

LAB CHRONICLE

OrderID:	Q3741	OrderDate:	11/26/2025 4:57:55 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	Building 50 Probe Investigation
Contact:	Roland Scardino	Location:	--Select--,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3741-01	B50-SP3-111925	SOIL	SVOC-TCL BNA	8270E	11/19/25	12/03/25	12/03/25	11/26/25
Q3741-02	B50-SP13-112025	SOIL	SVOC-TCL BNA	8270E	11/20/25	12/03/25	12/03/25	11/26/25
Q3741-03	B50-SP14-112025	SOIL	SVOC-TCL BNA	8270E	11/20/25	12/03/25	12/03/25	11/26/25
Q3741-04	B50-SP9-112425	SOIL	SVOC-TCL BNA	8270E	11/24/25	12/03/25	12/03/25	11/26/25
Q3741-05	B50-SP11-112525	SOIL	SVOC-TCL BNA	8270E	11/25/25	12/03/25	12/03/25	11/26/25
Q3741-06	B50-SP4-112525	SOIL	SVOC-TCL BNA	8270E	11/25/25	12/03/25	12/03/25	11/26/25

Hit Summary Sheet SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B50-SP3-111925								
Q3741-01	B50-SP3-111925	SOIL	Phenanthrene	73.400	J	22.8	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Fluoranthene	120.000	J	32.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Pyrene	80.500	J	39.2	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(a)anthracene	110.000	J	25.1	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Chrysene	98.700	J	21.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(b)fluoranthene	220.000		20.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(k)fluoranthene	75.600	J	24.4	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(a)pyrene	210.000		32.2	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Indeno(1,2,3-cd)pyrene	92.300	J	31.7	190	ug/Kg
Q3741-01	B50-SP3-111925	SOIL	Benzo(g,h,i)perylene	110.000	J	28	190	ug/Kg
Total Svoc :				1,190.50				
Total Concentration:				1,190.50				
Client ID : B50-SP13-112025								
Q3741-02	B50-SP13-112025	SOIL	Phenanthrene	340.000		24.1	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Fluoranthene	550.000		34.6	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Pyrene	360.000		41.5	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(a)anthracene	300.000		26.5	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Chrysene	290.000		23	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(b)fluoranthene	390.000		21.9	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(k)fluoranthene	160.000	J	25.8	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(a)pyrene	330.000		34	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Indeno(1,2,3-cd)pyrene	110.000	J	33.6	200	ug/Kg
Q3741-02	B50-SP13-112025	SOIL	Benzo(g,h,i)perylene	130.000	J	29.7	200	ug/Kg
Total Svoc :				2,960.00				
Total Concentration:				2,960.00				
Client ID : B50-SP14-112025								
Q3741-03	B50-SP14-112025	SOIL	Naphthalene	150.000	J	25.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	2-Methylnaphthalene	95.800	J	29.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Acenaphthylene	100.000	J	33	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Acenaphthene	120.000	J	24.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Dibenzofuran	120.000	J	25.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Fluorene	120.000	J	28.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Phenanthrene	1,300.000		23.9	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Anthracene	370.000		38.1	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Carbazole	170.000	J	35.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Fluoranthene	1,600.000		34.3	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3741-03	B50-SP14-112025	SOIL	Pyrene	1,400.000		41.1	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(a)anthracene	1,300.000		26.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Chrysene	1,300.000		22.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Bis(2-ethylhexyl)phthalate	110.000	J	67.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(b)fluoranthene	1,700.000		21.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(k)fluoranthene	620.000		25.6	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(a)pyrene	1,600.000		33.7	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Indeno(1,2,3-cd)pyrene	670.000		33.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Dibenzo(a,h)anthracene	240.000		31.3	190	ug/Kg
Q3741-03	B50-SP14-112025	SOIL	Benzo(g,h,i)perylene	790.000		29.4	190	ug/Kg

Total Svoc : 13,875.80

Total Concentration: 13,875.80

Client ID : B50-SP9-112425

Q3741-04	B50-SP9-112425	SOIL	Phenanthrene	250.000		24.5	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Fluoranthene	400.000		35.2	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Pyrene	280.000		42.2	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(a)anthracene	290.000		27	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Chrysene	260.000		23.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(b)fluoranthene	480.000		22.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(k)fluoranthene	150.000	J	26.3	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(a)pyrene	420.000		34.6	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Indeno(1,2,3-cd)pyrene	170.000	J	34.1	200	ug/Kg
Q3741-04	B50-SP9-112425	SOIL	Benzo(g,h,i)perylene	220.000		30.1	200	ug/Kg

Total Svoc : 2,920.00

Total Concentration: 2,920.00

Client ID : B50-SP11-112525

Q3741-05	B50-SP11-112525	SOIL	Naphthalene	310.000		26.8	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	2-Methylnaphthalene	340.000		30.2	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Phenanthrene	310.000		24.7	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Fluoranthene	320.000		35.4	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Pyrene	290.000		42.5	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(a)anthracene	140.000	J	27.1	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Chrysene	180.000	J	23.5	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(b)fluoranthene	180.000	J	22.4	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(a)pyrene	140.000	J	34.8	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Indeno(1,2,3-cd)pyrene	78.700	J	34.3	200	ug/Kg
Q3741-05	B50-SP11-112525	SOIL	Benzo(g,h,i)perylene	100.000	J	30.3	200	ug/Kg

Total Svoc : 2,388.70

Total Concentration: 2,388.70

Hit Summary Sheet SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B50-SP4-112525								
Q3741-06	B50-SP4-112525	SOIL	Phenanthrene	420.000		24.3	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Fluoranthene	420.000		34.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Pyrene	420.000		41.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(a)anthracene	250.000		26.7	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Chrysene	270.000		23.1	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(b)fluoranthene	310.000		22.1	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(k)fluoranthene	120.000	J	26	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(a)pyrene	280.000		34.3	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Indeno(1,2,3-cd)pyrene	140.000	J	33.8	200	ug/Kg
Q3741-06	B50-SP4-112525	SOIL	Benzo(g,h,i)perylene	170.000	J	29.8	200	ug/Kg
Total Svoc :				2,800.00				
Total Concentration:				2,800.00				



SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	170	U	1	170	360	ug/Kg	12/03/25 15:07	PB170797
108-95-2	Phenol	24.1	U	1	24.1	190	ug/Kg	12/03/25 15:07	PB170797
111-44-4	bis(2-Chloroethyl)ether	26.5	U	1	26.5	190	ug/Kg	12/03/25 15:07	PB170797
95-57-8	2-Chlorophenol	26.6	U	1	26.6	190	ug/Kg	12/03/25 15:07	PB170797
95-48-7	2-Methylphenol	32.6	U	1	32.6	190	ug/Kg	12/03/25 15:07	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	40.9	U	1	40.9	190	ug/Kg	12/03/25 15:07	PB170797
98-86-2	Acetophenone	32.2	U	1	32.2	190	ug/Kg	12/03/25 15:07	PB170797
65794-96-9	3+4-Methylphenols	44.8	U	1	44.8	360	ug/Kg	12/03/25 15:07	PB170797
621-64-7	n-Nitroso-di-n-propylamine	51.7	U	1	51.7	87.2	ug/Kg	12/03/25 15:07	PB170797
67-72-1	Hexachloroethane	19.2	U	1	19.2	190	ug/Kg	12/03/25 15:07	PB170797
98-95-3	Nitrobenzene	20.0	U	1	20.0	190	ug/Kg	12/03/25 15:07	PB170797
78-59-1	Isophorone	35.8	U	1	35.8	190	ug/Kg	12/03/25 15:07	PB170797
88-75-5	2-Nitrophenol	63.5	U	1	63.5	190	ug/Kg	12/03/25 15:07	PB170797
105-67-9	2,4-Dimethylphenol	70.6	U	1	70.6	190	ug/Kg	12/03/25 15:07	PB170797
111-91-1	bis(2-Chloroethoxy)methane	33.6	U	1	33.6	190	ug/Kg	12/03/25 15:07	PB170797
120-83-2	2,4-Dichlorophenol	30.9	U	1	30.9	190	ug/Kg	12/03/25 15:07	PB170797
91-20-3	Naphthalene	24.7	U	1	24.7	190	ug/Kg	12/03/25 15:07	PB170797
106-47-8	4-Chloroaniline	38.6	U	1	38.6	190	ug/Kg	12/03/25 15:07	PB170797
87-68-3	Hexachlorobutadiene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
105-60-2	Caprolactam	56.8	UQ	1	56.8	360	ug/Kg	12/03/25 15:07	PB170797
59-50-7	4-Chloro-3-methylphenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 15:07	PB170797
91-57-6	2-Methylnaphthalene	27.9	U	1	27.9	190	ug/Kg	12/03/25 15:07	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	360	ug/Kg	12/03/25 15:07	PB170797
88-06-2	2,4,6-Trichlorophenol	21.6	U	1	21.6	190	ug/Kg	12/03/25 15:07	PB170797
95-95-4	2,4,5-Trichlorophenol	31.7	U	1	31.7	190	ug/Kg	12/03/25 15:07	PB170797
92-52-4	1,1-Biphenyl	23.8	U	1	23.8	190	ug/Kg	12/03/25 15:07	PB170797
91-58-7	2-Chloronaphthalene	24.5	U	1	24.5	190	ug/Kg	12/03/25 15:07	PB170797
88-74-4	2-Nitroaniline	52.4	U	1	52.4	190	ug/Kg	12/03/25 15:07	PB170797
131-11-3	Dimethylphthalate	29.5	U	1	29.5	190	ug/Kg	12/03/25 15:07	PB170797
208-96-8	Acenaphthylene	31.5	U	1	31.5	190	ug/Kg	12/03/25 15:07	PB170797
606-20-2	2,6-Dinitrotoluene	36.6	U	1	36.6	190	ug/Kg	12/03/25 15:07	PB170797
99-09-2	3-Nitroaniline	50.2	U	1	50.2	190	ug/Kg	12/03/25 15:07	PB170797
83-32-9	Acenaphthene	23.2	U	1	23.2	190	ug/Kg	12/03/25 15:07	PB170797
51-28-5	2,4-Dinitrophenol	250	U	1	250	360	ug/Kg	12/03/25 15:07	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	360	ug/Kg	12/03/25 15:07	PB170797
132-64-9	Dibenzofuran	24.7	U	1	24.7	190	ug/Kg	12/03/25 15:07	PB170797
121-14-2	2,4-Dinitrotoluene	54.6	UQ	1	54.6	190	ug/Kg	12/03/25 15:07	PB170797
84-66-2	Diethylphthalate	30.9	U	1	30.9	190	ug/Kg	12/03/25 15:07	PB170797
7005-72-3	4-Chlorophenyl-phenylether	29.1	U	1	29.1	190	ug/Kg	12/03/25 15:07	PB170797
86-73-7	Fluorene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
100-01-6	4-Nitroaniline	70.0	U	1	70.0	190	ug/Kg	12/03/25 15:07	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1	110	360	ug/Kg	12/03/25 15:07	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP3-111925
Lab Sample ID: Q3741-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/19/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 91.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	35.9	U	1	35.9	190	ug/Kg	12/03/25 15:07	PB170797
101-55-3	4-Bromophenyl-phenylether	30.3	U	1	30.3	190	ug/Kg	12/03/25 15:07	PB170797
118-74-1	Hexachlorobenzene	27.6	U	1	27.6	190	ug/Kg	12/03/25 15:07	PB170797
1912-24-9	Atrazine	37.1	U	1	37.1	190	ug/Kg	12/03/25 15:07	PB170797
87-86-5	Pentachlorophenol	55.9	U	1	55.9	360	ug/Kg	12/03/25 15:07	PB170797
85-01-8	Phenanthrene	73.4	J	1	22.8	190	ug/Kg	12/03/25 15:07	PB170797
120-12-7	Anthracene	36.3	U	1	36.3	190	ug/Kg	12/03/25 15:07	PB170797
86-74-8	Carbazole	34.0	U	1	34.0	190	ug/Kg	12/03/25 15:07	PB170797
84-74-2	Di-n-butylphthalate	52.2	U	1	52.2	190	ug/Kg	12/03/25 15:07	PB170797
206-44-0	Fluoranthene	120	J	1	32.7	190	ug/Kg	12/03/25 15:07	PB170797
129-00-0	Pyrene	80.5	J	1	39.2	190	ug/Kg	12/03/25 15:07	PB170797
85-68-7	Butylbenzylphthalate	77.8	U	1	77.8	190	ug/Kg	12/03/25 15:07	PB170797
91-94-1	3,3-Dichlorobenzidine	40.0	U	1	40.0	360	ug/Kg	12/03/25 15:07	PB170797
56-55-3	Benzo(a)anthracene	110	J	1	25.1	190	ug/Kg	12/03/25 15:07	PB170797
218-01-9	Chrysene	98.7	J	1	21.7	190	ug/Kg	12/03/25 15:07	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	64.5	U	1	64.5	190	ug/Kg	12/03/25 15:07	PB170797
117-84-0	Di-n-octyl phthalate	94.6	U	1	94.6	360	ug/Kg	12/03/25 15:07	PB170797
205-99-2	Benzo(b)fluoranthene	220		1	20.7	190	ug/Kg	12/03/25 15:07	PB170797
207-08-9	Benzo(k)fluoranthene	75.6	J	1	24.4	190	ug/Kg	12/03/25 15:07	PB170797
50-32-8	Benzo(a)pyrene	210		1	32.2	190	ug/Kg	12/03/25 15:07	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	92.3	J	1	31.7	190	ug/Kg	12/03/25 15:07	PB170797
53-70-3	Dibenzo(a,h)anthracene	29.9	U	1	29.9	190	ug/Kg	12/03/25 15:07	PB170797
191-24-2	Benzo(g,h,i)perylene	110	J	1	28.0	190	ug/Kg	12/03/25 15:07	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	27.9	U	1	27.9	190	ug/Kg	12/03/25 15:07	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	29.9	U	1	29.9	190	ug/Kg	12/03/25 15:07	PB170797

