

Report of Analysis

Client: PSEG
Project: Orange Gas and Appliance Service (EO)
Client Sample ID: EO-2-112525
Lab Sample ID: Q3721-01
Analytical Method: 8260D
Sample Wt/Vol: 7.46 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/26/25
Date Received: 11/25/25
SDG No.: Q3721
Matrix: SOIL
% Solid: 91.7
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.00083	U	1	0.00083	0.0037	mg/Kg	11/26/25 13:44	VY112625
74-87-3	Chloromethane	0.00083	U	1	0.00083	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-01-4	Vinyl Chloride	0.00058	U	1	0.00058	0.0037	mg/Kg	11/26/25 13:44	VY112625
74-83-9	Bromomethane	0.00078	U	1	0.00078	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-00-3	Chloroethane	0.00092	U	1	0.00092	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-69-4	Trichlorofluoromethane	0.00088	U	1	0.00088	0.0037	mg/Kg	11/26/25 13:44	VY112625
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00077	U	1	0.00077	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-35-4	1,1-Dichloroethene	0.00073	U	1	0.00073	0.0037	mg/Kg	11/26/25 13:44	VY112625
67-64-1	Acetone	0.0035	U	1	0.0035	0.018	mg/Kg	11/26/25 13:44	VY112625
75-15-0	Carbon Disulfide	0.00077	U	1	0.00077	0.0037	mg/Kg	11/26/25 13:44	VY112625
1634-04-4	Methyl tert-butyl Ether	0.00053	U	1	0.00053	0.0037	mg/Kg	11/26/25 13:44	VY112625
79-20-9	Methyl Acetate	0.0011	U	1	0.0011	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-09-2	Methylene Chloride	0.0026	U	1	0.0026	0.0073	mg/Kg	11/26/25 13:44	VY112625
156-60-5	trans-1,2-Dichloroethene	0.00063	U	1	0.00063	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-34-3	1,1-Dichloroethane	0.00058	U	1	0.00058	0.0037	mg/Kg	11/26/25 13:44	VY112625
110-82-7	Cyclohexane	0.00058	U	1	0.00058	0.0037	mg/Kg	11/26/25 13:44	VY112625
78-93-3	2-Butanone	0.0048	U	1	0.0048	0.018	mg/Kg	11/26/25 13:44	VY112625
56-23-5	Carbon Tetrachloride	0.00071	U	1	0.00071	0.0037	mg/Kg	11/26/25 13:44	VY112625
156-59-2	cis-1,2-Dichloroethene	0.00055	U	1	0.00055	0.0037	mg/Kg	11/26/25 13:44	VY112625
74-97-5	Bromochloromethane	0.00084	U	1	0.00084	0.0037	mg/Kg	11/26/25 13:44	VY112625
67-66-3	Chloroform	0.00061	U	1	0.00061	0.0037	mg/Kg	11/26/25 13:44	VY112625
71-55-6	1,1,1-Trichloroethane	0.00068	U	1	0.00068	0.0037	mg/Kg	11/26/25 13:44	VY112625
108-87-2	Methylcyclohexane	0.00067	U	1	0.00067	0.0037	mg/Kg	11/26/25 13:44	VY112625
71-43-2	Benzene	0.00058	U	1	0.00058	0.0037	mg/Kg	11/26/25 13:44	VY112625
107-06-2	1,2-Dichloroethane	0.00058	U	1	0.00058	0.0037	mg/Kg	11/26/25 13:44	VY112625
79-01-6	Trichloroethene	0.00059	U	1	0.00059	0.0037	mg/Kg	11/26/25 13:44	VY112625
78-87-5	1,2-Dichloropropane	0.00067	U	1	0.00067	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-27-4	Bromodichloromethane	0.00057	U	1	0.00057	0.0037	mg/Kg	11/26/25 13:44	VY112625
108-10-1	4-Methyl-2-Pentanone	0.0026	U	1	0.0026	0.018	mg/Kg	11/26/25 13:44	VY112625
108-88-3	Toluene	0.00057	U	1	0.00057	0.0037	mg/Kg	11/26/25 13:44	VY112625
10061-02-6	t-1,3-Dichloropropene	0.00048	U	1	0.00048	0.0037	mg/Kg	11/26/25 13:44	VY112625
10061-01-5	cis-1,3-Dichloropropene	0.00045	U	1	0.00045	0.0037	mg/Kg	11/26/25 13:44	VY112625
79-00-5	1,1,2-Trichloroethane	0.00067	U	1	0.00067	0.0037	mg/Kg	11/26/25 13:44	VY112625
591-78-6	2-Hexanone	0.0027	U	1	0.0027	0.018	mg/Kg	11/26/25 13:44	VY112625
124-48-1	Dibromochloromethane	0.00064	U	1	0.00064	0.0037	mg/Kg	11/26/25 13:44	VY112625
106-93-4	1,2-Dibromoethane	0.00064	U	1	0.00064	0.0037	mg/Kg	11/26/25 13:44	VY112625
127-18-4	Tetrachloroethene	0.00077	U	1	0.00077	0.0037	mg/Kg	11/26/25 13:44	VY112625
108-90-7	Chlorobenzene	0.00067	U	1	0.00067	0.0037	mg/Kg	11/26/25 13:44	VY112625
100-41-4	Ethyl Benzene	0.00074	J	1	0.00049	0.0037	mg/Kg	11/26/25 13:44	VY112625
179601-23-1	m/p-Xylenes	0.00099	J	1	0.00091	0.0073	mg/Kg	11/26/25 13:44	VY112625
95-47-6	o-Xylene	0.0069		1	0.00060	0.0037	mg/Kg	11/26/25 13:44	VY112625
100-42-5	Styrene	0.00052	U	1	0.00052	0.0037	mg/Kg	11/26/25 13:44	VY112625
75-25-2	Bromoform	0.00063	U	1	0.00063	0.0037	mg/Kg	11/26/25 13:44	VY112625

