

Report of Analysis

Client: PSEG
Project: PSEG West End M&R (West End Gas Plant)
Client Sample ID: FILTER-COMP
Lab Sample ID: Q3536-01
Analytical Method: 8260D
Sample Wt/Vol: 3.15 g

Soil Aliquot Vol: 100 uL
Level: MED
Final Vol: 10000 uL

Date Collected: 11/04/25
Date Received: 11/04/25
SDG No.: Q3536
Matrix: SOIL
% Solid: 100
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.79	U	1	0.18	0.79	mg/Kg	11/06/25 19:39	VN110625
74-87-3	Chloromethane	0.79	U	1	0.18	0.79	mg/Kg	11/06/25 19:39	VN110625
75-01-4	Vinyl Chloride	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
74-83-9	Bromomethane	0.79	U	1	0.17	0.79	mg/Kg	11/06/25 19:39	VN110625
75-00-3	Chloroethane	0.79	U	1	0.20	0.79	mg/Kg	11/06/25 19:39	VN110625
75-69-4	Trichlorofluoromethane	0.79	U	1	0.19	0.79	mg/Kg	11/06/25 19:39	VN110625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.79	U	1	0.17	0.79	mg/Kg	11/06/25 19:39	VN110625
75-35-4	1,1-Dichloroethene	0.79	U	1	0.16	0.79	mg/Kg	11/06/25 19:39	VN110625
67-64-1	Acetone	4.00	U	1	0.75	4.00	mg/Kg	11/06/25 19:39	VN110625
75-15-0	Carbon Disulfide	0.36	J	1	0.17	0.79	mg/Kg	11/06/25 19:39	VN110625
1634-04-4	Methyl tert-butyl Ether	0.79	U	1	0.12	0.79	mg/Kg	11/06/25 19:39	VN110625
79-20-9	Methyl Acetate	0.61	J	1	0.24	0.79	mg/Kg	11/06/25 19:39	VN110625
75-09-2	Methylene Chloride	1.60	U	1	0.56	1.60	mg/Kg	11/06/25 19:39	VN110625
156-60-5	trans-1,2-Dichloroethene	0.79	U	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625
75-34-3	1,1-Dichloroethane	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
110-82-7	Cyclohexane	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
78-93-3	2-Butanone	4.00	U	1	1.00	4.00	mg/Kg	11/06/25 19:39	VN110625
56-23-5	Carbon Tetrachloride	0.79	U	1	0.15	0.79	mg/Kg	11/06/25 19:39	VN110625
156-59-2	cis-1,2-Dichloroethene	0.79	U	1	0.12	0.79	mg/Kg	11/06/25 19:39	VN110625
74-97-5	Bromochloromethane	0.79	U	1	0.18	0.79	mg/Kg	11/06/25 19:39	VN110625
67-66-3	Chloroform	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
71-55-6	1,1,1-Trichloroethane	0.79	U	1	0.15	0.79	mg/Kg	11/06/25 19:39	VN110625
108-87-2	Methylcyclohexane	0.41	J	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625
71-43-2	Benzene	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
107-06-2	1,2-Dichloroethane	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
79-01-6	Trichloroethene	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
78-87-5	1,2-Dichloropropane	0.79	U	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625
75-27-4	Bromodichloromethane	0.79	U	1	0.12	0.79	mg/Kg	11/06/25 19:39	VN110625
108-10-1	4-Methyl-2-Pentanone	4.00	U	1	0.57	4.00	mg/Kg	11/06/25 19:39	VN110625
108-88-3	Toluene	0.25	J	1	0.12	0.79	mg/Kg	11/06/25 19:39	VN110625
10061-02-6	t-1,3-Dichloropropene	0.79	U	1	0.10	0.79	mg/Kg	11/06/25 19:39	VN110625
10061-01-5	cis-1,3-Dichloropropene	0.79	U	1	0.098	0.79	mg/Kg	11/06/25 19:39	VN110625
79-00-5	1,1,2-Trichloroethane	0.79	U	1	0.15	0.79	mg/Kg	11/06/25 19:39	VN110625
591-78-6	2-Hexanone	4.00	U	1	0.59	4.00	mg/Kg	11/06/25 19:39	VN110625
124-48-1	Dibromochloromethane	0.79	U	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625
106-93-4	1,2-Dibromoethane	0.79	U	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625
127-18-4	Tetrachloroethene	0.79	U	1	0.17	0.79	mg/Kg	11/06/25 19:39	VN110625
108-90-7	Chlorobenzene	0.79	U	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625
100-41-4	Ethyl Benzene	0.79	U	1	0.11	0.79	mg/Kg	11/06/25 19:39	VN110625
179601-23-1	m/p-Xylenes	0.37	J	1	0.20	1.60	mg/Kg	11/06/25 19:39	VN110625
95-47-6	o-Xylene	0.79	U	1	0.13	0.79	mg/Kg	11/06/25 19:39	VN110625
100-42-5	Styrene	0.79	U	1	0.11	0.79	mg/Kg	11/06/25 19:39	VN110625
75-25-2	Bromoform	0.79	U	1	0.14	0.79	mg/Kg	11/06/25 19:39	VN110625

Report of Analysis

Client:	PSEG	Date Collected:	11/04/25
Project:	PSEG West End M&R (West End Gas Plant)	Date Received:	11/04/25
Client Sample ID:	FILTER-COMP	SDG No.:	Q3536
Lab Sample ID:	Q3536-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	3.15 g	Test:	VOC-TCLVOA-10
	Soil Aliquot Vol: 100 uL		
	Level: MED		
	Final Vol: 10000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.79	U	1	0.12	0.79	mg/Kg	11/06/25 19:39	VN110625
79-34-5	1,1,2,2-Tetrachloroethane	0.79	U	1	0.19	0.79	mg/Kg	11/06/25 19:39	VN110625
541-73-1	1,3-Dichlorobenzene	0.79	U	1	0.27	0.79	mg/Kg	11/06/25 19:39	VN110625
106-46-7	1,4-Dichlorobenzene	0.79	U	1	0.25	0.79	mg/Kg	11/06/25 19:39	VN110625
95-50-1	1,2-Dichlorobenzene	0.79	U	1	0.23	0.79	mg/Kg	11/06/25 19:39	VN110625
96-12-8	1,2-Dibromo-3-Chloropropane	0.79	U	1	0.29	0.79	mg/Kg	11/06/25 19:39	VN110625
120-82-1	1,2,4-Trichlorobenzene	0.79	U	1	0.47	0.79	mg/Kg	11/06/25 19:39	VN110625
87-61-6	1,2,3-Trichlorobenzene	0.79	U	1	0.50	0.79	mg/Kg	11/06/25 19:39	VN110625

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.2			63 - 155	116%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6			70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	49.3			74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6			17 - 146	97%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	217000
540-36-3	1,4-Difluorobenzene	479000
3114-55-4	Chlorobenzene-d5	438000
3855-82-1	1,4-Dichlorobenzene-d4	204000

TENTATIVE IDENTIFIED COMPOUNDS

108-67-8	1,3,5-Trimethylbenzene	240	J	13.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	440	J	13.5	ug/Kg
001120-21-4	Undecane	8300	J	14.1	ug/Kg
000112-40-3	Dodecane	14200	J	14.9	ug/Kg
000629-50-5	Tridecane	21300	J	15.8	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