SURROGATES

367-12-4	2-Fluorophenol	39.3			10 - 105	26%	SPK: 150
13127-88-3	Phenol-d6	38.5			10 - 103	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	28.2			10 - 108	28%	SPK: 100
321-60-8	2-Fluorobiphenyl	31.0			10 - 108	31%	SPK: 100
118-79-6	2,4,6-Tribromophenol	34.2			10 - 116	23%	SPK: 150
1718-51-0	Terphenyl-d14	22.5			10 - 109	22%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	81100
1146-65-2	Naphthalene-d8	286000
15067-26-2	Acenaphthene-d10	142000
1517-22-2	Phenanthrene-d10	238000
1719-03-5	Chrysene-d12	247000
1520-96-3	Perylene-d12	283000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/19/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP3-111925	SDG No.:	Q3741
Lab Sample ID:	Q3741-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.6
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.04 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 15:36	PB170797
108-95-2	Phenol	25.5	U	1	25.5	200	ug/Kg	12/03/25 15:36	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.0	U	1	28.0	200	ug/Kg	12/03/25 15:36	PB170797
95-57-8	2-Chlorophenol	28.2	U	1	28.2	200	ug/Kg	12/03/25 15:36	PB170797
95-48-7	2-Methylphenol	34.5	U	1	34.5	200	ug/Kg	12/03/25 15:36	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.3	U	1	43.3	200	ug/Kg	12/03/25 15:36	PB170797
98-86-2	Acetophenone	34.0	U	1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
65794-96-9	3+4-Methylphenols	47.4	U	1	47.4	380	ug/Kg	12/03/25 15:36	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.7	U	1	54.7	92.3	ug/Kg	12/03/25 15:36	PB170797
67-72-1	Hexachloroethane	20.3	U	1	20.3	200	ug/Kg	12/03/25 15:36	PB170797
98-95-3	Nitrobenzene	21.1	U	1	21.1	200	ug/Kg	12/03/25 15:36	PB170797
78-59-1	Isophorone	37.8	U	1	37.8	200	ug/Kg	12/03/25 15:36	PB170797
88-75-5	2-Nitrophenol	67.2	U	1	67.2	200	ug/Kg	12/03/25 15:36	PB170797
105-67-9	2,4-Dimethylphenol	74.8	U	1	74.8	200	ug/Kg	12/03/25 15:36	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.5	U	1	35.5	200	ug/Kg	12/03/25 15:36	PB170797
120-83-2	2,4-Dichlorophenol	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
91-20-3	Naphthalene	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
106-47-8	4-Chloroaniline	40.8	U	1	40.8	200	ug/Kg	12/03/25 15:36	PB170797
87-68-3	Hexachlorobutadiene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
105-60-2	Caprolactam	60.1	UQ	1	60.1	380	ug/Kg	12/03/25 15:36	PB170797
59-50-7	4-Chloro-3-methylphenol	33.1	U	1	33.1	200	ug/Kg	12/03/25 15:36	PB170797
91-57-6	2-Methylnaphthalene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 15:36	PB170797
88-06-2	2,4,6-Trichlorophenol	22.8	U	1	22.8	200	ug/Kg	12/03/25 15:36	PB170797
95-95-4	2,4,5-Trichlorophenol	33.6	U	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
92-52-4	1,1-Biphenyl	25.2	U	1	25.2	200	ug/Kg	12/03/25 15:36	PB170797
91-58-7	2-Chloronaphthalene	26.0	U	1	26.0	200	ug/Kg	12/03/25 15:36	PB170797
88-74-4	2-Nitroaniline	55.5	U	1	55.5	200	ug/Kg	12/03/25 15:36	PB170797
131-11-3	Dimethylphthalate	31.3	U	1	31.3	200	ug/Kg	12/03/25 15:36	PB170797
208-96-8	Acenaphthylene	33.3	U	1	33.3	200	ug/Kg	12/03/25 15:36	PB170797
606-20-2	2,6-Dinitrotoluene	38.8	U	1	38.8	200	ug/Kg	12/03/25 15:36	PB170797
99-09-2	3-Nitroaniline	53.1	U	1	53.1	200	ug/Kg	12/03/25 15:36	PB170797
83-32-9	Acenaphthene	24.6	U	1	24.6	200	ug/Kg	12/03/25 15:36	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 15:36	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797
132-64-9	Dibenzofuran	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
121-14-2	2,4-Dinitrotoluene	57.8	UQ	1	57.8	200	ug/Kg	12/03/25 15:36	PB170797
84-66-2	Diethylphthalate	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.8	U	1	30.8	200	ug/Kg	12/03/25 15:36	PB170797
86-73-7	Fluorene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
100-01-6	4-Nitroaniline	74.1	U	1	74.1	200	ug/Kg	12/03/25 15:36	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP13-112025
Lab Sample ID: Q3741-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 86.4
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.0	U	1	38.0	200	ug/Kg	12/03/25 15:36	PB170797
101-55-3	4-Bromophenyl-phenylether	32.1	U	1	32.1	200	ug/Kg	12/03/25 15:36	PB170797
118-74-1	Hexachlorobenzene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
1912-24-9	Atrazine	39.2	U	1	39.2	200	ug/Kg	12/03/25 15:36	PB170797
87-86-5	Pentachlorophenol	59.2	U	1	59.2	380	ug/Kg	12/03/25 15:36	PB170797
85-01-8	Phenanthrene	340		1	24.1	200	ug/Kg	12/03/25 15:36	PB170797
120-12-7	Anthracene	38.4	U	1	38.4	200	ug/Kg	12/03/25 15:36	PB170797
86-74-8	Carbazole	36.0	U	1	36.0	200	ug/Kg	12/03/25 15:36	PB170797
84-74-2	Di-n-butylphthalate	55.3	U	1	55.3	200	ug/Kg	12/03/25 15:36	PB170797
206-44-0	Fluoranthene	550		1	34.6	200	ug/Kg	12/03/25 15:36	PB170797
129-00-0	Pyrene	360		1	41.5	200	ug/Kg	12/03/25 15:36	PB170797
85-68-7	Butylbenzylphthalate	82.4	U	1	82.4	200	ug/Kg	12/03/25 15:36	PB170797
91-94-1	3,3-Dichlorobenzidine	42.3	U	1	42.3	380	ug/Kg	12/03/25 15:36	PB170797
56-55-3	Benzo(a)anthracene	300		1	26.5	200	ug/Kg	12/03/25 15:36	PB170797
218-01-9	Chrysene	290		1	23.0	200	ug/Kg	12/03/25 15:36	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.3	U	1	68.3	200	ug/Kg	12/03/25 15:36	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 15:36	PB170797
205-99-2	Benzo(b)fluoranthene	390		1	21.9	200	ug/Kg	12/03/25 15:36	PB170797
207-08-9	Benzo(k)fluoranthene	160	J	1	25.8	200	ug/Kg	12/03/25 15:36	PB170797
50-32-8	Benzo(a)pyrene	330		1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797
191-24-2	Benzo(g,h,i)perylene	130	J	1	29.7	200	ug/Kg	12/03/25 15:36	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797

