

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: PB170763BS
Lab Sample ID: PB170763BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/01/25

Date Collected:
Date Received:
SDG No.: Q3740
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1300	1	160		330	ug/Kg	12/01/25 14:40	PB170763
108-95-2	Phenol	1400	1	22.1		170	ug/Kg	12/01/25 14:40	PB170763
111-44-4	bis(2-Chloroethyl)ether	1400	1	24.3		170	ug/Kg	12/01/25 14:40	PB170763
95-57-8	2-Chlorophenol	1400	1	24.4		170	ug/Kg	12/01/25 14:40	PB170763
95-48-7	2-Methylphenol	1400	1	29.9		170	ug/Kg	12/01/25 14:40	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	1500	1	37.5		170	ug/Kg	12/01/25 14:40	PB170763
98-86-2	Acetophenone	1500	1	29.5		170	ug/Kg	12/01/25 14:40	PB170763
65794-96-9	3+4-Methylphenols	1400	1	41.1		330	ug/Kg	12/01/25 14:40	PB170763
621-64-7	n-Nitroso-di-n-propylamine	1300	1	47.4		79.9	ug/Kg	12/01/25 14:40	PB170763
67-72-1	Hexachloroethane	1400	1	17.6		170	ug/Kg	12/01/25 14:40	PB170763
98-95-3	Nitrobenzene	1400	1	18.3		170	ug/Kg	12/01/25 14:40	PB170763
78-59-1	Isophorone	1400	1	32.8		170	ug/Kg	12/01/25 14:40	PB170763
88-75-5	2-Nitrophenol	1400	1	58.1		170	ug/Kg	12/01/25 14:40	PB170763
105-67-9	2,4-Dimethylphenol	1500	1	64.7		170	ug/Kg	12/01/25 14:40	PB170763
111-91-1	bis(2-Chloroethoxy)methane	1400	1	30.8		170	ug/Kg	12/01/25 14:40	PB170763
120-83-2	2,4-Dichlorophenol	1400	1	28.3		170	ug/Kg	12/01/25 14:40	PB170763
91-20-3	Naphthalene	1400	1	22.7		170	ug/Kg	12/01/25 14:40	PB170763
106-47-8	4-Chloroaniline	820	1	35.4		170	ug/Kg	12/01/25 14:40	PB170763
87-68-3	Hexachlorobutadiene	1300	1	25.3		170	ug/Kg	12/01/25 14:40	PB170763
105-60-2	Caprolactam	1400	1	52.0		330	ug/Kg	12/01/25 14:40	PB170763
59-50-7	4-Chloro-3-methylphenol	1300	1	28.7		170	ug/Kg	12/01/25 14:40	PB170763
91-57-6	2-Methylnaphthalene	1300	1	25.6		170	ug/Kg	12/01/25 14:40	PB170763
77-47-4	Hexachlorocyclopentadiene	2500	1	120		330	ug/Kg	12/01/25 14:40	PB170763
88-06-2	2,4,6-Trichlorophenol	1400	1	19.8		170	ug/Kg	12/01/25 14:40	PB170763
95-95-4	2,4,5-Trichlorophenol	1300	1	29.1		170	ug/Kg	12/01/25 14:40	PB170763
92-52-4	1,1-Biphenyl	1600	1	21.8		170	ug/Kg	12/01/25 14:40	PB170763
91-58-7	2-Chloronaphthalene	1400	1	22.5		170	ug/Kg	12/01/25 14:40	PB170763
88-74-4	2-Nitroaniline	1400	1	48.1		170	ug/Kg	12/01/25 14:40	PB170763
131-11-3	Dimethylphthalate	1400	1	27.1		170	ug/Kg	12/01/25 14:40	PB170763
208-96-8	Acenaphthylene	1600	1	28.9		170	ug/Kg	12/01/25 14:40	PB170763
606-20-2	2,6-Dinitrotoluene	1400	1	33.6		170	ug/Kg	12/01/25 14:40	PB170763
99-09-2	3-Nitroaniline	990	1	46.0		170	ug/Kg	12/01/25 14:40	PB170763
83-32-9	Acenaphthene	1300	1	21.3		170	ug/Kg	12/01/25 14:40	PB170763
51-28-5	2,4-Dinitrophenol	2400	1	230		330	ug/Kg	12/01/25 14:40	PB170763
100-02-7	4-Nitrophenol	2100	1	110		330	ug/Kg	12/01/25 14:40	PB170763
132-64-9	Dibenzofuran	1400	1	22.7		170	ug/Kg	12/01/25 14:40	PB170763
121-14-2	2,4-Dinitrotoluene	1400	1	50.0		170	ug/Kg	12/01/25 14:40	PB170763
84-66-2	Diethylphthalate	1300	1	28.3		170	ug/Kg	12/01/25 14:40	PB170763
7005-72-3	4-Chlorophenyl-phenylether	1300	1	26.7		170	ug/Kg	12/01/25 14:40	PB170763
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	12/01/25 14:40	PB170763
100-01-6	4-Nitroaniline	1200	1	64.1		170	ug/Kg	12/01/25 14:40	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	1400	1	100		330	ug/Kg	12/01/25 14:40	PB170763

