

Report of Analysis

Client: PSEG
Project: Summit Gas and Appliance Service (SU)
Client Sample ID: SU-03-11142025
Lab Sample ID: Q3646-01
Analytical Method: 8260D
Sample Wt/Vol: 6.7 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/14/25
Date Received: 11/14/25
SDG No.: Q3646
Matrix: SOIL
% Solid: 90.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.00094	U	1	0.00094	0.0041	mg/Kg	11/17/25 16:23	VW111725
74-87-3	Chloromethane	0.00094	U	1	0.00094	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-01-4	Vinyl Chloride	0.00065	U	1	0.00065	0.0041	mg/Kg	11/17/25 16:23	VW111725
74-83-9	Bromomethane	0.00088	U	1	0.00088	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-00-3	Chloroethane	0.0010	U	1	0.0010	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-69-4	Trichlorofluoromethane	0.0010	U	1	0.0010	0.0041	mg/Kg	11/17/25 16:23	VW111725
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00088	U	1	0.00088	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-35-4	1,1-Dichloroethene	0.00083	U	1	0.00083	0.0041	mg/Kg	11/17/25 16:23	VW111725
67-64-1	Acetone	0.0039	U	1	0.0039	0.021	mg/Kg	11/17/25 16:23	VW111725
75-15-0	Carbon Disulfide	0.00088	U	1	0.00088	0.0041	mg/Kg	11/17/25 16:23	VW111725
1634-04-4	Methyl tert-butyl Ether	0.00060	U	1	0.00060	0.0041	mg/Kg	11/17/25 16:23	VW111725
79-20-9	Methyl Acetate	0.0013	U	1	0.0013	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-09-2	Methylene Chloride	0.0029	U	1	0.0029	0.0083	mg/Kg	11/17/25 16:23	VW111725
156-60-5	trans-1,2-Dichloroethene	0.00071	U	1	0.00071	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-34-3	1,1-Dichloroethane	0.00066	U	1	0.00066	0.0041	mg/Kg	11/17/25 16:23	VW111725
110-82-7	Cyclohexane	0.00065	U	1	0.00065	0.0041	mg/Kg	11/17/25 16:23	VW111725
78-93-3	2-Butanone	0.0054	U	1	0.0054	0.021	mg/Kg	11/17/25 16:23	VW111725
56-23-5	Carbon Tetrachloride	0.00080	U	1	0.00080	0.0041	mg/Kg	11/17/25 16:23	VW111725
156-59-2	cis-1,2-Dichloroethene	0.00062	U	1	0.00062	0.0041	mg/Kg	11/17/25 16:23	VW111725
74-97-5	Bromochloromethane	0.00095	U	1	0.00095	0.0041	mg/Kg	11/17/25 16:23	VW111725
67-66-3	Chloroform	0.00069	U	1	0.00069	0.0041	mg/Kg	11/17/25 16:23	VW111725
71-55-6	1,1,1-Trichloroethane	0.00077	U	1	0.00077	0.0041	mg/Kg	11/17/25 16:23	VW111725
108-87-2	Methylcyclohexane	0.00075	U	1	0.00075	0.0041	mg/Kg	11/17/25 16:23	VW111725
71-43-2	Benzene	0.00065	U	1	0.00065	0.0041	mg/Kg	11/17/25 16:23	VW111725
107-06-2	1,2-Dichloroethane	0.00065	U	1	0.00065	0.0041	mg/Kg	11/17/25 16:23	VW111725
79-01-6	Trichloroethene	0.00067	U	1	0.00067	0.0041	mg/Kg	11/17/25 16:23	VW111725
78-87-5	1,2-Dichloropropane	0.00075	U	1	0.00075	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-27-4	Bromodichloromethane	0.00064	U	1	0.00064	0.0041	mg/Kg	11/17/25 16:23	VW111725
108-10-1	4-Methyl-2-Pentanone	0.0030	U	1	0.0030	0.021	mg/Kg	11/17/25 16:23	VW111725
108-88-3	Toluene	0.00064	U	1	0.00064	0.0041	mg/Kg	11/17/25 16:23	VW111725
10061-02-6	t-1,3-Dichloropropene	0.00054	U	1	0.00054	0.0041	mg/Kg	11/17/25 16:23	VW111725
10061-01-5	cis-1,3-Dichloropropene	0.00051	U	1	0.00051	0.0041	mg/Kg	11/17/25 16:23	VW111725
79-00-5	1,1,2-Trichloroethane	0.00076	U	1	0.00076	0.0041	mg/Kg	11/17/25 16:23	VW111725
591-78-6	2-Hexanone	0.0030	U	1	0.0030	0.021	mg/Kg	11/17/25 16:23	VW111725
124-48-1	Dibromochloromethane	0.00072	U	1	0.00072	0.0041	mg/Kg	11/17/25 16:23	VW111725
106-93-4	1,2-Dibromoethane	0.00073	U	1	0.00073	0.0041	mg/Kg	11/17/25 16:23	VW111725
127-18-4	Tetrachloroethene	0.00087	U	1	0.00087	0.0041	mg/Kg	11/17/25 16:23	VW111725
108-90-7	Chlorobenzene	0.00075	U	1	0.00075	0.0041	mg/Kg	11/17/25 16:23	VW111725
100-41-4	Ethyl Benzene	0.00055	U	1	0.00055	0.0041	mg/Kg	11/17/25 16:23	VW111725
179601-23-1	m/p-Xylenes	0.0010	U	1	0.0010	0.0083	mg/Kg	11/17/25 16:23	VW111725
95-47-6	o-Xylene	0.00068	U	1	0.00068	0.0041	mg/Kg	11/17/25 16:23	VW111725
100-42-5	Styrene	0.00059	U	1	0.00059	0.0041	mg/Kg	11/17/25 16:23	VW111725
75-25-2	Bromoform	0.00071	U	1	0.00071	0.0041	mg/Kg	11/17/25 16:23	VW111725