SURROGATES

367-12-4	2-Fluorophenol	36.2			10 - 105	24%	SPK: 150
13127-88-3	Phenol-d6	36.4			10 - 103	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	25.9			10 - 108	26%	SPK: 100
321-60-8	2-Fluorobiphenyl	26.8			10 - 108	27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	32.1			10 - 116	21%	SPK: 150
1718-51-0	Terphenyl-d14	20.6			10 - 109	21%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	88400
1146-65-2	Naphthalene-d8	322000
15067-26-2	Acenaphthene-d10	169000
1517-22-2	Phenanthrene-d10	276000
1719-03-5	Chrysene-d12	256000
1520-96-3	Perylene-d12	297000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.4
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.09 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 14:08	PB170797
108-95-2	Phenol	25.3	U	1	25.3	190	ug/Kg	12/03/25 14:08	PB170797
111-44-4	bis(2-Chloroethyl)ether	27.8	U	1	27.8	190	ug/Kg	12/03/25 14:08	PB170797
95-57-8	2-Chlorophenol	27.9	U	1	27.9	190	ug/Kg	12/03/25 14:08	PB170797
95-48-7	2-Methylphenol	34.2	U	1	34.2	190	ug/Kg	12/03/25 14:08	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	42.9	U	1	42.9	190	ug/Kg	12/03/25 14:08	PB170797
98-86-2	Acetophenone	33.7	U	1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
65794-96-9	3+4-Methylphenols	47.0	U	1	47.0	380	ug/Kg	12/03/25 14:08	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	1	54.2	91.4	ug/Kg	12/03/25 14:08	PB170797
67-72-1	Hexachloroethane	20.1	U	1	20.1	190	ug/Kg	12/03/25 14:08	PB170797
98-95-3	Nitrobenzene	20.9	U	1	20.9	190	ug/Kg	12/03/25 14:08	PB170797
78-59-1	Isophorone	37.5	U	1	37.5	190	ug/Kg	12/03/25 14:08	PB170797
88-75-5	2-Nitrophenol	66.5	U	1	66.5	190	ug/Kg	12/03/25 14:08	PB170797
105-67-9	2,4-Dimethylphenol	74.1	U	1	74.1	190	ug/Kg	12/03/25 14:08	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	1	35.2	190	ug/Kg	12/03/25 14:08	PB170797
120-83-2	2,4-Dichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
91-20-3	Naphthalene	150	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
106-47-8	4-Chloroaniline	40.5	U	1	40.5	190	ug/Kg	12/03/25 14:08	PB170797
87-68-3	Hexachlorobutadiene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
105-60-2	Caprolactam	59.5	UQ	1	59.5	380	ug/Kg	12/03/25 14:08	PB170797
59-50-7	4-Chloro-3-methylphenol	32.8	U	1	32.8	190	ug/Kg	12/03/25 14:08	PB170797
91-57-6	2-Methylnaphthalene	95.8	J	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 14:08	PB170797
88-06-2	2,4,6-Trichlorophenol	22.6	U	1	22.6	190	ug/Kg	12/03/25 14:08	PB170797
95-95-4	2,4,5-Trichlorophenol	33.3	U	1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
92-52-4	1,1-Biphenyl	24.9	U	1	24.9	190	ug/Kg	12/03/25 14:08	PB170797
91-58-7	2-Chloronaphthalene	25.7	U	1	25.7	190	ug/Kg	12/03/25 14:08	PB170797
88-74-4	2-Nitroaniline	55.0	U	1	55.0	190	ug/Kg	12/03/25 14:08	PB170797
131-11-3	Dimethylphthalate	31.0	U	1	31.0	190	ug/Kg	12/03/25 14:08	PB170797
208-96-8	Acenaphthylene	100	J	1	33.0	190	ug/Kg	12/03/25 14:08	PB170797
606-20-2	2,6-Dinitrotoluene	38.4	U	1	38.4	190	ug/Kg	12/03/25 14:08	PB170797
99-09-2	3-Nitroaniline	52.6	U	1	52.6	190	ug/Kg	12/03/25 14:08	PB170797
83-32-9	Acenaphthene	120	J	1	24.3	190	ug/Kg	12/03/25 14:08	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 14:08	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797
132-64-9	Dibenzofuran	120	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
121-14-2	2,4-Dinitrotoluene	57.3	UQ	1	57.3	190	ug/Kg	12/03/25 14:08	PB170797
84-66-2	Diethylphthalate	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	1	30.5	190	ug/Kg	12/03/25 14:08	PB170797
86-73-7	Fluorene	120	J	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
100-01-6	4-Nitroaniline	73.4	U	1	73.4	190	ug/Kg	12/03/25 14:08	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP14-112025
Lab Sample ID: Q3741-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/20/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 87.3
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	37.6	U	1	37.6	190	ug/Kg	12/03/25 14:08	PB170797
101-55-3	4-Bromophenyl-phenylether	31.8	U	1	31.8	190	ug/Kg	12/03/25 14:08	PB170797
118-74-1	Hexachlorobenzene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
1912-24-9	Atrazine	38.9	U	1	38.9	190	ug/Kg	12/03/25 14:08	PB170797
87-86-5	Pentachlorophenol	58.6	U	1	58.6	380	ug/Kg	12/03/25 14:08	PB170797
85-01-8	Phenanthrene	1300		1	23.9	190	ug/Kg	12/03/25 14:08	PB170797
120-12-7	Anthracene	370		1	38.1	190	ug/Kg	12/03/25 14:08	PB170797
86-74-8	Carbazole	170	J	1	35.7	190	ug/Kg	12/03/25 14:08	PB170797
84-74-2	Di-n-butylphthalate	54.7	U	1	54.7	190	ug/Kg	12/03/25 14:08	PB170797
206-44-0	Fluoranthene	1600		1	34.3	190	ug/Kg	12/03/25 14:08	PB170797
129-00-0	Pyrene	1400		1	41.1	190	ug/Kg	12/03/25 14:08	PB170797
85-68-7	Butylbenzylphthalate	81.6	U	1	81.6	190	ug/Kg	12/03/25 14:08	PB170797
91-94-1	3,3-Dichlorobenzidine	41.9	U	1	41.9	380	ug/Kg	12/03/25 14:08	PB170797
56-55-3	Benzo(a)anthracene	1300		1	26.3	190	ug/Kg	12/03/25 14:08	PB170797
218-01-9	Chrysene	1300		1	22.7	190	ug/Kg	12/03/25 14:08	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	1	67.7	190	ug/Kg	12/03/25 14:08	PB170797
117-84-0	Di-n-octyl phthalate	99.2	U	1	99.2	380	ug/Kg	12/03/25 14:08	PB170797
205-99-2	Benzo(b)fluoranthene	1700		1	21.7	190	ug/Kg	12/03/25 14:08	PB170797
207-08-9	Benzo(k)fluoranthene	620		1	25.6	190	ug/Kg	12/03/25 14:08	PB170797
50-32-8	Benzo(a)pyrene	1600		1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	670		1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
53-70-3	Dibenzo(a,h)anthracene	240		1	31.3	190	ug/Kg	12/03/25 14:08	PB170797
191-24-2	Benzo(g,h,i)perylene	790		1	29.4	190	ug/Kg	12/03/25 14:08	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.3	U	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 14:08	PB170797

