

Report of Analysis

Client: PSEG
Project: Linden Switching Station
Client Sample ID: SOIL-CUTTINGS-COMP
Lab Sample ID: Q3491-01
Analytical Method: 8260D
Sample Wt/Vol: 10.35 g

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/29/25
Date Received: 10/29/25
SDG No.: Q3491
Matrix: SOIL
% Solid: 73.6
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.0033	U	1	0.00075	0.0033	mg/Kg	10/31/25 11:14	VY103125
74-87-3	Chloromethane	0.0033	U	1	0.00075	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-01-4	Vinyl Chloride	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
74-83-9	Bromomethane	0.0033	U	1	0.00070	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-00-3	Chloroethane	0.0033	U	1	0.00083	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-69-4	Trichlorofluoromethane	0.0033	U	1	0.00079	0.0033	mg/Kg	10/31/25 11:14	VY103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0033	U	1	0.00070	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-35-4	1,1-Dichloroethene	0.0033	U	1	0.00066	0.0033	mg/Kg	10/31/25 11:14	VY103125
67-64-1	Acetone	0.016	U	1	0.0031	0.016	mg/Kg	10/31/25 11:14	VY103125
75-15-0	Carbon Disulfide	0.0012	J	1	0.00070	0.0033	mg/Kg	10/31/25 11:14	VY103125
1634-04-4	Methyl tert-butyl Ether	0.0033	U	1	0.00048	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-20-9	Methyl Acetate	0.0033	U	1	0.0010	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-09-2	Methylene Chloride	0.0023	J	1	0.0023	0.0066	mg/Kg	10/31/25 11:14	VY103125
156-60-5	trans-1,2-Dichloroethene	0.0033	U	1	0.00056	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-34-3	1,1-Dichloroethane	0.0033	U	1	0.00053	0.0033	mg/Kg	10/31/25 11:14	VY103125
110-82-7	Cyclohexane	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
78-93-3	2-Butanone	0.016	U	1	0.0043	0.016	mg/Kg	10/31/25 11:14	VY103125
56-23-5	Carbon Tetrachloride	0.0033	U	1	0.00064	0.0033	mg/Kg	10/31/25 11:14	VY103125
156-59-2	cis-1,2-Dichloroethene	0.0033	U	1	0.00049	0.0033	mg/Kg	10/31/25 11:14	VY103125
74-97-5	Bromochloromethane	0.0033	U	1	0.00075	0.0033	mg/Kg	10/31/25 11:14	VY103125
67-66-3	Chloroform	0.0011	J	1	0.00055	0.0033	mg/Kg	10/31/25 11:14	VY103125
71-55-6	1,1,1-Trichloroethane	0.0033	U	1	0.00061	0.0033	mg/Kg	10/31/25 11:14	VY103125
108-87-2	Methylcyclohexane	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
71-43-2	Benzene	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
107-06-2	1,2-Dichloroethane	0.0033	U	1	0.00052	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-01-6	Trichloroethene	0.0033	U	1	0.00053	0.0033	mg/Kg	10/31/25 11:14	VY103125
78-87-5	1,2-Dichloropropane	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-27-4	Bromodichloromethane	0.0033	U	1	0.00051	0.0033	mg/Kg	10/31/25 11:14	VY103125
108-10-1	4-Methyl-2-Pentanone	0.016	U	1	0.0023	0.016	mg/Kg	10/31/25 11:14	VY103125
108-88-3	Toluene	0.0033	U	1	0.00051	0.0033	mg/Kg	10/31/25 11:14	VY103125
10061-02-6	t-1,3-Dichloropropene	0.0033	U	1	0.00043	0.0033	mg/Kg	10/31/25 11:14	VY103125
10061-01-5	cis-1,3-Dichloropropene	0.0033	U	1	0.00041	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-00-5	1,1,2-Trichloroethane	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
591-78-6	2-Hexanone	0.016	U	1	0.0024	0.016	mg/Kg	10/31/25 11:14	VY103125
124-48-1	Dibromochloromethane	0.0033	U	1	0.00057	0.0033	mg/Kg	10/31/25 11:14	VY103125
106-93-4	1,2-Dibromoethane	0.0033	U	1	0.00058	0.0033	mg/Kg	10/31/25 11:14	VY103125
127-18-4	Tetrachloroethene	0.0033	U	1	0.00069	0.0033	mg/Kg	10/31/25 11:14	VY103125
108-90-7	Chlorobenzene	0.0033	U	1	0.00060	0.0033	mg/Kg	10/31/25 11:14	VY103125
100-41-4	Ethyl Benzene	0.0033	U	1	0.00044	0.0033	mg/Kg	10/31/25 11:14	VY103125
179601-23-1	m/p-Xylenes	0.0066	U	1	0.00081	0.0066	mg/Kg	10/31/25 11:14	VY103125
95-47-6	o-Xylene	0.0033	U	1	0.00054	0.0033	mg/Kg	10/31/25 11:14	VY103125
100-42-5	Styrene	0.0033	U	1	0.00047	0.0033	mg/Kg	10/31/25 11:14	VY103125
75-25-2	Bromoform	0.0033	U	1	0.00056	0.0033	mg/Kg	10/31/25 11:14	VY103125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.0033	U	1	0.00051	0.0033	mg/Kg	10/31/25 11:14	VY103125
79-34-5	1,1,2,2-Tetrachloroethane	0.0033	U	1	0.00079	0.0033	mg/Kg	10/31/25 11:14	VY103125
541-73-1	1,3-Dichlorobenzene	0.0033	U	1	0.0011	0.0033	mg/Kg	10/31/25 11:14	VY103125
106-46-7	1,4-Dichlorobenzene	0.0033	U	1	0.0010	0.0033	mg/Kg	10/31/25 11:14	VY103125
95-50-1	1,2-Dichlorobenzene	0.0033	U	1	0.00095	0.0033	mg/Kg	10/31/25 11:14	VY103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.0033	U	1	0.0012	0.0033	mg/Kg	10/31/25 11:14	VY103125
120-82-1	1,2,4-Trichlorobenzene	0.0033	U	1	0.0019	0.0033	mg/Kg	10/31/25 11:14	VY103125
87-61-6	1,2,3-Trichlorobenzene	0.0033	U	1	0.0021	0.0033	mg/Kg	10/31/25 11:14	VY103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.5			63 - 155	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	49.2			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.3			17 - 146	89%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	740000							
540-36-3	1,4-Difluorobenzene	1260000							
3114-55-4	Chlorobenzene-d5	1050000							
3855-82-1	1,4-Dichlorobenzene-d4	436000							

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