

Report of Analysis

Client: PSEG
Project: Summit Gas and Appliance Service (SU)
Client Sample ID: SU-04-103125DL
Lab Sample ID: Q3515-01DL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/03/25

Date Collected: 10/31/25
Date Received: 10/31/25
SDG No.: Q3515
Matrix: SOIL
% Solid: 84.5
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	0.44	UD	4	0.44	0.94	mg/Kg	11/04/25 16:34	PB170372
108-95-2	Phenol	0.063	UD	4	0.063	0.48	mg/Kg	11/04/25 16:34	PB170372
111-44-4	bis(2-Chloroethyl)ether	0.069	UD	4	0.069	0.48	mg/Kg	11/04/25 16:34	PB170372
95-57-8	2-Chlorophenol	0.069	UD	4	0.069	0.48	mg/Kg	11/04/25 16:34	PB170372
95-48-7	2-Methylphenol	0.085	UD	4	0.085	0.48	mg/Kg	11/04/25 16:34	PB170372
108-60-1	2,2-oxybis(1-Chloropropane)	0.11	UD	4	0.11	0.48	mg/Kg	11/04/25 16:34	PB170372
98-86-2	Acetophenone	0.084	UD	4	0.084	0.48	mg/Kg	11/04/25 16:34	PB170372
65794-96-9	3+4-Methylphenols	0.12	UD	4	0.12	0.94	mg/Kg	11/04/25 16:34	PB170372
621-64-7	n-Nitroso-di-n-propylamine	0.13	UD	4	0.13	0.23	mg/Kg	11/04/25 16:34	PB170372
67-72-1	Hexachloroethane	0.050	UD	4	0.050	0.48	mg/Kg	11/04/25 16:34	PB170372
98-95-3	Nitrobenzene	0.052	UD	4	0.052	0.48	mg/Kg	11/04/25 16:34	PB170372
78-59-1	Isophorone	0.093	UD	4	0.093	0.48	mg/Kg	11/04/25 16:34	PB170372
88-75-5	2-Nitrophenol	0.17	UD	4	0.17	0.48	mg/Kg	11/04/25 16:34	PB170372
105-67-9	2,4-Dimethylphenol	0.18	UD	4	0.18	0.48	mg/Kg	11/04/25 16:34	PB170372
111-91-1	bis(2-Chloroethoxy)methane	0.087	UD	4	0.087	0.48	mg/Kg	11/04/25 16:34	PB170372
120-83-2	2,4-Dichlorophenol	0.080	UD	4	0.080	0.48	mg/Kg	11/04/25 16:34	PB170372
91-20-3	Naphthalene	0.60	D	4	0.064	0.48	mg/Kg	11/04/25 16:34	PB170372
106-47-8	4-Chloroaniline	0.10	UD	4	0.10	0.48	mg/Kg	11/04/25 16:34	PB170372
87-68-3	Hexachlorobutadiene	0.072	UD	4	0.072	0.48	mg/Kg	11/04/25 16:34	PB170372
105-60-2	Caprolactam	0.15	UD	4	0.15	0.94	mg/Kg	11/04/25 16:34	PB170372
59-50-7	4-Chloro-3-methylphenol	0.081	UD	4	0.081	0.48	mg/Kg	11/04/25 16:34	PB170372
91-57-6	2-Methylnaphthalene	1.30	D	4	0.073	0.48	mg/Kg	11/04/25 16:34	PB170372
77-47-4	Hexachlorocyclopentadiene	0.33	UD	4	0.33	0.94	mg/Kg	11/04/25 16:34	PB170372
88-06-2	2,4,6-Trichlorophenol	0.056	UD	4	0.056	0.48	mg/Kg	11/04/25 16:34	PB170372
95-95-4	2,4,5-Trichlorophenol	0.083	UD	4	0.083	0.48	mg/Kg	11/04/25 16:34	PB170372
92-52-4	1,1-Biphenyl	0.062	UD	4	0.062	0.48	mg/Kg	11/04/25 16:34	PB170372
91-58-7	2-Chloronaphthalene	0.064	UD	4	0.064	0.48	mg/Kg	11/04/25 16:34	PB170372
88-74-4	2-Nitroaniline	0.14	UD	4	0.14	0.48	mg/Kg	11/04/25 16:34	PB170372
131-11-3	Dimethylphthalate	0.077	UD	4	0.077	0.48	mg/Kg	11/04/25 16:34	PB170372
208-96-8	Acenaphthylene	0.95	D	4	0.082	0.48	mg/Kg	11/04/25 16:34	PB170372
606-20-2	2,6-Dinitrotoluene	0.095	UD	4	0.095	0.48	mg/Kg	11/04/25 16:34	PB170372
99-09-2	3-Nitroaniline	0.13	UD	4	0.13	0.48	mg/Kg	11/04/25 16:34	PB170372
83-32-9	Acenaphthene	0.48	D	4	0.060	0.48	mg/Kg	11/04/25 16:34	PB170372
51-28-5	2,4-Dinitrophenol	0.65	UD	4	0.65	0.94	mg/Kg	11/04/25 16:34	PB170372
100-02-7	4-Nitrophenol	0.30	UD	4	0.30	0.94	mg/Kg	11/04/25 16:34	PB170372
132-64-9	Dibenzofuran	0.56	D	4	0.064	0.48	mg/Kg	11/04/25 16:34	PB170372
121-14-2	2,4-Dinitrotoluene	0.14	UD	4	0.14	0.48	mg/Kg	11/04/25 16:34	PB170372
84-66-2	Diethylphthalate	0.080	UD	4	0.080	0.48	mg/Kg	11/04/25 16:34	PB170372
7005-72-3	4-Chlorophenyl-phenylether	0.076	UD	4	0.076	0.48	mg/Kg	11/04/25 16:34	PB170372
86-73-7	Fluorene	1.80	D	4	0.072	0.48	mg/Kg	11/04/25 16:34	PB170372
100-01-6	4-Nitroaniline	0.18	UD	4	0.18	0.48	mg/Kg	11/04/25 16:34	PB170372
534-52-1	4,6-Dinitro-2-methylphenol	0.29	UD	4	0.29	0.94	mg/Kg	11/04/25 16:34	PB170372