SURROGATES

367-12-4	2-Fluorophenol	52.4		10 - 105	35%	SPK: 150
13127-88-3	Phenol-d6	70.7		10 - 103	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.7		10 - 108	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.4		10 - 108	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	31.9		10 - 116	21%	SPK: 150
1718-51-0	Terphenyl-d14	44.4		10 - 109	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	52500
1146-65-2	Naphthalene-d8	194000
15067-26-2	Acenaphthene-d10	104000
1517-22-2	Phenanthrene-d10	161000
1719-03-5	Chrysene-d12	123000
1520-96-3	Perylene-d12	158000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.3
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 16:06	PB170797
108-95-2	Phenol	25.9	U	1	25.9	200	ug/Kg	12/03/25 16:06	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.5	U	1	28.5	200	ug/Kg	12/03/25 16:06	PB170797
95-57-8	2-Chlorophenol	28.6	U	1	28.6	200	ug/Kg	12/03/25 16:06	PB170797
95-48-7	2-Methylphenol	35.1	U	1	35.1	200	ug/Kg	12/03/25 16:06	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.0	U	1	44.0	200	ug/Kg	12/03/25 16:06	PB170797
98-86-2	Acetophenone	34.6	U	1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
65794-96-9	3+4-Methylphenols	48.2	U	1	48.2	390	ug/Kg	12/03/25 16:06	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.6	U	1	55.6	93.8	ug/Kg	12/03/25 16:06	PB170797
67-72-1	Hexachloroethane	20.6	U	1	20.6	200	ug/Kg	12/03/25 16:06	PB170797
98-95-3	Nitrobenzene	21.5	U	1	21.5	200	ug/Kg	12/03/25 16:06	PB170797
78-59-1	Isophorone	38.5	U	1	38.5	200	ug/Kg	12/03/25 16:06	PB170797
88-75-5	2-Nitrophenol	68.2	U	1	68.2	200	ug/Kg	12/03/25 16:06	PB170797
105-67-9	2,4-Dimethylphenol	76.0	U	1	76.0	200	ug/Kg	12/03/25 16:06	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	1	36.1	200	ug/Kg	12/03/25 16:06	PB170797
120-83-2	2,4-Dichlorophenol	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
91-20-3	Naphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
106-47-8	4-Chloroaniline	41.5	U	1	41.5	200	ug/Kg	12/03/25 16:06	PB170797
87-68-3	Hexachlorobutadiene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
105-60-2	Caprolactam	61.1	UQ	1	61.1	390	ug/Kg	12/03/25 16:06	PB170797
59-50-7	4-Chloro-3-methylphenol	33.7	U	1	33.7	200	ug/Kg	12/03/25 16:06	PB170797
91-57-6	2-Methylnaphthalene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 16:06	PB170797
88-06-2	2,4,6-Trichlorophenol	23.2	U	1	23.2	200	ug/Kg	12/03/25 16:06	PB170797
95-95-4	2,4,5-Trichlorophenol	34.1	U	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
92-52-4	1,1-Biphenyl	25.6	U	1	25.6	200	ug/Kg	12/03/25 16:06	PB170797
91-58-7	2-Chloronaphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 16:06	PB170797
88-74-4	2-Nitroaniline	56.4	U	1	56.4	200	ug/Kg	12/03/25 16:06	PB170797
131-11-3	Dimethylphthalate	31.8	U	1	31.8	200	ug/Kg	12/03/25 16:06	PB170797
208-96-8	Acenaphthylene	33.9	U	1	33.9	200	ug/Kg	12/03/25 16:06	PB170797
606-20-2	2,6-Dinitrotoluene	39.4	U	1	39.4	200	ug/Kg	12/03/25 16:06	PB170797
99-09-2	3-Nitroaniline	53.9	U	1	53.9	200	ug/Kg	12/03/25 16:06	PB170797
83-32-9	Acenaphthene	25.0	U	1	25.0	200	ug/Kg	12/03/25 16:06	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 16:06	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 16:06	PB170797
132-64-9	Dibenzofuran	26.6	U	1	26.6	200	ug/Kg	12/03/25 16:06	PB170797
121-14-2	2,4-Dinitrotoluene	58.7	UQ	1	58.7	200	ug/Kg	12/03/25 16:06	PB170797
84-66-2	Diethylphthalate	33.2	U	1	33.2	200	ug/Kg	12/03/25 16:06	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	1	31.3	200	ug/Kg	12/03/25 16:06	PB170797
86-73-7	Fluorene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
100-01-6	4-Nitroaniline	75.3	U	1	75.3	200	ug/Kg	12/03/25 16:06	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 16:06	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP9-112425
Lab Sample ID: Q3741-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/24/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.2
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.6	U	1	38.6	200	ug/Kg	12/03/25 16:06	PB170797
101-55-3	4-Bromophenyl-phenylether	32.6	U	1	32.6	200	ug/Kg	12/03/25 16:06	PB170797
118-74-1	Hexachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 16:06	PB170797
1912-24-9	Atrazine	39.9	U	1	39.9	200	ug/Kg	12/03/25 16:06	PB170797
87-86-5	Pentachlorophenol	60.2	U	1	60.2	390	ug/Kg	12/03/25 16:06	PB170797
85-01-8	Phenanthrene	250		1	24.5	200	ug/Kg	12/03/25 16:06	PB170797
120-12-7	Anthracene	39.0	U	1	39.0	200	ug/Kg	12/03/25 16:06	PB170797
86-74-8	Carbazole	36.6	U	1	36.6	200	ug/Kg	12/03/25 16:06	PB170797
84-74-2	Di-n-butylphthalate	56.2	U	1	56.2	200	ug/Kg	12/03/25 16:06	PB170797
206-44-0	Fluoranthene	400		1	35.2	200	ug/Kg	12/03/25 16:06	PB170797
129-00-0	Pyrene	280		1	42.2	200	ug/Kg	12/03/25 16:06	PB170797
85-68-7	Butylbenzylphthalate	83.7	U	1	83.7	200	ug/Kg	12/03/25 16:06	PB170797
91-94-1	3,3-Dichlorobenzidine	43.0	U	1	43.0	390	ug/Kg	12/03/25 16:06	PB170797
56-55-3	Benzo(a)anthracene	290		1	27.0	200	ug/Kg	12/03/25 16:06	PB170797
218-01-9	Chrysene	260		1	23.3	200	ug/Kg	12/03/25 16:06	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.4	U	1	69.4	200	ug/Kg	12/03/25 16:06	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 16:06	PB170797
205-99-2	Benzo(b)fluoranthene	480		1	22.3	200	ug/Kg	12/03/25 16:06	PB170797
207-08-9	Benzo(k)fluoranthene	150	J	1	26.3	200	ug/Kg	12/03/25 16:06	PB170797
50-32-8	Benzo(a)pyrene	420		1	34.6	200	ug/Kg	12/03/25 16:06	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	1	34.1	200	ug/Kg	12/03/25 16:06	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797
191-24-2	Benzo(g,h,i)perylene	220		1	30.1	200	ug/Kg	12/03/25 16:06	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	1	30.0	200	ug/Kg	12/03/25 16:06	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	1	32.1	200	ug/Kg	12/03/25 16:06	PB170797

SURROGATES

367-12-4	2-Fluorophenol	57.5			10 - 105	38%	SPK: 150
13127-88-3	Phenol-d6	88.9			10 - 103	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2			10 - 108	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.4			10 - 108	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	36.4			10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	49.2			10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	45100
1146-65-2	Naphthalene-d8	171000
15067-26-2	Acenaphthene-d10	84900
1517-22-2	Phenanthrene-d10	135000
1719-03-5	Chrysene-d12	128000
1520-96-3	Perylene-d12	147000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/24/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP9-112425	SDG No.:	Q3741
Lab Sample ID:	Q3741-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.2
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.03 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	12/03/25 14:56	PB170797
108-95-2	Phenol	26.1	U	1	26.1	200	ug/Kg	12/03/25 14:56	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.7	U	1	28.7	200	ug/Kg	12/03/25 14:56	PB170797
95-57-8	2-Chlorophenol	28.8	U	1	28.8	200	ug/Kg	12/03/25 14:56	PB170797
95-48-7	2-Methylphenol	35.3	U	1	35.3	200	ug/Kg	12/03/25 14:56	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	44.3	U	1	44.3	200	ug/Kg	12/03/25 14:56	PB170797
98-86-2	Acetophenone	34.8	U	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
65794-96-9	3+4-Methylphenols	48.5	U	1	48.5	390	ug/Kg	12/03/25 14:56	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	1	55.9	94.4	ug/Kg	12/03/25 14:56	PB170797
67-72-1	Hexachloroethane	20.8	U	1	20.8	200	ug/Kg	12/03/25 14:56	PB170797
98-95-3	Nitrobenzene	21.6	U	1	21.6	200	ug/Kg	12/03/25 14:56	PB170797
78-59-1	Isophorone	38.7	U	1	38.7	200	ug/Kg	12/03/25 14:56	PB170797
88-75-5	2-Nitrophenol	68.7	U	1	68.7	200	ug/Kg	12/03/25 14:56	PB170797
105-67-9	2,4-Dimethylphenol	76.5	U	1	76.5	200	ug/Kg	12/03/25 14:56	PB170797
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	1	36.3	200	ug/Kg	12/03/25 14:56	PB170797
120-83-2	2,4-Dichlorophenol	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
91-20-3	Naphthalene	310		1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
106-47-8	4-Chloroaniline	41.8	U	1	41.8	200	ug/Kg	12/03/25 14:56	PB170797
87-68-3	Hexachlorobutadiene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
105-60-2	Caprolactam	61.5	UQ	1	61.5	390	ug/Kg	12/03/25 14:56	PB170797
59-50-7	4-Chloro-3-methylphenol	33.9	U	1	33.9	200	ug/Kg	12/03/25 14:56	PB170797
91-57-6	2-Methylnaphthalene	340		1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	12/03/25 14:56	PB170797
88-06-2	2,4,6-Trichlorophenol	23.4	U	1	23.4	200	ug/Kg	12/03/25 14:56	PB170797
95-95-4	2,4,5-Trichlorophenol	34.3	U	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
92-52-4	1,1-Biphenyl	25.7	U	1	25.7	200	ug/Kg	12/03/25 14:56	PB170797
91-58-7	2-Chloronaphthalene	26.6	U	1	26.6	200	ug/Kg	12/03/25 14:56	PB170797
88-74-4	2-Nitroaniline	56.8	U	1	56.8	200	ug/Kg	12/03/25 14:56	PB170797
131-11-3	Dimethylphthalate	32.0	U	1	32.0	200	ug/Kg	12/03/25 14:56	PB170797
208-96-8	Acenaphthylene	34.1	U	1	34.1	200	ug/Kg	12/03/25 14:56	PB170797
606-20-2	2,6-Dinitrotoluene	39.7	U	1	39.7	200	ug/Kg	12/03/25 14:56	PB170797
99-09-2	3-Nitroaniline	54.3	U	1	54.3	200	ug/Kg	12/03/25 14:56	PB170797
83-32-9	Acenaphthene	25.1	U	1	25.1	200	ug/Kg	12/03/25 14:56	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	12/03/25 14:56	PB170797
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	12/03/25 14:56	PB170797
132-64-9	Dibenzofuran	26.8	U	1	26.8	200	ug/Kg	12/03/25 14:56	PB170797
121-14-2	2,4-Dinitrotoluene	59.1	UQ	1	59.1	200	ug/Kg	12/03/25 14:56	PB170797
84-66-2	Diethylphthalate	33.4	U	1	33.4	200	ug/Kg	12/03/25 14:56	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.5	U	1	31.5	200	ug/Kg	12/03/25 14:56	PB170797
86-73-7	Fluorene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
100-01-6	4-Nitroaniline	75.8	U	1	75.8	200	ug/Kg	12/03/25 14:56	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	12/03/25 14:56	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP11-112525
Lab Sample ID: Q3741-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 84.6
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.8	U	1	38.8	200	ug/Kg	12/03/25 14:56	PB170797
101-55-3	4-Bromophenyl-phenylether	32.8	U	1	32.8	200	ug/Kg	12/03/25 14:56	PB170797
118-74-1	Hexachlorobenzene	29.9	U	1	29.9	200	ug/Kg	12/03/25 14:56	PB170797
1912-24-9	Atrazine	40.1	U	1	40.1	200	ug/Kg	12/03/25 14:56	PB170797
87-86-5	Pentachlorophenol	60.5	U	1	60.5	390	ug/Kg	12/03/25 14:56	PB170797
85-01-8	Phenanthrene	310		1	24.7	200	ug/Kg	12/03/25 14:56	PB170797
120-12-7	Anthracene	39.3	U	1	39.3	200	ug/Kg	12/03/25 14:56	PB170797
86-74-8	Carbazole	36.8	U	1	36.8	200	ug/Kg	12/03/25 14:56	PB170797
84-74-2	Di-n-butylphthalate	56.5	U	1	56.5	200	ug/Kg	12/03/25 14:56	PB170797
206-44-0	Fluoranthene	320		1	35.4	200	ug/Kg	12/03/25 14:56	PB170797
129-00-0	Pyrene	290		1	42.5	200	ug/Kg	12/03/25 14:56	PB170797
85-68-7	Butylbenzylphthalate	84.3	U	1	84.3	200	ug/Kg	12/03/25 14:56	PB170797
91-94-1	3,3-Dichlorobenzidine	43.3	U	1	43.3	390	ug/Kg	12/03/25 14:56	PB170797
56-55-3	Benzo(a)anthracene	140	J	1	27.1	200	ug/Kg	12/03/25 14:56	PB170797
218-01-9	Chrysene	180	J	1	23.5	200	ug/Kg	12/03/25 14:56	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	69.9	U	1	69.9	200	ug/Kg	12/03/25 14:56	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	12/03/25 14:56	PB170797
205-99-2	Benzo(b)fluoranthene	180	J	1	22.4	200	ug/Kg	12/03/25 14:56	PB170797
207-08-9	Benzo(k)fluoranthene	26.4	U	1	26.4	200	ug/Kg	12/03/25 14:56	PB170797
50-32-8	Benzo(a)pyrene	140	J	1	34.8	200	ug/Kg	12/03/25 14:56	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	78.7	J	1	34.3	200	ug/Kg	12/03/25 14:56	PB170797
53-70-3	Dibenzo(a,h)anthracene	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797
191-24-2	Benzo(g,h,i)perylene	100	J	1	30.3	200	ug/Kg	12/03/25 14:56	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	U	1	30.2	200	ug/Kg	12/03/25 14:56	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	1	32.3	200	ug/Kg	12/03/25 14:56	PB170797

