kg	10/31/25 15:23	VN103125
67-64-1	Acetone	4.90	U	1	0.93	4.90	mg/Kg	10/31/25 15:23	VN103125
75-15-0	Carbon Disulfide	0.31	J	1	0.21	0.98	mg/Kg	10/31/25 15:23	VN103125
1634-04-4	Methyl tert-butyl Ether	0.98	U	1	0.14	0.98	mg/Kg	10/31/25 15:23	VN103125
79-20-9	Methyl Acetate	0.98	U	1	0.30	0.98	mg/Kg	10/31/25 15:23	VN103125
75-09-2	Methylene Chloride	2.00	U	1	0.69	2.00	mg/Kg	10/31/25 15:23	VN103125
156-60-5	trans-1,2-Dichloroethene	0.98	U	1	0.17	0.98	mg/Kg	10/31/25 15:23	VN103125
75-34-3	1,1-Dichloroethane	0.98	U	1	0.16	0.98	mg/Kg	10/31/25 15:23	VN103125
110-82-7	Cyclohexane	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
78-93-3	2-Butanone	4.90	U	1	1.30	4.90	mg/Kg	10/31/25 15:23	VN103125
56-23-5	Carbon Tetrachloride	0.98	U	1	0.19	0.98	mg/Kg	10/31/25 15:23	VN103125
156-59-2	cis-1,2-Dichloroethene	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
74-97-5	Bromochloromethane	0.98	U	1	0.22	0.98	mg/Kg	10/31/25 15:23	VN103125
67-66-3	Chloroform	0.98	U	1	0.16	0.98	mg/Kg	10/31/25 15:23	VN103125
71-55-6	1,1,1-Trichloroethane	0.98	U	1	0.18	0.98	mg/Kg	10/31/25 15:23	VN103125
108-87-2	Methylcyclohexane	0.98	U	1	0.18	0.98	mg/Kg	10/31/25 15:23	VN103125
71-43-2	Benzene	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
107-06-2	1,2-Dichloroethane	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
79-01-6	Trichloroethene	0.98	U	1	0.16	0.98	mg/Kg	10/31/25 15:23	VN103125
78-87-5	1,2-Dichloropropane	0.98	U	1	0.18	0.98	mg/Kg	10/31/25 15:23	VN103125
75-27-4	Bromodichloromethane	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
108-10-1	4-Methyl-2-Pentanone	4.90	U	1	0.70	4.90	mg/Kg	10/31/25 15:23	VN103125
108-88-3	Toluene	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
10061-02-6	t-1,3-Dichloropropene	0.98	U	1	0.13	0.98	mg/Kg	10/31/25 15:23	VN103125
10061-01-5	cis-1,3-Dichloropropene	0.98	U	1	0.12	0.98	mg/Kg	10/31/25 15:23	VN103125
79-00-5	1,1,2-Trichloroethane	0.98	U	1	0.18	0.98	mg/Kg	10/31/25 15:23	VN103125
591-78-6	2-Hexanone	4.90	U	1	0.72	4.90	mg/Kg	10/31/25 15:23	VN103125
124-48-1	Dibromochloromethane	0.98	U	1	0.17	0.98	mg/Kg	10/31/25 15:23	VN103125
106-93-4	1,2-Dibromoethane	0.98	U	1	0.17	0.98	mg/Kg	10/31/25 15:23	VN103125
127-18-4	Tetrachloroethene	0.98	U	1	0.21	0.98	mg/Kg	10/31/25 15:23	VN103125
108-90-7	Chlorobenzene	0.98	U	1	0.18	0.98	mg/Kg	10/31/25 15:23	VN103125
100-41-4	Ethyl Benzene	0.98	U	1	0.13	0.98	mg/Kg	10/31/25 15:23	VN103125
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	mg/Kg	10/31/25 15:23	VN103125
95-47-6	o-Xylene	0.98	U	1	0.16	0.98	mg/Kg	10/31/25 15:23	VN103125
100-42-5	Styrene	0.98	U	1	0.14	0.98	mg/Kg	10/31/25 15:23	VN103125
75-25-2	Bromoform	0.98	U	1	0.17	0.98	mg/Kg	10/31/25 15:23	VN103125

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Lab Sample ID:	Q3501-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	2.56 g	Test:	VOC-TCLVOA-10
	Soil Aliquot Vol: 100 uL		
	Level: MED		
	Final Vol: 10000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.98	U	1	0.15	0.98	mg/Kg	10/31/25 15:23	VN103125
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	1	0.24	0.98	mg/Kg	10/31/25 15:23	VN103125
541-73-1	1,3-Dichlorobenzene	0.98	U	1	0.33	0.98	mg/Kg	10/31/25 15:23	VN103125
106-46-7	1,4-Dichlorobenzene	0.98	U	1	0.30	0.98	mg/Kg	10/31/25 15:23	VN103125
95-50-1	1,2-Dichlorobenzene	0.98	U	1	0.28	0.98	mg/Kg	10/31/25 15:23	VN103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.98	U	1	0.36	0.98	mg/Kg	10/31/25 15:23	VN103125
120-82-1	1,2,4-Trichlorobenzene	0.98	U	1	0.58	0.98	mg/Kg	10/31/25 15:23	VN103125
87-61-6	1,2,3-Trichlorobenzene	0.98	U	1	0.62	0.98	mg/Kg	10/31/25 15:23	VN103125

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	61.5			63 - 155	123%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	49.4			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0			17 - 146	102%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	292000
540-36-3	1,4-Difluorobenzene	668000
3114-55-4	Chlorobenzene-d5	607000
3855-82-1	1,4-Dichlorobenzene-d4	280000

TENTATIVE IDENTIFIED COMPOUNDS

000112-40-3	Dodecane	4200	J		14.9	ug/Kg
006117-97-1	Dodecane, 4-methyl-	4100	J		15.4	ug/Kg
017301-27-8	Undecane, 2,10-dimethyl-	5600	J		15.5	ug/Kg
017301-26-7	Undecane, 2,9-dimethyl-	5400	J		15.6	ug/Kg
000629-50-5	Tridecane	7100	J		15.8	ug/Kg
013287-21-3	Tridecane, 6-methyl-	7600	J		16.3	ug/Kg
001560-96-9	Tridecane, 2-methyl-	5100	J		16.4	ug/Kg
006418-41-3	Tridecane, 3-methyl-	5800	J		16.5	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