

Report of Analysis

Client:	PSEG	Date Collected:	06/27/25
Project:	Lawrenceville HQ	Date Received:	06/27/25
Client Sample ID:	LAW-25-0100ME	SDG No.:	Q2447
Lab Sample ID:	Q2447-07ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.4
Sample Wt/Vol:	3 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date / Time	Date Analyzed / Time	Prep Batch ID
VX046879.D	1		07/03/25 12:07	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.92	UD	0.21	0.92	mg/Kg
74-87-3	Chloromethane	0.92	UD	0.21	0.92	mg/Kg
75-01-4	Vinyl Chloride	0.92	UD	0.15	0.92	mg/Kg
74-83-9	Bromomethane	0.92	UD	0.20	0.92	mg/Kg
75-00-3	Chloroethane	0.92	UD	0.23	0.92	mg/Kg
75-69-4	Trichlorofluoromethane	0.92	UD	0.22	0.92	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.92	UD	0.20	0.92	mg/Kg
75-35-4	1,1-Dichloroethene	0.92	UD	0.18	0.92	mg/Kg
67-64-1	Acetone	4.60	UD	0.87	4.60	mg/Kg
75-15-0	Carbon Disulfide	0.92	UD	0.20	0.92	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.92	UD	0.13	0.92	mg/Kg
79-20-9	Methyl Acetate	0.92	UD	0.28	0.92	mg/Kg
75-09-2	Methylene Chloride	1.80	UD	0.65	1.80	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.92	UD	0.16	0.92	mg/Kg
75-34-3	1,1-Dichloroethane	0.92	UD	0.15	0.92	mg/Kg
110-82-7	Cyclohexane	0.92	UD	0.15	0.92	mg/Kg
78-93-3	2-Butanone	4.60	UD	1.20	4.60	mg/Kg
56-23-5	Carbon Tetrachloride	0.92	UD	0.18	0.92	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.92	UD	0.14	0.92	mg/Kg
74-97-5	Bromochloromethane	0.92	UD	0.21	0.92	mg/Kg
67-66-3	Chloroform	0.92	UD	0.15	0.92	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.92	UD	0.17	0.92	mg/Kg
108-87-2	Methylcyclohexane	0.24	JD	0.17	0.92	mg/Kg
71-43-2	Benzene	0.92	UD	0.15	0.92	mg/Kg
107-06-2	1,2-Dichloroethane	0.92	UD	0.15	0.92	mg/Kg
79-01-6	Trichloroethene	0.92	UD	0.15	0.92	mg/Kg
78-87-5	1,2-Dichloropropane	0.92	UD	0.17	0.92	mg/Kg
75-27-4	Bromodichloromethane	0.92	UD	0.14	0.92	mg/Kg
108-10-1	4-Methyl-2-Pentanone	4.60	UD	0.66	4.60	mg/Kg
108-88-3	Toluene	6.60	D	0.14	0.92	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	0.92	UD	0.12	0.92	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.92	UD	0.11	0.92	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.92	UD	0.17	0.92	mg/Kg
591-78-6	2-Hexanone	4.60	UD	0.68	4.60	mg/Kg
124-48-1	Dibromochloromethane	0.92	UD	0.16	0.92	mg/Kg
106-93-4	1,2-Dibromoethane	0.92	UD	0.16	0.92	mg/Kg
127-18-4	Tetrachloroethene	0.92	UD	0.19	0.92	mg/Kg
108-90-7	Chlorobenzene	0.92	UD	0.17	0.92	mg/Kg
100-41-4	Ethyl Benzene	0.16	JD	0.12	0.92	mg/Kg
179601-23-1	m/p-Xylenes	0.40	JD	0.23	1.80	mg/Kg
95-47-6	o-Xylene	0.92	UD	0.15	0.92	mg/Kg
100-42-5	Styrene	0.92	UD	0.13	0.92	mg/Kg
75-25-2	Bromoform	0.92	UD	0.16	0.92	mg/Kg
98-82-8	Isopropylbenzene	0.92	UD	0.14	0.92	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.92	UD	0.22	0.92	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.92	UD	0.32	0.92	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.92	UD	0.29	0.92	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.92	UD	0.27	0.92	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.92	UD	0.34	0.92	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.92	UD	0.55	0.92	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.92	UD	0.59	0.92	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		70 - 134	92%	SPK: 50
2037-26-5	Toluene-d8	49.8		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	397000	5.556			
540-36-3	1,4-Difluorobenzene	672000	6.763			
3114-55-4	Chlorobenzene-d5	611000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	309000	12.018			

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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