SURROGATES

367-12-4	2-Fluorophenol	29.7			10 - 105	20%	SPK: 150
13127-88-3	Phenol-d6	45.7			10 - 103	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.2			10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.2			10 - 108	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	23.7			10 - 116	16%	SPK: 150
1718-51-0	Terphenyl-d14	49.4			10 - 109	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	320000
1146-65-2	Naphthalene-d8	1220000
15067-26-2	Acenaphthene-d10	711000
1517-22-2	Phenanthrene-d10	1220000
1719-03-5	Chrysene-d12	1260000
1520-96-3	Perylene-d12	1600000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP11-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.6
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.05 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 20:24	PB170797
108-95-2	Phenol	25.7	U	1	25.7	200	ug/Kg	12/03/25 20:24	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.2	U	1	28.2	200	ug/Kg	12/03/25 20:24	PB170797
95-57-8	2-Chlorophenol	28.3	U	1	28.3	200	ug/Kg	12/03/25 20:24	PB170797
95-48-7	2-Methylphenol	34.7	U	1	34.7	200	ug/Kg	12/03/25 20:24	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.5	U	1	43.5	200	ug/Kg	12/03/25 20:24	PB170797
98-86-2	Acetophenone	34.3	U	1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
65794-96-9	3+4-Methylphenols	47.7	U	1	47.7	380	ug/Kg	12/03/25 20:24	PB170797
621-64-7	n-Nitroso-di-n-propylamine	55.0	U	1	55.0	92.9	ug/Kg	12/03/25 20:24	PB170797
67-72-1	Hexachloroethane	20.4	U	1	20.4	200	ug/Kg	12/03/25 20:24	PB170797
98-95-3	Nitrobenzene	21.2	U	1	21.2	200	ug/Kg	12/03/25 20:24	PB170797
78-59-1	Isophorone	38.1	U	1	38.1	200	ug/Kg	12/03/25 20:24	PB170797
88-75-5	2-Nitrophenol	67.6	U	1	67.6	200	ug/Kg	12/03/25 20:24	PB170797
105-67-9	2,4-Dimethylphenol	75.2	U	1	75.2	200	ug/Kg	12/03/25 20:24	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.8	U	1	35.8	200	ug/Kg	12/03/25 20:24	PB170797
120-83-2	2,4-Dichlorophenol	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
91-20-3	Naphthalene	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
106-47-8	4-Chloroaniline	41.1	U	1	41.1	200	ug/Kg	12/03/25 20:24	PB170797
87-68-3	Hexachlorobutadiene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
105-60-2	Caprolactam	60.5	UQ	1	60.5	380	ug/Kg	12/03/25 20:24	PB170797
59-50-7	4-Chloro-3-methylphenol	33.3	U	1	33.3	200	ug/Kg	12/03/25 20:24	PB170797
91-57-6	2-Methylnaphthalene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 20:24	PB170797
88-06-2	2,4,6-Trichlorophenol	23.0	U	1	23.0	200	ug/Kg	12/03/25 20:24	PB170797
95-95-4	2,4,5-Trichlorophenol	33.8	U	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
92-52-4	1,1-Biphenyl	25.3	U	1	25.3	200	ug/Kg	12/03/25 20:24	PB170797
91-58-7	2-Chloronaphthalene	26.1	U	1	26.1	200	ug/Kg	12/03/25 20:24	PB170797
88-74-4	2-Nitroaniline	55.8	U	1	55.8	200	ug/Kg	12/03/25 20:24	PB170797
131-11-3	Dimethylphthalate	31.5	U	1	31.5	200	ug/Kg	12/03/25 20:24	PB170797
208-96-8	Acenaphthylene	33.6	U	1	33.6	200	ug/Kg	12/03/25 20:24	PB170797
606-20-2	2,6-Dinitrotoluene	39.0	U	1	39.0	200	ug/Kg	12/03/25 20:24	PB170797
99-09-2	3-Nitroaniline	53.4	U	1	53.4	200	ug/Kg	12/03/25 20:24	PB170797
83-32-9	Acenaphthene	24.7	U	1	24.7	200	ug/Kg	12/03/25 20:24	PB170797
51-28-5	2,4-Dinitrophenol	270	U	1	270	380	ug/Kg	12/03/25 20:24	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797
132-64-9	Dibenzofuran	26.4	U	1	26.4	200	ug/Kg	12/03/25 20:24	PB170797
121-14-2	2,4-Dinitrotoluene	58.2	UQ	1	58.2	200	ug/Kg	12/03/25 20:24	PB170797
84-66-2	Diethylphthalate	32.9	U	1	32.9	200	ug/Kg	12/03/25 20:24	PB170797
7005-72-3	4-Chlorophenyl-phenylether	31.0	U	1	31.0	200	ug/Kg	12/03/25 20:24	PB170797
86-73-7	Fluorene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
100-01-6	4-Nitroaniline	74.5	U	1	74.5	200	ug/Kg	12/03/25 20:24	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 20:24	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525
Lab Sample ID: Q3741-06
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.2	U	1	38.2	200	ug/Kg	12/03/25 20:24	PB170797
101-55-3	4-Bromophenyl-phenylether	32.3	U	1	32.3	200	ug/Kg	12/03/25 20:24	PB170797
118-74-1	Hexachlorobenzene	29.4	U	1	29.4	200	ug/Kg	12/03/25 20:24	PB170797
1912-24-9	Atrazine	39.5	U	1	39.5	200	ug/Kg	12/03/25 20:24	PB170797
87-86-5	Pentachlorophenol	59.6	U	1	59.6	380	ug/Kg	12/03/25 20:24	PB170797
85-01-8	Phenanthrene	420		1	24.3	200	ug/Kg	12/03/25 20:24	PB170797
120-12-7	Anthracene	38.7	U	1	38.7	200	ug/Kg	12/03/25 20:24	PB170797
86-74-8	Carbazole	36.2	U	1	36.2	200	ug/Kg	12/03/25 20:24	PB170797
84-74-2	Di-n-butylphthalate	55.6	U	1	55.6	200	ug/Kg	12/03/25 20:24	PB170797
206-44-0	Fluoranthene	420		1	34.8	200	ug/Kg	12/03/25 20:24	PB170797
129-00-0	Pyrene	420		1	41.8	200	ug/Kg	12/03/25 20:24	PB170797
85-68-7	Butylbenzylphthalate	82.9	U	1	82.9	200	ug/Kg	12/03/25 20:24	PB170797
91-94-1	3,3-Dichlorobenzidine	42.6	U	1	42.6	380	ug/Kg	12/03/25 20:24	PB170797
56-55-3	Benzo(a)anthracene	250		1	26.7	200	ug/Kg	12/03/25 20:24	PB170797
218-01-9	Chrysene	270		1	23.1	200	ug/Kg	12/03/25 20:24	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.7	U	1	68.7	200	ug/Kg	12/03/25 20:24	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 20:24	PB170797
205-99-2	Benzo(b)fluoranthene	310		1	22.1	200	ug/Kg	12/03/25 20:24	PB170797
207-08-9	Benzo(k)fluoranthene	120	J	1	26.0	200	ug/Kg	12/03/25 20:24	PB170797
50-32-8	Benzo(a)pyrene	280		1	34.3	200	ug/Kg	12/03/25 20:24	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	1	33.8	200	ug/Kg	12/03/25 20:24	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797
191-24-2	Benzo(g,h,i)perylene	170	J	1	29.8	200	ug/Kg	12/03/25 20:24	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.7	U	1	29.7	200	ug/Kg	12/03/25 20:24	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.8	U	1	31.8	200	ug/Kg	12/03/25 20:24	PB170797