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Lab Sample ID: Q3515-01DL
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Prep Method : SW3541 Prep Date: 11/03/25

Date Collected: 10/31/25
Date Received: 10/31/25
SDG No.: Q3515
Matrix: SOIL
% Solid: 84.5
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.093	UD	4	0.093	0.48	mg/Kg	11/04/25 16:34	PB170372
101-55-3	4-Bromophenyl-phenylether	0.079	UD	4	0.079	0.48	mg/Kg	11/04/25 16:34	PB170372
118-74-1	Hexachlorobenzene	0.072	UD	4	0.072	0.48	mg/Kg	11/04/25 16:34	PB170372
1912-24-9	Atrazine	0.096	UD	4	0.096	0.48	mg/Kg	11/04/25 16:34	PB170372
87-86-5	Pentachlorophenol	0.15	UD	4	0.15	0.94	mg/Kg	11/04/25 16:34	PB170372
85-01-8	Phenanthrene	6.30	D	4	0.059	0.48	mg/Kg	11/04/25 16:34	PB170372
120-12-7	Anthracene	1.50	D	4	0.094	0.48	mg/Kg	11/04/25 16:34	PB170372
86-74-8	Carbazole	0.25	JD	4	0.089	0.48	mg/Kg	11/04/25 16:34	PB170372
84-74-2	Di-n-butylphthalate	0.14	UD	4	0.14	0.48	mg/Kg	11/04/25 16:34	PB170372
206-44-0	Fluoranthene	4.40	D	4	0.085	0.48	mg/Kg	11/04/25 16:34	PB170372
129-00-0	Pyrene	4.40	D	4	0.10	0.48	mg/Kg	11/04/25 16:34	PB170372
85-68-7	Butylbenzylphthalate	0.20	UD	4	0.20	0.48	mg/Kg	11/04/25 16:34	PB170372
91-94-1	3,3-Dichlorobenzidine	0.10	UD	4	0.10	0.94	mg/Kg	11/04/25 16:34	PB170372
56-55-3	Benzo(a)anthracene	1.90	D	4	0.065	0.48	mg/Kg	11/04/25 16:34	PB170372
218-01-9	Chrysene	2.00	D	4	0.056	0.48	mg/Kg	11/04/25 16:34	PB170372
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	UD	4	0.17	0.48	mg/Kg	11/04/25 16:34	PB170372
117-84-0	Di-n-octyl phthalate	0.25	UD	4	0.25	0.94	mg/Kg	11/04/25 16:34	PB170372
205-99-2	Benzo(b)fluoranthene	1.60	D	4	0.054	0.48	mg/Kg	11/04/25 16:34	PB170372
207-08-9	Benzo(k)fluoranthene	0.60	D	4	0.064	0.48	mg/Kg	11/04/25 16:34	PB170372
50-32-8	Benzo(a)pyrene	1.60	D	4	0.084	0.48	mg/Kg	11/04/25 16:34	PB170372
193-39-5	Indeno(1,2,3-cd)pyrene	0.66	D	4	0.083	0.48	mg/Kg	11/04/25 16:34	PB170372
53-70-3	Dibenzo(a,h)anthracene	0.25	JD	4	0.078	0.48	mg/Kg	11/04/25 16:34	PB170372
191-24-2	Benzo(g,h,i)perylene	0.81	D	4	0.073	0.48	mg/Kg	11/04/25 16:34	PB170372
95-94-3	1,2,4,5-Tetrachlorobenzene	0.073	UD	4	0.073	0.48	mg/Kg	11/04/25 16:34	PB170372
123-91-1	1,4-Dioxane	0.13	UD	4	0.13	0.48	mg/Kg	11/04/25 16:34	PB170372
58-90-2	2,3,4,6-Tetrachlorophenol	0.078	UD	4	0.078	0.48	mg/Kg	11/04/25 16:34	PB170372

SURROGATES

367-12-4	2-Fluorophenol	75.2		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	75.1		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.5		18 - 107	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.1		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.7		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	42.1		10 - 105	42%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	385000
1146-65-2	Naphthalene-d8	1440000
15067-26-2	Acenaphthene-d10	871000
1517-22-2	Phenanthrene-d10	1770000
1719-03-5	Chrysene-d12	1970000
1520-96-3	Perylene-d12	2360000

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Project:	Summit Gas and Appliance Service (SU)	Date Received:	10/31/25
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Lab Sample ID:	Q3515-01DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.5
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	50.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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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