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Lab Sample ID:	PB170763BS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500	1	32.9		170	ug/Kg	12/01/25 14:40	PB170763
101-55-3	4-Bromophenyl-phenylether	1500	1	27.8		170	ug/Kg	12/01/25 14:40	PB170763
118-74-1	Hexachlorobenzene	1500	1	25.3		170	ug/Kg	12/01/25 14:40	PB170763
1912-24-9	Atrazine	1400	1	34.0		170	ug/Kg	12/01/25 14:40	PB170763
87-86-5	Pentachlorophenol	2600	1	51.2		330	ug/Kg	12/01/25 14:40	PB170763
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	12/01/25 14:40	PB170763
120-12-7	Anthracene	1400	1	33.3		170	ug/Kg	12/01/25 14:40	PB170763
86-74-8	Carbazole	1400	1	31.2		170	ug/Kg	12/01/25 14:40	PB170763
84-74-2	Di-n-butylphthalate	1400	1	47.9		170	ug/Kg	12/01/25 14:40	PB170763
206-44-0	Fluoranthene	1400	1	30.0		170	ug/Kg	12/01/25 14:40	PB170763
129-00-0	Pyrene	1200	1	36.0		170	ug/Kg	12/01/25 14:40	PB170763
85-68-7	Butylbenzylphthalate	1400	1	71.3		170	ug/Kg	12/01/25 14:40	PB170763
91-94-1	3,3-Dichlorobenzidine	1200	1	36.7		330	ug/Kg	12/01/25 14:40	PB170763
56-55-3	Benzo(a)anthracene	1400	1	23.0		170	ug/Kg	12/01/25 14:40	PB170763
218-01-9	Chrysene	1500	1	19.9		170	ug/Kg	12/01/25 14:40	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	1500	1	59.1		170	ug/Kg	12/01/25 14:40	PB170763
117-84-0	Di-n-octyl phthalate	1600	1	86.7		330	ug/Kg	12/01/25 14:40	PB170763
205-99-2	Benzo(b)fluoranthene	1700	1	19.0		170	ug/Kg	12/01/25 14:40	PB170763
207-08-9	Benzo(k)fluoranthene	1500	1	22.4		170	ug/Kg	12/01/25 14:40	PB170763
50-32-8	Benzo(a)pyrene	1600	1	29.5		170	ug/Kg	12/01/25 14:40	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	1500	1	29.1		170	ug/Kg	12/01/25 14:40	PB170763
53-70-3	Dibenzo(a,h)anthracene	1500	1	27.4		170	ug/Kg	12/01/25 14:40	PB170763
191-24-2	Benzo(g,h,i)perylene	1600	1	25.7		170	ug/Kg	12/01/25 14:40	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	1600	1	25.6		170	ug/Kg	12/01/25 14:40	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	1400	1	27.4		170	ug/Kg	12/01/25 14:40	PB170763

SURROGATES

367-12-4	2-Fluorophenol	113		10 - 105	75%	SPK: 150
13127-88-3	Phenol-d6	112		10 - 103	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.2		10 - 108	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.5		10 - 108	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	104		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	69.5		10 - 109	69%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	56600
1146-65-2	Naphthalene-d8	215000
15067-26-2	Acenaphthene-d10	113000
1517-22-2	Phenanthrene-d10	172000
1719-03-5	Chrysene-d12	127000
1520-96-3	Perylene-d12	157000

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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