284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25
Project:	PSEG Bergen Point	Date Received:	06/20/25
Client Sample ID:	TP-12-VOC	SDG No.:	Q2388
Lab Sample ID:	Q2388-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.2
Sample Wt/Vol:	5.14 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022764.D	1		06/20/25 14:58	VY062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0055	U	0.0012	0.0055	mg/Kg
74-87-3	Chloromethane	0.0055	U	0.0012	0.0055	mg/Kg
75-01-4	Vinyl Chloride	0.0055	U	0.00086	0.0055	mg/Kg
74-83-9	Bromomethane	0.0055	U	0.0012	0.0055	mg/Kg
75-00-3	Chloroethane	0.0055	U	0.0014	0.0055	mg/Kg
75-69-4	Trichlorofluoromethane	0.0055	U	0.0013	0.0055	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0055	U	0.0012	0.0055	mg/Kg
75-35-4	1,1-Dichloroethene	0.0055	U	0.0011	0.0055	mg/Kg
67-64-1	Acetone	0.027	U	0.0052	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0055	U	0.0012	0.0055	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0055	U	0.00080	0.0055	mg/Kg
79-20-9	Methyl Acetate	0.0055	U	0.0017	0.0055	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0038	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0055	U	0.00094	0.0055	mg/Kg
75-34-3	1,1-Dichloroethane	0.0055	U	0.00087	0.0055	mg/Kg
110-82-7	Cyclohexane	0.0055	U	0.00086	0.0055	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0071	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.0055	U	0.0011	0.0055	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0055	U	0.00082	0.0055	mg/Kg
74-97-5	Bromochloromethane	0.0055	U	0.0013	0.0055	mg/Kg
67-66-3	Chloroform	0.0055	U	0.00092	0.0055	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0055	U	0.0010	0.0055	mg/Kg
108-87-2	Methylcyclohexane	0.0013	J	0.00099	0.0055	mg/Kg
71-43-2	Benzene	0.0055	U	0.00086	0.0055	mg/Kg
107-06-2	1,2-Dichloroethane	0.0055	U	0.00086	0.0055	mg/Kg
79-01-6	Trichloroethene	0.0055	U	0.00088	0.0055	mg/Kg
78-87-5	1,2-Dichloropropane	0.0055	U	0.00099	0.0055	mg/Kg
75-27-4	Bromodichloromethane	0.0055	U	0.00085	0.0055	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.027	U	0.0039	0.027	mg/Kg
108-88-3	Toluene	0.0055	U	0.00085	0.0055	mg/Kg

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VY022764.D	1		06/20/25 14:58	VY062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.0055	U	0.00071	0.0055	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0055	U	0.00068	0.0055	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0055	U	0.0010	0.0055	mg/Kg
591-78-6	2-Hexanone	0.027	U	0.0040	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0055	U	0.00095	0.0055	mg/Kg
106-93-4	1,2-Dibromoethane	0.0055	U	0.00096	0.0055	mg/Kg
127-18-4	Tetrachloroethene	0.0055	U	0.0011	0.0055	mg/Kg
108-90-7	Chlorobenzene	0.0055	U	0.00099	0.0055	mg/Kg
100-41-4	Ethyl Benzene	0.0055	U	0.00073	0.0055	mg/Kg
179601-23-1	m/p-Xylenes	0.011	U	0.0014	0.011	mg/Kg
95-47-6	o-Xylene	0.0055	U	0.00089	0.0055	mg/Kg
100-42-5	Styrene	0.0055	U	0.00077	0.0055	mg/Kg
75-25-2	Bromoform	0.0055	U	0.00094	0.0055	mg/Kg
98-82-8	Isopropylbenzene	0.0055	U	0.00085	0.0055	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0055	U	0.0013	0.0055	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0055	U	0.0019	0.0055	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0055	U	0.0017	0.0055	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0055	U	0.0016	0.0055	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0055	U	0.0020	0.0055	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0055	U	0.0032	0.0055	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0055	U	0.0035	0.0055	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	50.8		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		17 - 146	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94800	7.707			
540-36-3	1,4-Difluorobenzene	182000	8.616			
3114-55-4	Chlorobenzene-d5	155000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	61300	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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VY022764.D	1		06/20/25 14:58	VY062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
135-98-8	sec-Butylbenzene	5.30	J		13.2	ug/Kg
104-51-8	n-Butylbenzene	5.50	J		13.6	ug/Kg
021170-08-1	1-Methylbicyclo[3.3.0]octane-3,7-d	53.3	J		14.2	ug/Kg
000934-10-1	3-Phenylbut-1-ene	53.2	J		14.6	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	81.2	J		14.6	ug/Kg
075163-97-2	Octadecane, 2,6-dimethyl-	64.7	J		15.1	ug/Kg
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	54.2	J		15.2	ug/Kg
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	71.0	J		15.4	ug/Kg
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	62.4	J		15.9	ug/Kg
031295-56-4	Dodecane, 2,6,11-trimethyl-	54.3	J		16.0	ug/Kg
013065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,	85.2	J		16.1	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	68.3	J		16.4	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