SURROGATES

367-12-4	2-Fluorophenol	56.6			10 - 105	38%	SPK: 150
13127-88-3	Phenol-d6	76.5			10 - 103	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.6			10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.0			10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	41.5			10 - 116	28%	SPK: 150
1718-51-0	Terphenyl-d14	53.5			10 - 109	54%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	317000
1146-65-2	Naphthalene-d8	1280000
15067-26-2	Acenaphthene-d10	788000
1517-22-2	Phenanthrene-d10	1230000
1719-03-5	Chrysene-d12	1200000
1520-96-3	Perylene-d12	1570000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525	SDG No.:	Q3741
Lab Sample ID:	Q3741-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.9
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.08 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170797BL	PB170797BL	2-Fluorophenol	150	131	87		10	105
		Phenol-d6	150	121	80		10	103
		Nitrobenzene-d5	100	86.9	87		10	108
		2-Fluorobiphenyl	100	93.0	93		10	108
		2,4,6-Tribromophenol	150	132	88		10	116
		Terphenyl-d14	100	96.9	97		10	109
PB170797BS	PB170797BS	2-Fluorophenol	150	116	78		10	105
		Phenol-d6	150	111	74		10	103
		Nitrobenzene-d5	100	75.9	76		10	108
		2-Fluorobiphenyl	100	84.9	85		10	108
		2,4,6-Tribromophenol	150	116	77		10	116
		Terphenyl-d14	100	79.1	79		10	109
Q3741-01	B50-SP3-111925	2-Fluorophenol	150	39.3	26		10	105
		Phenol-d6	150	38.5	26		10	103
		Nitrobenzene-d5	100	28.2	28		10	108
		2-Fluorobiphenyl	100	31.0	31		10	108
		2,4,6-Tribromophenol	150	34.2	23		10	116
		Terphenyl-d14	100	22.5	22		10	109
Q3741-02	B50-SP13-112025	2-Fluorophenol	150	36.2	24		10	105
		Phenol-d6	150	36.4	24		10	103
		Nitrobenzene-d5	100	25.9	26		10	108
		2-Fluorobiphenyl	100	26.8	27		10	108
		2,4,6-Tribromophenol	150	32.1	21		10	116
		Terphenyl-d14	100	20.6	21		10	109
Q3741-03	B50-SP14-112025	2-Fluorophenol	150	52.4	35		10	105
		Phenol-d6	150	70.7	47		10	103
		Nitrobenzene-d5	100	48.7	49		10	108
		2-Fluorobiphenyl	100	51.4	51		10	108
		2,4,6-Tribromophenol	150	31.9	21		10	116
		Terphenyl-d14	100	44.4	44		10	109
Q3741-04	B50-SP9-112425	2-Fluorophenol	150	57.5	38		10	105
		Phenol-d6	150	88.9	59		10	103
		Nitrobenzene-d5	100	64.2	64		10	108
		2-Fluorobiphenyl	100	68.4	68		10	108
		2,4,6-Tribromophenol	150	36.4	24		10	116
		Terphenyl-d14	100	49.2	49		10	109
Q3741-05	B50-SP11-112525	2-Fluorophenol	150	29.7	20		10	105
		Phenol-d6	150	45.7	30		10	103
		Nitrobenzene-d5	100	48.2	48		10	108
		2-Fluorobiphenyl	100	52.2	52		10	108
		2,4,6-Tribromophenol	150	23.7	16		10	116
		Terphenyl-d14	100	49.4	49		10	109
Q3741-06	B50-SP4-112525	2-Fluorophenol	150	56.6	38		10	105
		Phenol-d6	150	76.5	51		10	103
		Nitrobenzene-d5	100	53.6	54		10	108
		2-Fluorobiphenyl	100	59.0	59		10	108
		2,4,6-Tribromophenol	150	41.5	28		10	116
		Terphenyl-d14	100	53.5	54		10	109
Q3741-06MS	B50-SP4-112525MS	2-Fluorophenol	150	59.1	39		10	105
		Phenol-d6	150	79.0	53		10	103
		Nitrobenzene-d5	100	56.4	56		10	108

Surrogate Summary

SW-846

SDG No.: Q3741

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3741-06MS	B50-SP4-112525MS	2-Fluorobiphenyl	100	60.6	61		10	108
		2,4,6-Tribromophenol	150	50.8	34		10	116
		Terphenyl-d14	100	63.6	64		10	109
Q3741-06MSD	B50-SP4-112525MSD	2-Fluorophenol	150	55.1	37		10	105
		Phenol-d6	150	72.3	48		10	103
		Nitrobenzene-d5	100	53.8	54		10	108
		2-Fluorobiphenyl	100	58.6	59		10	108
		2,4,6-Tribromophenol	150	48.5	32		10	116
		Terphenyl-d14	100	57.3	57		10	109

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026236.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3741-06MS		Client Sample ID: B50-SP4-112525MS									
Benzaldehyde	1900	0	2100	ug/Kg	111				20	111	
Phenol	1900	0	1700	ug/Kg	89				51	122	
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89				67	110	
2-Chlorophenol	1900	0	1800	ug/Kg	95				67	119	
2-Methylphenol	1900	0	1700	ug/Kg	89				68	116	
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84				59	113	
Acetophenone	1900	0	1700	ug/Kg	89				55	128	
3+4-Methylphenols	1900	0	1700	ug/Kg	89				70	111	
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84				59	119	
Hexachloroethane	1900	0	1700	ug/Kg	89				65	115	
Nitrobenzene	1900	0	1700	ug/Kg	89				66	120	
Isophorone	1900	0	1600	ug/Kg	84				67	113	
2-Nitrophenol	1900	0	1800	ug/Kg	95				69	135	
2,4-Dimethylphenol	1900	0	1700	ug/Kg	89				63	151	
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84				70	112	
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95				70	121	
Naphthalene	1900	0	1700	ug/Kg	89				66	113	
4-Chloroaniline	1900	0	370	ug/Kg	19				10	100	
Hexachlorobutadiene	1900	0	1800	ug/Kg	95				67	118	
Caprolactam	1900	0	1400	ug/Kg	74				51	134	
4-Chloro-3-methylphenol	1900	0	1700	ug/Kg	89				71	118	
2-Methylnaphthalene	1900	0	1600	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	3900	0	3200	ug/Kg	82				16	175	
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100				67	128	
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95				69	123	
1,1-Biphenyl	1900	0	1800	ug/Kg	95				69	126	
2-Chloronaphthalene	1900	0	1800	ug/Kg	95				71	113	
2-Nitroaniline	1900	0	1700	ug/Kg	89				73	125	
Dimethylphthalate	1900	0	1700	ug/Kg	89				72	116	
Acenaphthylene	1900	0	1800	ug/Kg	95				69	128	
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100				67	141	
3-Nitroaniline	1900	0	540	ug/Kg	28				28	102	
Acenaphthene	1900	0	1700	ug/Kg	89				70	121	
2,4-Dinitrophenol	3900	0	2800	ug/Kg	72				10	164	
4-Nitrophenol	3900	0	2800	ug/Kg	72				49	133	
Dibenzofuran	1900	0	1800	ug/Kg	95				71	111	
2,4-Dinitrotoluene	1900	0	1700	ug/Kg	89				73	130	
Diethylphthalate	1900	0	1700	ug/Kg	89				73	116	
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89				72	112	
Fluorene	1900	0	1700	ug/Kg	89				67	114	
4-Nitroaniline	1900	0	1200	ug/Kg	63				61	128	
4,6-Dinitro-2-methylphenol	1900	0	1600	ug/Kg	84				25	163	
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900	0	2000	ug/Kg	105				67	118	
Atrazine	1900	0	1800	ug/Kg	95				79	127	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026236.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	3600	ug/Kg	92				39	145	
Phenanthrene	1900	420	2200	ug/Kg	94				52	128	
Anthracene	1900	0	1900	ug/Kg	100				62	124	
Carbazole	1900	0	1700	ug/Kg	89				73	115	
Di-n-butylphthalate	1900	0	1800	ug/Kg	95				72	129	
Fluoranthene	1900	420	2100	ug/Kg	88				31	152	
Pyrene	1900	420	2300	ug/Kg	99				37	122	
Butylbenzylphthalate	1900	0	1900	ug/Kg	100				59	151	
3,3-Dichlorobenzidine	1900	0	690	ug/Kg	36				10	116	
Benzo(a)anthracene	1900	250	2000	ug/Kg	92				53	119	
Chrysene	1900	270	2100	ug/Kg	96				57	121	
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95				64	139	
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89				51	156	
Benzo(b)fluoranthene	1900	310	2100	ug/Kg	94				52	117	
Benzo(k)fluoranthene	1900	120	2000	ug/Kg	99				57	134	
Benzo(a)pyrene	1900	280	2100	ug/Kg	96				70	142	
Indeno(1,2,3-cd)pyrene	1900	140	2000	ug/Kg	98				48	129	
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1900	170	2000	ug/Kg	96				40	133	
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100				65	132	
2,3,4,6-Tetrachlorophenol	1900	0	1800	ug/Kg	95				56	141	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026237.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3741-06MSD		Client Sample ID: B50-SP4-112525MSD									
Benzaldehyde	1900	0	2000	ug/Kg	105		6		20	111	20
Phenol	1900	0	1600	ug/Kg	84		6		51	122	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		6		67	110	20
2-Chlorophenol	1900	0	1600	ug/Kg	84		12		67	119	20
2-Methylphenol	1900	0	1600	ug/Kg	84		6		68	116	20
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79		6		59	113	20
Acetophenone	1900	0	1600	ug/Kg	84		6		55	128	20
3+4-Methylphenols	1900	0	1500	ug/Kg	79		12		70	111	20
N-Nitroso-di-n-propylamine	1900	0	1500	ug/Kg	79		6		59	119	20
Hexachloroethane	1900	0	1700	ug/Kg	89		0		65	115	20
Nitrobenzene	1900	0	1600	ug/Kg	84		6		66	120	20
Isophorone	1900	0	1500	ug/Kg	79		6		67	113	20
2-Nitrophenol	1900	0	1700	ug/Kg	89		7		69	135	16
2,4-Dimethylphenol	1900	0	1600	ug/Kg	84		6		63	151	20
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84		0		70	112	20
2,4-Dichlorophenol	1900	0	1600	ug/Kg	84		12		70	121	20
Naphthalene	1900	0	1600	ug/Kg	84		6		66	113	20
4-Chloroaniline	1900	0	360	ug/Kg	19		0		10	100	25
Hexachlorobutadiene	1900	0	1800	ug/Kg	95		0		67	118	16
Caprolactam	1900	0	1300	ug/Kg	68		8		51	134	25
4-Chloro-3-methylphenol	1900	0	1500	ug/Kg	79		12		71	118	20
2-Methylnaphthalene	1900	0	1500	ug/Kg	79		6		59	123	20
Hexachlorocyclopentadiene	3900	0	3400	ug/Kg	87		6		16	175	20
2,4,6-Trichlorophenol	1900	0	1800	ug/Kg	95		5		67	128	16
2,4,5-Trichlorophenol	1900	0	1800	ug/Kg	95		0		69	123	16
1,1-Biphenyl	1900	0	1800	ug/Kg	95		0		69	126	20
2-Chloronaphthalene	1900	0	1700	ug/Kg	89		7		71	113	20
2-Nitroaniline	1900	0	1600	ug/Kg	84		6		73	125	16
Dimethylphthalate	1900	0	1700	ug/Kg	89		0		72	116	20
Acenaphthylene	1900	0	1800	ug/Kg	95		0		69	128	15
2,6-Dinitrotoluene	1900	0	1800	ug/Kg	95		5		67	141	20
3-Nitroaniline	1900	0	570	ug/Kg	30		7		28	102	20
Acenaphthene	1900	0	1700	ug/Kg	89		0		70	121	16
2,4-Dinitrophenol	3900	0	3000	ug/Kg	77		7		10	164	30
4-Nitrophenol	3900	0	2700	ug/Kg	69		4		49	133	20
Dibenzofuran	1900	0	1700	ug/Kg	89		7		71	111	20
2,4-Dinitrotoluene	1900	0	1600	ug/Kg	84		6		73	130	20
Diethylphthalate	1900	0	1600	ug/Kg	84		6		73	116	20
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89		0		72	112	20
Fluorene	1900	0	1700	ug/Kg	89		0		67	114	20
4-Nitroaniline	1900	0	1100	ug/Kg	58	*	8		61	128	20
4,6-Dinitro-2-methylphenol	1900	0	1700	ug/Kg	89		6		25	163	30
N-Nitrosodiphenylamine	1900	0	1800	ug/Kg	95		5		73	118	20
4-Bromophenyl-phenylether	1900	0	1900	ug/Kg	100		5		65	121	20
Hexachlorobenzene	1900	0	1900	ug/Kg	100		5		67	118	20
Atrazine	1900	0	1700	ug/Kg	89		7		79	127	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BP026237.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	3500	ug/Kg	90		2		39	145	20
Phenanthrene	1900	420	2100	ug/Kg	88		7		52	128	20
Anthracene	1900	0	1800	ug/Kg	95		5		62	124	20
Carbazole	1900	0	1700	ug/Kg	89		0		73	115	20
Di-n-butylphthalate	1900	0	1700	ug/Kg	89		7		72	129	20
Fluoranthene	1900	420	2100	ug/Kg	88		0		31	152	20
Pyrene	1900	420	2100	ug/Kg	88		12		37	122	27
Butylbenzylphthalate	1900	0	1700	ug/Kg	89		12		59	151	20
3,3-Dichlorobenzidine	1900	0	630	ug/Kg	33		9		10	116	20
Benzo(a)anthracene	1900	250	1900	ug/Kg	87		6		53	119	20
Chrysene	1900	270	1900	ug/Kg	86		11		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	1700	ug/Kg	89		7		64	139	20
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89		0		51	156	20
Benzo(b)fluoranthene	1900	310	2000	ug/Kg	89		5		52	117	20
Benzo(k)fluoranthene	1900	120	1800	ug/Kg	88		12		57	134	20
Benzo(a)pyrene	1900	280	2000	ug/Kg	91		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	140	1900	ug/Kg	93		5		48	129	20
Dibenz(a,h)anthracene	1900	0	1800	ug/Kg	95		5		43	123	20
Benzo(g,h,i)perylene	1900	170	2000	ug/Kg	96		0		40	133	20
1,2,4,5-Tetrachlorobenzene	1900	0	1900	ug/Kg	100		0		65	132	20
2,3,4,6-Tetrachlorophenol	1900	0	1700	ug/Kg	89		7		56	141	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method:

8270E

Client: Core Environmental Consultants and Services, Inc.

DataFile:

BP026226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170797BS	Benzaldehyde	1700	970	ug/Kg	57				10	133	
	Phenol	1700	1300	ug/Kg	76				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1300	ug/Kg	76				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				75	113	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				61	130	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	700	ug/Kg	41				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				68	108	
	Caprolactam	1700	1100	ug/Kg	65		*		67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				74	106	
	2-Methylnaphthalene	1700	1200	ug/Kg	71				60	104	
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				74	110	
	1,1-Biphenyl	1700	1600	ug/Kg	94				71	110	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70	103	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1300	ug/Kg	76				76	101	
	Acenaphthylene	1700	1400	ug/Kg	82				76	111	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				78	116	
	3-Nitroaniline	1700	970	ug/Kg	57				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				73	105	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				59	137	
	4-Nitrophenol	3300	2200	ug/Kg	67				60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1300	ug/Kg	76		*		78	115	
	Diethylphthalate	1700	1300	ug/Kg	76				76	104	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1100	ug/Kg	65				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3741

Analytical Method: 8270E

Client: Core Environmental Consultants and Services, Inc.

DataFile: BP026226.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170797BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1400	ug/Kg	82				71	122	
	Pentachlorophenol	3300	2900	ug/Kg	88				56	129	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Carbazole	1700	1400	ug/Kg	82				76	103	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				76	110	
	Fluoranthene	1700	1400	ug/Kg	82				73	105	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1400	ug/Kg	82				75	120	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				31	94	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				77	113	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				76	110	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				75	108	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				71	118	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170797BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: BP026225.D

Lab Sample ID: PB170797BL

Instrument ID: BNA_P

Date Extracted: 12/03/2025

Matrix: (soil/water) SOIL

Date Analyzed: 12/03/2025

Level: (low/med) LOW

Time Analyzed: 13:34

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170797BS	PB170797BS	BP026226.D	12/03/2025
B50-SP11-112525	Q3741-05	BP026227.D	12/03/2025
B50-SP4-112525	Q3741-06	BP026235.D	12/03/2025
B50-SP4-112525MS	Q3741-06MS	BP026236.D	12/03/2025
B50-SP4-112525MSD	Q3741-06MSD	BP026237.D	12/03/2025
B50-SP3-111925	Q3741-01	BF144419.D	12/03/2025
B50-SP13-112025	Q3741-02	BF144420.D	12/03/2025
B50-SP14-112025	Q3741-03	BF144417.D	12/03/2025
B50-SP9-112425	Q3741-04	BF144421.D	12/03/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3741

Lab File ID: BF144414.D

DFTPP Injection Date: 12/03/2025

Instrument ID: BNA_F

DFTPP Injection Time: 11:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.7) 1
69	Mass 69 relative abundance	16.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	3.8
365	Greater than 1% of mass 198	2.5
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144415.D	12/03/2025	12:25
B50-SP14-112025	Q3741-03	BF144417.D	12/03/2025	14:08
B50-SP3-111925	Q3741-01	BF144419.D	12/03/2025	15:07
B50-SP13-112025	Q3741-02	BF144420.D	12/03/2025	15:36
B50-SP9-112425	Q3741-04	BF144421.D	12/03/2025	16:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026142.D
Instrument ID: BNA_P

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	88.7
443	15.0 - 24.0% of mass 442	17.3 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026223.D
Instrument ID: BNA_P

Contract: CORE02
SDG NO.: Q3741
DFTPP Injection Date: 12/03/2025
DFTPP Injection Time: 12:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.7 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026224.D	12/03/2025	12:53
PB170797BL	PB170797BL	BP026225.D	12/03/2025	13:34
PB170797BS	PB170797BS	BP026226.D	12/03/2025	14:15
B50-SP11-112525	Q3741-05	BP026227.D	12/03/2025	14:56
B50-SP4-112525	Q3741-06	BP026235.D	12/03/2025	20:24
B50-SP4-112525MS	Q3741-06MS	BP026236.D	12/03/2025	21:05
B50-SP4-112525MSD	Q3741-06MSD	BP026237.D	12/03/2025	21:46

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID : SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BF144415.D

Time Analyzed: 12:25

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	58261	6.863	220069	8.15	120401	9.90
UPPER LIMIT	116522	7.363	440138	8.645	240802	10.404
LOWER LIMIT	29130.5	6.363	110035	7.645	60200.5	9.404
EPA SAMPLE NO.						
01 B50-SP14-112025	52469	6.86	193698	8.14	103555	9.90
02 B50-SP3-111925	81142	6.86	286107	8.15	142110	9.90
03 B50-SP13-112025	88360	6.86	321604	8.15	169125	9.90
04 B50-SP9-112425	45091	6.86	171081	8.15	84880	9.90

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID: SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BF144415.D

Time Analyzed: 12:25

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	192871	11.392	142815	14.045	191200	15.527
UPPER LIMIT	385742	11.892	285630	14.545	382400	16.027
LOWER LIMIT	96435.5	10.892	71407.5	13.545	95600	15.027
EPA SAMPLE NO.						
01 B50-SP14-112025	160944	11.39	122787	14.05	158132	15.53
02 B50-SP3-111925	237809	11.39	247413	14.05	282719	15.53
03 B50-SP13-112025	275703	11.39	255767	14.05	296885	15.53
04 B50-SP9-112425	134914	11.39	128244	14.05	147094	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID : SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BP026224.D

