

Report of Analysis

Client: PSEG
Project: Harding Gas and Appliance Service (HD)
Client Sample ID: HD-02-121225RE
Lab Sample ID: Q3859-01RE
Analytical Method: 8260D
Sample Wt/Vol: 6.63 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 12/12/25
Date Received: 12/12/25
SDG No.: Q3859
Matrix: SOIL
% Solid: 84
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.0010	U	1	0.0010	0.0045	mg/Kg	12/15/25 13:50	VY121525
74-87-3	Chloromethane	0.0010	U	1	0.0010	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-01-4	Vinyl Chloride	0.00071	U	1	0.00071	0.0045	mg/Kg	12/15/25 13:50	VY121525
74-83-9	Bromomethane	0.00096	U	1	0.00096	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-00-3	Chloroethane	0.0011	U	1	0.0011	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-69-4	Trichlorofluoromethane	0.0011	U	1	0.0011	0.0045	mg/Kg	12/15/25 13:50	VY121525
76-13-1	1,1,2-Trichlorotrifluoroethane	0.00095	U	1	0.00095	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-35-4	1,1-Dichloroethene	0.00090	U	1	0.00090	0.0045	mg/Kg	12/15/25 13:50	VY121525
67-64-1	Acetone	0.0043	U	1	0.0043	0.022	mg/Kg	12/15/25 13:50	VY121525
75-15-0	Carbon Disulfide	0.00095	U	1	0.00095	0.0045	mg/Kg	12/15/25 13:50	VY121525
1634-04-4	Methyl tert-butyl Ether	0.00066	U	1	0.00066	0.0045	mg/Kg	12/15/25 13:50	VY121525
79-20-9	Methyl Acetate	0.0014	U	1	0.0014	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-09-2	Methylene Chloride	0.0032	U	1	0.0032	0.0090	mg/Kg	12/15/25 13:50	VY121525
156-60-5	trans-1,2-Dichloroethene	0.00077	U	1	0.00077	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-34-3	1,1-Dichloroethane	0.00072	U	1	0.00072	0.0045	mg/Kg	12/15/25 13:50	VY121525
110-82-7	Cyclohexane	0.00071	U	1	0.00071	0.0045	mg/Kg	12/15/25 13:50	VY121525
78-93-3	2-Butanone	0.0059	U	1	0.0059	0.022	mg/Kg	12/15/25 13:50	VY121525
56-23-5	Carbon Tetrachloride	0.00087	U	1	0.00087	0.0045	mg/Kg	12/15/25 13:50	VY121525
156-59-2	cis-1,2-Dichloroethene	0.00067	U	1	0.00067	0.0045	mg/Kg	12/15/25 13:50	VY121525
74-97-5	Bromochloromethane	0.0010	U	1	0.0010	0.0045	mg/Kg	12/15/25 13:50	VY121525
67-66-3	Chloroform	0.00075	U	1	0.00075	0.0045	mg/Kg	12/15/25 13:50	VY121525
71-55-6	1,1,1-Trichloroethane	0.00083	U	1	0.00083	0.0045	mg/Kg	12/15/25 13:50	VY121525
108-87-2	Methylcyclohexane	0.00082	U	1	0.00082	0.0045	mg/Kg	12/15/25 13:50	VY121525
71-43-2	Benzene	0.00071	U	1	0.00071	0.0045	mg/Kg	12/15/25 13:50	VY121525
107-06-2	1,2-Dichloroethane	0.00071	U	1	0.00071	0.0045	mg/Kg	12/15/25 13:50	VY121525
79-01-6	Trichloroethene	0.00073	U	1	0.00073	0.0045	mg/Kg	12/15/25 13:50	VY121525
78-87-5	1,2-Dichloropropane	0.00082	U	1	0.00082	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-27-4	Bromodichloromethane	0.00070	U	1	0.00070	0.0045	mg/Kg	12/15/25 13:50	VY121525
108-10-1	4-Methyl-2-Pentanone	0.0032	U	1	0.0032	0.022	mg/Kg	12/15/25 13:50	VY121525
108-88-3	Toluene	0.00070	U	1	0.00070	0.0045	mg/Kg	12/15/25 13:50	VY121525
10061-02-6	t-1,3-Dichloropropene	0.00058	U	1	0.00058	0.0045	mg/Kg	12/15/25 13:50	VY121525
10061-01-5	cis-1,3-Dichloropropene	0.00056	U	1	0.00056	0.0045	mg/Kg	12/15/25 13:50	VY121525
79-00-5	1,1,2-Trichloroethane	0.00083	U	1	0.00083	0.0045	mg/Kg	12/15/25 13:50	VY121525
591-78-6	2-Hexanone	0.0033	U	1	0.0033	0.022	mg/Kg	12/15/25 13:50	VY121525
124-48-1	Dibromochloromethane	0.00078	U	1	0.00078	0.0045	mg/Kg	12/15/25 13:50	VY121525
106-93-4	1,2-Dibromoethane	0.00079	U	1	0.00079	0.0045	mg/Kg	12/15/25 13:50	VY121525
127-18-4	Tetrachloroethene	0.00094	U	1	0.00094	0.0045	mg/Kg	12/15/25 13:50	VY121525
108-90-7	Chlorobenzene	0.00082	U	1	0.00082	0.0045	mg/Kg	12/15/25 13:50	VY121525
100-41-4	Ethyl Benzene	0.00060	U	1	0.00060	0.0045	mg/Kg	12/15/25 13:50	VY121525
179601-23-1	m/p-Xylenes	0.0011	U	1	0.0011	0.0090	mg/Kg	12/15/25 13:50	VY121525
95-47-6	o-Xylene	0.00074	U	1	0.00074	0.0045	mg/Kg	12/15/25 13:50	VY121525
100-42-5	Styrene	0.00064	U	1	0.00064	0.0045	mg/Kg	12/15/25 13:50	VY121525
75-25-2	Bromoform	0.00077	U	1	0.00077	0.0045	mg/Kg	12/15/25 13:50	VY121525

