

Report of Analysis

Client:	PSEG	Date Collected:	08/15/25
Project:	Hackensack Sub HQ	Date Received:	08/15/25
Client Sample ID:	302DL	SDG No.:	Q2884
Lab Sample ID:	Q2884-03DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	3.8 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:	Date Analyzed	Prep Batch ID
VX047424.D	10	08/19/25 19:25	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	7.20	UD	1.60	7.20	mg/Kg
74-87-3	Chloromethane	7.20	UD	1.60	7.20	mg/Kg
75-01-4	Vinyl Chloride	7.20	UD	1.10	7.20	mg/Kg
74-83-9	Bromomethane	7.20	UD	1.50	7.20	mg/Kg
75-00-3	Chloroethane	7.20	UD	1.80	7.20	mg/Kg
75-69-4	Trichlorofluoromethane	7.20	UD	1.70	7.20	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	7.20	UD	1.50	7.20	mg/Kg
75-35-4	1,1-Dichloroethene	7.20	UD	1.40	7.20	mg/Kg
67-64-1	Acetone	14.6	JD	6.90	36.1	mg/Kg
75-15-0	Carbon Disulfide	7.20	UD	1.50	7.20	mg/Kg
1634-04-4	Methyl tert-butyl Ether	7.20	UD	1.10	7.20	mg/Kg
79-20-9	Methyl Acetate	7.20	UD	2.20	7.20	mg/Kg
75-09-2	Methylene Chloride	14.5	UD	5.10	14.5	mg/Kg
156-60-5	trans-1,2-Dichloroethene	7.20	UD	1.20	7.20	mg/Kg
75-34-3	1,1-Dichloroethane	7.20	UD	1.20	7.20	mg/Kg
110-82-7	Cyclohexane	7.20	UD	1.10	7.20	mg/Kg
78-93-3	2-Butanone	36.1	UD	9.50	36.1	mg/Kg
56-23-5	Carbon Tetrachloride	7.20	UD	1.40	7.20	mg/Kg
156-59-2	cis-1,2-Dichloroethene	7.20	UD	1.10	7.20	mg/Kg
74-97-5	Bromochloromethane	7.20	UD	1.70	7.20	mg/Kg
67-66-3	Chloroform	7.20	UD	1.20	7.20	mg/Kg
71-55-6	1,1,1-Trichloroethane	7.20	UD	1.30	7.20	mg/Kg
108-87-2	Methylcyclohexane	7.20	UD	1.30	7.20	mg/Kg
71-43-2	Benzene	7.20	UD	1.10	7.20	mg/Kg
107-06-2	1,2-Dichloroethane	7.20	UD	1.10	7.20	mg/Kg
79-01-6	Trichloroethene	7.20	UD	1.20	7.20	mg/Kg
78-87-5	1,2-Dichloropropane	7.20	UD	1.30	7.20	mg/Kg
75-27-4	Bromodichloromethane	7.20	UD	1.10	7.20	mg/Kg
108-10-1	4-Methyl-2-Pentanone	36.1	UD	5.20	36.1	mg/Kg
108-88-3	Toluene	7.20	UD	1.10	7.20	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	7.20	UD	0.94	7.20	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	7.20	UD	0.90	7.20	mg/Kg
79-00-5	1,1,2-Trichloroethane	7.20	UD	1.30	7.20	mg/Kg
591-78-6	2-Hexanone	36.1	UD	5.30	36.1	mg/Kg
124-48-1	Dibromochloromethane	7.20	UD	1.30	7.20	mg/Kg
106-93-4	1,2-Dibromoethane	7.20	UD	1.30	7.20	mg/Kg
127-18-4	Tetrachloroethene	7.20	UD	1.50	7.20	mg/Kg
108-90-7	Chlorobenzene	7.20	UD	1.30	7.20	mg/Kg
100-41-4	Ethyl Benzene	33.2	D	0.97	7.20	mg/Kg
179601-23-1	m/p-Xylenes	146	D	1.80	14.5	mg/Kg
95-47-6	o-Xylene	39.1	D	1.20	7.20	mg/Kg
100-42-5	Styrene	7.20	UD	1.00	7.20	mg/Kg
75-25-2	Bromoform	7.20	UD	1.20	7.20	mg/Kg
98-82-8	Isopropylbenzene	7.20	UD	1.10	7.20	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	7.20	UD	1.70	7.20	mg/Kg
541-73-1	1,3-Dichlorobenzene	7.20	UD	2.50	7.20	mg/Kg
106-46-7	1,4-Dichlorobenzene	7.20	UD	2.30	7.20	mg/Kg
95-50-1	1,2-Dichlorobenzene	7.20	UD	2.10	7.20	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.20	UD	2.70	7.20	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	7.20	UD	4.30	7.20	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	7.20	UD	4.60	7.20	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.8		63 - 155	126%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		70 - 134	107%	SPK: 50
2037-26-5	Toluene-d8	52.6		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.7		17 - 146	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	5.562			
540-36-3	1,4-Difluorobenzene	429000	6.769			
3114-55-4	Chlorobenzene-d5	439000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	223000	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