

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: BU-3-112625MSD
Lab Sample ID: Q3735-01MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/01/25

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3740
Matrix: SOIL
% Solid: 85.4
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	810		1	110	230	ug/Kg	12/01/25 18:12	PB170763
108-95-2	Phenol	970		1	15.5	120	ug/Kg	12/01/25 18:12	PB170763
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.0	120	ug/Kg	12/01/25 18:12	PB170763
95-57-8	2-Chlorophenol	1000		1	17.1	120	ug/Kg	12/01/25 18:12	PB170763
95-48-7	2-Methylphenol	950		1	21.0	120	ug/Kg	12/01/25 18:12	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1100		1	26.3	120	ug/Kg	12/01/25 18:12	PB170763
98-86-2	Acetophenone	1200		1	20.7	120	ug/Kg	12/01/25 18:12	PB170763
65794-96-9	3+4-Methylphenols	970		1	28.8	230	ug/Kg	12/01/25 18:12	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.3	56.1	ug/Kg	12/01/25 18:12	PB170763
67-72-1	Hexachloroethane	980		1	12.3	120	ug/Kg	12/01/25 18:12	PB170763
98-95-3	Nitrobenzene	1100		1	12.8	120	ug/Kg	12/01/25 18:12	PB170763
78-59-1	Isophorone	1100		1	23.0	120	ug/Kg	12/01/25 18:12	PB170763
88-75-5	2-Nitrophenol	1200		1	40.8	120	ug/Kg	12/01/25 18:12	PB170763
105-67-9	2,4-Dimethylphenol	1200		1	45.5	120	ug/Kg	12/01/25 18:12	PB170763
111-91-1	bis(2-Chloroethoxy)methane	1100		1	21.6	120	ug/Kg	12/01/25 18:12	PB170763
120-83-2	2,4-Dichlorophenol	1000		1	19.9	120	ug/Kg	12/01/25 18:12	PB170763
91-20-3	Naphthalene	1100		1	15.9	120	ug/Kg	12/01/25 18:12	PB170763
106-47-8	4-Chloroaniline	360		1	24.8	120	ug/Kg	12/01/25 18:12	PB170763
87-68-3	Hexachlorobutadiene	1000		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
105-60-2	Caprolactam	1000		1	36.6	230	ug/Kg	12/01/25 18:12	PB170763
59-50-7	4-Chloro-3-methylphenol	950		1	20.1	120	ug/Kg	12/01/25 18:12	PB170763
91-57-6	2-Methylnaphthalene	930		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
77-47-4	Hexachlorocyclopentadiene	800		1	81.4	230	ug/Kg	12/01/25 18:12	PB170763
88-06-2	2,4,6-Trichlorophenol	1000		1	13.9	120	ug/Kg	12/01/25 18:12	PB170763
95-95-4	2,4,5-Trichlorophenol	1000		1	20.4	120	ug/Kg	12/01/25 18:12	PB170763
92-52-4	1,1-Biphenyl	1100		1	15.3	120	ug/Kg	12/01/25 18:12	PB170763
91-58-7	2-Chloronaphthalene	1100		1	15.8	120	ug/Kg	12/01/25 18:12	PB170763
88-74-4	2-Nitroaniline	1100		1	33.7	120	ug/Kg	12/01/25 18:12	PB170763
131-11-3	Dimethylphthalate	1100		1	19.0	120	ug/Kg	12/01/25 18:12	PB170763
208-96-8	Acenaphthylene	1200		1	20.3	120	ug/Kg	12/01/25 18:12	PB170763
606-20-2	2,6-Dinitrotoluene	1200		1	23.6	120	ug/Kg	12/01/25 18:12	PB170763
99-09-2	3-Nitroaniline	770		1	32.3	120	ug/Kg	12/01/25 18:12	PB170763
83-32-9	Acenaphthene	980		1	14.9	120	ug/Kg	12/01/25 18:12	PB170763
51-28-5	2,4-Dinitrophenol	900		1	160	230	ug/Kg	12/01/25 18:12	PB170763
100-02-7	4-Nitrophenol	2300	E	1	75.1	230	ug/Kg	12/01/25 18:12	PB170763
132-64-9	Dibenzofuran	1100		1	15.9	120	ug/Kg	12/01/25 18:12	PB170763
121-14-2	2,4-Dinitrotoluene	1200		1	35.1	120	ug/Kg	12/01/25 18:12	PB170763
84-66-2	Diethylphthalate	1100		1	19.9	120	ug/Kg	12/01/25 18:12	PB170763
7005-72-3	4-Chlorophenyl-phenylether	1000		1	18.7	120	ug/Kg	12/01/25 18:12	PB170763
86-73-7	Fluorene	1200		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
100-01-6	4-Nitroaniline	1100		1	45.0	120	ug/Kg	12/01/25 18:12	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	520		1	72.3	230	ug/Kg	12/01/25 18:12	PB170763