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.00064	U	1	0.00064	0.0041	mg/Kg	11/17/25 16:23	VW111725
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	1	0.0010	0.0041	mg/Kg	11/17/25 16:23	VW111725
541-73-1	1,3-Dichlorobenzene	0.0014	U	1	0.0014	0.0041	mg/Kg	11/17/25 16:23	VW111725
106-46-7	1,4-Dichlorobenzene	0.0013	U	1	0.0013	0.0041	mg/Kg	11/17/25 16:23	VW111725
95-50-1	1,2-Dichlorobenzene	0.0012	U	1	0.0012	0.0041	mg/Kg	11/17/25 16:23	VW111725
96-12-8	1,2-Dibromo-3-Chloropropane	0.0015	U	1	0.0015	0.0041	mg/Kg	11/17/25 16:23	VW111725
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	1	0.0025	0.0041	mg/Kg	11/17/25 16:23	VW111725
87-61-6	1,2,3-Trichlorobenzene	0.0026	U	1	0.0026	0.0041	mg/Kg	11/17/25 16:23	VW111725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	69.3			63 - 155	139%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.9			70 - 134	108%	SPK: 50		
2037-26-5	Toluene-d8	48.0			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.7			52 - 138	105%	SPK: 50		
INTERNAL STANDARDS									
363-72-4	Pentafluorobenzene	197000							
540-36-3	1,4-Difluorobenzene	491000							
3114-55-4	Chlorobenzene-d5	516000							
3855-82-1	1,4-Dichlorobenzene-d4	241000							
TENTATIVE IDENTIFIED COMPOUNDS									
108-67-8	1,3,5-Trimethylbenzene	4.00	J			12.9	ug/Kg		
99-87-6	p-Isopropyltoluene	1.30	J			13.5	ug/Kg		
001120-21-4	Undecane	36.5	J			13.9	ug/Kg		
000629-50-5	Tridecane	36.5	J			15.5	ug/Kg		
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	21.2	J			16.2	ug/Kg		
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	18.0	J			16.4	ug/Kg		
000629-59-4	Tetradecane	21.2	J			16.5	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