Report of Analysis

Client:	PSEG	Date Collected:	12/12/25
Project:	Harding Gas and Appliance Service (HD)	Date Received:	12/12/25
Client Sample ID:	HD-02-121225RE	SDG No.:	Q3859
Lab Sample ID:	Q3859-01RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84
Sample Wt/Vol:	6.63 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	0.00070	U	1	0.00070	0.0045	mg/Kg	12/15/25 13:50	VY121525
79-34-5	1,1,2,2-Tetrachloroethane	0.0011	U	1	0.0011	0.0045	mg/Kg	12/15/25 13:50	VY121525
541-73-1	1,3-Dichlorobenzene	0.0015	U	1	0.0015	0.0045	mg/Kg	12/15/25 13:50	VY121525
106-46-7	1,4-Dichlorobenzene	0.0014	U	1	0.0014	0.0045	mg/Kg	12/15/25 13:50	VY121525
95-50-1	1,2-Dichlorobenzene	0.0013	U	1	0.0013	0.0045	mg/Kg	12/15/25 13:50	VY121525
96-12-8	1,2-Dibromo-3-Chloropropane	0.0017	U	1	0.0017	0.0045	mg/Kg	12/15/25 13:50	VY121525
120-82-1	1,2,4-Trichlorobenzene	0.0027	U	1	0.0027	0.0045	mg/Kg	12/15/25 13:50	VY121525
87-61-6	1,2,3-Trichlorobenzene	0.0029	U	1	0.0029	0.0045	mg/Kg	12/15/25 13:50	VY121525
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.2			63 - 155	92%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.1			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	44.0			74 - 123	88%	SPK: 50		
460-00-4	4-Bromofluorobenzene	25.7	*		52 - 138	51%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	45300							
540-36-3	1,4-Difluorobenzene	58800							
3114-55-4	Chlorobenzene-d5	43900							
3855-82-1	1,4-Dichlorobenzene-d4	9020							

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