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Project:	Diamond	Date Received:	11/26/25
Client Sample ID:	BU-3-112625MSD	SDG No.:	Q3740
Lab Sample ID:	Q3735-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.4
Sample Wt/Vol:	50.07 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1000		1	23.1	120	ug/Kg	12/01/25 18:12	PB170763
101-55-3	4-Bromophenyl-phenylether	960		1	19.5	120	ug/Kg	12/01/25 18:12	PB170763
118-74-1	Hexachlorobenzene	1000		1	17.8	120	ug/Kg	12/01/25 18:12	PB170763
1912-24-9	Atrazine	1200		1	23.9	120	ug/Kg	12/01/25 18:12	PB170763
87-86-5	Pentachlorophenol	2300	E	1	36.0	230	ug/Kg	12/01/25 18:12	PB170763
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	12/01/25 18:12	PB170763
120-12-7	Anthracene	1100		1	23.4	120	ug/Kg	12/01/25 18:12	PB170763
86-74-8	Carbazole	1200		1	21.9	120	ug/Kg	12/01/25 18:12	PB170763
84-74-2	Di-n-butylphthalate	1300		1	33.6	120	ug/Kg	12/01/25 18:12	PB170763
206-44-0	Fluoranthene	1400		1	21.0	120	ug/Kg	12/01/25 18:12	PB170763
129-00-0	Pyrene	1000		1	25.3	120	ug/Kg	12/01/25 18:12	PB170763
85-68-7	Butylbenzylphthalate	1200		1	50.1	120	ug/Kg	12/01/25 18:12	PB170763
91-94-1	3,3-Dichlorobenzidine	820		1	25.7	230	ug/Kg	12/01/25 18:12	PB170763
56-55-3	Benzo(a)anthracene	1200		1	16.1	120	ug/Kg	12/01/25 18:12	PB170763
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	12/01/25 18:12	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1300		1	41.5	120	ug/Kg	12/01/25 18:12	PB170763
117-84-0	Di-n-octyl phthalate	1200		1	60.9	230	ug/Kg	12/01/25 18:12	PB170763
205-99-2	Benzo(b)fluoranthene	1300		1	13.3	120	ug/Kg	12/01/25 18:12	PB170763
207-08-9	Benzo(k)fluoranthene	1300		1	15.7	120	ug/Kg	12/01/25 18:12	PB170763
50-32-8	Benzo(a)pyrene	1200		1	20.7	120	ug/Kg	12/01/25 18:12	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	890		1	20.4	120	ug/Kg	12/01/25 18:12	PB170763
53-70-3	Dibenzo(a,h)anthracene	900		1	19.2	120	ug/Kg	12/01/25 18:12	PB170763
191-24-2	Benzo(g,h,i)perylene	890		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	18.0	120	ug/Kg	12/01/25 18:12	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	1100		1	19.2	120	ug/Kg	12/01/25 18:12	PB170763

SURROGATES

367-12-4	2-Fluorophenol	68.8		10 - 105	46%	SPK: 150
13127-88-3	Phenol-d6	65.5		10 - 103	44%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.2		10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.6		10 - 108	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	71.8		10 - 116	48%	SPK: 150
1718-51-0	Terphenyl-d14	36.7		10 - 109	37%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	47000
1146-65-2	Naphthalene-d8	155000
15067-26-2	Acenaphthene-d10	78600
1517-22-2	Phenanthrene-d10	150000
1719-03-5	Chrysene-d12	135000
1520-96-3	Perylene-d12	107000

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	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	50.07 g		
	Final Vol: 1000 uL		
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	Prep Date: 12/01/25		

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