Report of Analysis

Client:	PSEG	Date Collected:	11/26/25
Project:	Orange Gas and Appliance Service (EO)	Date Received:	11/25/25
Client Sample ID:	EO-2-112525	SDG No.:	Q3721
Lab Sample ID:	Q3721-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.7
Sample Wt/Vol:	7.46 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.00057	U	1	0.00057	0.0037	mg/Kg	11/26/25 13:44	VY112625
79-34-5	1,1,2,2-Tetrachloroethane	0.00088	U	1	0.00088	0.0037	mg/Kg	11/26/25 13:44	VY112625
541-73-1	1,3-Dichlorobenzene	0.0012	U	1	0.0012	0.0037	mg/Kg	11/26/25 13:44	VY112625
106-46-7	1,4-Dichlorobenzene	0.0011	U	1	0.0011	0.0037	mg/Kg	11/26/25 13:44	VY112625
95-50-1	1,2-Dichlorobenzene	0.0011	U	1	0.0011	0.0037	mg/Kg	11/26/25 13:44	VY112625
96-12-8	1,2-Dibromo-3-Chloropropane	0.0013	U	1	0.0013	0.0037	mg/Kg	11/26/25 13:44	VY112625
120-82-1	1,2,4-Trichlorobenzene	0.0022	U	1	0.0022	0.0037	mg/Kg	11/26/25 13:44	VY112625
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	1	0.0023	0.0037	mg/Kg	11/26/25 13:44	VY112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.1			63 - 155	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.4			70 - 134	107%	SPK: 50		
2037-26-5	Toluene-d8	49.9			74 - 123	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.1			52 - 138	88%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	686000							
540-36-3	1,4-Difluorobenzene	1280000							
3114-55-4	Chlorobenzene-d5	1060000							
3855-82-1	1,4-Dichlorobenzene-d4	380000							
TENTATIVE IDENTIFIED COMPOUNDS									
103-65-1	n-propylbenzene	2.10	J			12.6	ug/Kg		
108-67-8	1,3,5-Trimethylbenzene	24.7	J			12.7	ug/Kg		
95-63-6	1,2,4-Trimethylbenzene	8.70	J			13.0	ug/Kg		
135-98-8	sec-Butylbenzene	4.00	J			13.2	ug/Kg		
000527-84-4	o-Cymene	33.7	J			13.2	ug/Kg		
99-87-6	p-Isopropyltoluene	6.20	J			13.3	ug/Kg		
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	46.8	J			13.6	ug/Kg		
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	43.6	J			13.9	ug/Kg		
000824-90-8	1-Phenyl-1-butene	45.8	J			14.0	ug/Kg		
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	34.4	J			14.2	ug/Kg		
000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	44.6	J			14.7	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