

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	Secaucus HQ	Date Received:	09/24/25
Client Sample ID:	4135DL	SDG No.:	Q3188
Lab Sample ID:	Q3188-01DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	1.14 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VN087994.D	50	09/30/25 11:49	VN093025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	UD	25.0	110	mg/Kg
74-87-3	Chloromethane	110	UD	25.0	110	mg/Kg
75-01-4	Vinyl Chloride	110	UD	17.3	110	mg/Kg
74-83-9	Bromomethane	110	UD	23.5	110	mg/Kg
75-00-3	Chloroethane	110	UD	27.6	110	mg/Kg
75-69-4	Trichlorofluoromethane	110	UD	26.5	110	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	UD	23.2	110	mg/Kg
75-35-4	1,1-Dichloroethene	110	UD	21.9	110	mg/Kg
67-64-1	Acetone	548	UD	104	548	mg/Kg
75-15-0	Carbon Disulfide	110	UD	23.2	110	mg/Kg
1634-04-4	Methyl tert-butyl Ether	110	UD	16.0	110	mg/Kg
79-20-9	Methyl Acetate	110	UD	33.8	110	mg/Kg
75-09-2	Methylene Chloride	219	UD	77.4	219	mg/Kg
156-60-5	trans-1,2-Dichloroethene	110	UD	18.9	110	mg/Kg
75-34-3	1,1-Dichloroethane	110	UD	17.5	110	mg/Kg
110-82-7	Cyclohexane	110	UD	17.3	110	mg/Kg
78-93-3	2-Butanone	548	UD	143	548	mg/Kg
56-23-5	Carbon Tetrachloride	110	UD	21.3	110	mg/Kg
156-59-2	cis-1,2-Dichloroethene	110	UD	16.4	110	mg/Kg
74-97-5	Bromochloromethane	110	UD	25.2	110	mg/Kg
67-66-3	Chloroform	110	UD	18.4	110	mg/Kg
71-55-6	1,1,1-Trichloroethane	110	UD	20.4	110	mg/Kg
108-87-2	Methylcyclohexane	110	UD	20.0	110	mg/Kg
71-43-2	Benzene	110	UD	17.3	110	mg/Kg
107-06-2	1,2-Dichloroethane	110	UD	17.3	110	mg/Kg
79-01-6	Trichloroethene	110	UD	17.8	110	mg/Kg
78-87-5	1,2-Dichloropropane	110	UD	20.0	110	mg/Kg
75-27-4	Bromodichloromethane	110	UD	17.1	110	mg/Kg
108-10-1	4-Methyl-2-Pentanone	548	UD	78.5	548	mg/Kg
108-88-3	Toluene	855	D	17.1	110	mg/Kg

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10061-02-6	t-1,3-Dichloropropene	110	UD	14.3	110	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	110	UD	13.6	110	mg/Kg
79-00-5	1,1,2-Trichloroethane	110	UD	20.2	110	mg/Kg
591-78-6	2-Hexanone	548	UD	80.9	548	mg/Kg
124-48-1	Dibromochloromethane	110	UD	19.1	110	mg/Kg
106-93-4	1,2-Dibromoethane	110	UD	19.3	110	mg/Kg
127-18-4	Tetrachloroethene	110	UD	23.0	110	mg/Kg
108-90-7	Chlorobenzene	110	UD	20.0	110	mg/Kg
100-41-4	Ethyl Benzene	110	UD	14.7	110	mg/Kg
179601-23-1	m/p-Xylenes	70.0	JD	27.2	219	mg/Kg
95-47-6	o-Xylene	26.1	JD	18.0	110	mg/Kg
100-42-5	Styrene	110	UD	15.6	110	mg/Kg
75-25-2	Bromoform	110	UD	18.9	110	mg/Kg
98-82-8	Isopropylbenzene	110	UD	17.1	110	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	110	UD	26.5	110	mg/Kg
541-73-1	1,3-Dichlorobenzene	110	UD	37.5	110	mg/Kg
106-46-7	1,4-Dichlorobenzene	110	UD	34.2	110	mg/Kg
95-50-1	1,2-Dichlorobenzene	110	UD	31.8	110	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	110	UD	40.4	110	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	110	UD	65.1	110	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	110	UD	69.7	110	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.5		63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	49.1		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.7		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	8.212			
540-36-3	1,4-Difluorobenzene	385000	9.083			
3114-55-4	Chlorobenzene-d5	367000	11.847			
3855-82-1	1,4-Dichlorobenzene-d4	174000	13.771			

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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