Time Analyzed: 12:53

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	366422	7.66	1506570	10.42	920814	14.28
UPPER LIMIT	732844	8.16	3013140	10.919	1841630	14.778
LOWER LIMIT	183211	7.16	753285	9.919	460407	13.778
EPA SAMPLE NO.						
01 PB170797BL	285794	7.66	1072100	10.42	645861	14.29
02 PB170797BS	297525	7.66	1147080	10.42	649211	14.29
03 B50-SP11-112525	319635	7.66	1223620	10.42	711475	14.29
04 B50-SP4-112525	316661	7.66	1283090	10.43	788396	14.28
05 B50-SP4-112525MS	313434	7.66	1249990	10.43	745833	14.28
06 B50-SP4-112525MSD	295680	7.66	1135350	10.42	627837	14.28

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3741

Client ID: SSTDCCC040

Date Analyzed: 12/03/2025

Lab File ID: BP026224.D

Time Analyzed: 12:53

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1659590	17.084	1437930	21.542	1741660	24.836
UPPER LIMIT	3319180	17.584	2875860	22.042	3483320	25.336
LOWER LIMIT	829795	16.584	718965	21.042	870830	24.336
EPA SAMPLE NO.						
01 PB170797BL	1175120	17.09	1097050	21.54	1301680	24.83
02 PB170797BS	1165560	17.10	1286130	21.55	1348430	24.84
03 B50-SP11-112525	1217450	17.10	1263320	21.53	1598660	24.83
04 B50-SP4-112525	1231670	17.09	1204290	21.53	1573380	24.82
05 B50-SP4-112525MS	1318460	17.08	1246070	21.53	1484000	24.82
06 B50-SP4-112525MSD	1150580	17.08	1237510	21.54	1496010	24.83

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BL
Lab Sample ID: PB170797BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
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	160	U	1	160	330	ug/Kg	12/03/25 13:34	PB170797
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	12/03/25 13:34	PB170797
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	12/03/25 13:34	PB170797
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	12/03/25 13:34	PB170797
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	12/03/25 13:34	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	12/03/25 13:34	PB170797
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	12/03/25 13:34	PB170797
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	12/03/25 13:34	PB170797
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	12/03/25 13:34	PB170797
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	12/03/25 13:34	PB170797
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	12/03/25 13:34	PB170797
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	12/03/25 13:34	PB170797
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	12/03/25 13:34	PB170797
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	12/03/25 13:34	PB170797
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	12/03/25 13:34	PB170797
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	12/03/25 13:34	PB170797
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	12/03/25 13:34	PB170797
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	12/03/25 13:34	PB170797
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	12/03/25 13:34	PB170797
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	12/03/25 13:34	PB170797
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	12/03/25 13:34	PB170797
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	12/03/25 13:34	PB170797
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	12/03/25 13:34	PB170797
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	12/03/25 13:34	PB170797
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	12/03/25 13:34	PB170797
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	12/03/25 13:34	PB170797
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	12/03/25 13:34	PB170797
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	12/03/25 13:34	PB170797
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	12/03/25 13:34	PB170797
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	12/03/25 13:34	PB170797
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	12/03/25 13:34	PB170797
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	12/03/25 13:34	PB170797
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	12/03/25 13:34	PB170797
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	12/03/25 13:34	PB170797
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	12/03/25 13:34	PB170797
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	12/03/25 13:34	PB170797
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	12/03/25 13:34	PB170797
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	12/03/25 13:34	PB170797
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	12/03/25 13:34	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	12/03/25 13:34	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BL
Lab Sample ID: PB170797BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	12/03/25 13:34	PB170797
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	12/03/25 13:34	PB170797
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	12/03/25 13:34	PB170797
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	12/03/25 13:34	PB170797
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	12/03/25 13:34	PB170797
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	12/03/25 13:34	PB170797
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	12/03/25 13:34	PB170797
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	12/03/25 13:34	PB170797
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	12/03/25 13:34	PB170797
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	12/03/25 13:34	PB170797
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	12/03/25 13:34	PB170797
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	12/03/25 13:34	PB170797
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	12/03/25 13:34	PB170797
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	12/03/25 13:34	PB170797
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	12/03/25 13:34	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	12/03/25 13:34	PB170797
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	12/03/25 13:34	PB170797
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	12/03/25 13:34	PB170797
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	12/03/25 13:34	PB170797
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	12/03/25 13:34	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	12/03/25 13:34	PB170797
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	12/03/25 13:34	PB170797
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	12/03/25 13:34	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	12/03/25 13:34	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	12/03/25 13:34	PB170797

SURROGATES

367-12-4	2-Fluorophenol	131		10 - 105	87%	SPK: 150
13127-88-3	Phenol-d6	121		10 - 103	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.9		10 - 108	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.0		10 - 108	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		10 - 116	88%	SPK: 150
1718-51-0	Terphenyl-d14	96.9		10 - 109	97%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	286000
1146-65-2	Naphthalene-d8	1070000
15067-26-2	Acenaphthene-d10	646000
1517-22-2	Phenanthrene-d10	1180000
1719-03-5	Chrysene-d12	1100000
1520-96-3	Perylene-d12	1300000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Building 50 Probe Investigation		Date Received:	
Client Sample ID:	PB170797BL		SDG No.:	Q3741
Lab Sample ID:	PB170797BL		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BS
Lab Sample ID: PB170797BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
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	970		1	160	330	ug/Kg	12/03/25 14:15	PB170797
108-95-2	Phenol	1300		1	22.1	170	ug/Kg	12/03/25 14:15	PB170797
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	12/03/25 14:15	PB170797
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	12/03/25 14:15	PB170797
95-48-7	2-Methylphenol	1300		1	29.9	170	ug/Kg	12/03/25 14:15	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	12/03/25 14:15	PB170797
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	12/03/25 14:15	PB170797
65794-96-9	3+4-Methylphenols	1300		1	41.1	330	ug/Kg	12/03/25 14:15	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1200		1	47.4	79.9	ug/Kg	12/03/25 14:15	PB170797
67-72-1	Hexachloroethane	1400		1	17.6	170	ug/Kg	12/03/25 14:15	PB170797
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	12/03/25 14:15	PB170797
78-59-1	Isophorone	1300		1	32.8	170	ug/Kg	12/03/25 14:15	PB170797
88-75-5	2-Nitrophenol	1400		1	58.1	170	ug/Kg	12/03/25 14:15	PB170797
105-67-9	2,4-Dimethylphenol	1300		1	64.7	170	ug/Kg	12/03/25 14:15	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	170	ug/Kg	12/03/25 14:15	PB170797
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	12/03/25 14:15	PB170797
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	12/03/25 14:15	PB170797
106-47-8	4-Chloroaniline	700		1	35.4	170	ug/Kg	12/03/25 14:15	PB170797
87-68-3	Hexachlorobutadiene	1500		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
105-60-2	Caprolactam	1100		1	52.0	330	ug/Kg	12/03/25 14:15	PB170797
59-50-7	4-Chloro-3-methylphenol	1300		1	28.7	170	ug/Kg	12/03/25 14:15	PB170797
91-57-6	2-Methylnaphthalene	1200		1	25.6	170	ug/Kg	12/03/25 14:15	PB170797
77-47-4	Hexachlorocyclopentadiene	2600		1	120	330	ug/Kg	12/03/25 14:15	PB170797
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	12/03/25 14:15	PB170797
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	12/03/25 14:15	PB170797
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	12/03/25 14:15	PB170797
91-58-7	2-Chloronaphthalene	1500		1	22.5	170	ug/Kg	12/03/25 14:15	PB170797
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	12/03/25 14:15	PB170797
131-11-3	Dimethylphthalate	1300		1	27.1	170	ug/Kg	12/03/25 14:15	PB170797
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	12/03/25 14:15	PB170797
606-20-2	2,6-Dinitrotoluene	1500		1	33.6	170	ug/Kg	12/03/25 14:15	PB170797
99-09-2	3-Nitroaniline	970		1	46.0	170	ug/Kg	12/03/25 14:15	PB170797
83-32-9	Acenaphthene	1400		1	21.3	170	ug/Kg	12/03/25 14:15	PB170797
51-28-5	2,4-Dinitrophenol	2700	E	1	230	330	ug/Kg	12/03/25 14:15	PB170797
100-02-7	4-Nitrophenol	2200		1	110	330	ug/Kg	12/03/25 14:15	PB170797
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	12/03/25 14:15	PB170797
121-14-2	2,4-Dinitrotoluene	1300		1	50.0	170	ug/Kg	12/03/25 14:15	PB170797
84-66-2	Diethylphthalate	1300		1	28.3	170	ug/Kg	12/03/25 14:15	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	12/03/25 14:15	PB170797
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
100-01-6	4-Nitroaniline	1100		1	64.1	170	ug/Kg	12/03/25 14:15	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	12/03/25 14:15	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: PB170797BS
Lab Sample ID: PB170797BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected:
Date Received:
SDG No.: Q3741
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA

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	12/03/25 14:15	PB170797
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	170	ug/Kg	12/03/25 14:15	PB170797
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	12/03/25 14:15	PB170797
1912-24-9	Atrazine	1400		1	34.0	170	ug/Kg	12/03/25 14:15	PB170797
87-86-5	Pentachlorophenol	2900	E	1	51.2	330	ug/Kg	12/03/25 14:15	PB170797
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	12/03/25 14:15	PB170797
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	12/03/25 14:15	PB170797
86-74-8	Carbazole	1400		1	31.2	170	ug/Kg	12/03/25 14:15	PB170797
84-74-2	Di-n-butylphthalate	1400		1	47.9	170	ug/Kg	12/03/25 14:15	PB170797
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	12/03/25 14:15	PB170797
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	12/03/25 14:15	PB170797
85-68-7	Butylbenzylphthalate	1400		1	71.3	170	ug/Kg	12/03/25 14:15	PB170797
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	12/03/25 14:15	PB170797
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	12/03/25 14:15	PB170797
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	12/03/25 14:15	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	12/03/25 14:15	PB170797
117-84-0	Di-n-octyl phthalate	1400		1	86.7	330	ug/Kg	12/03/25 14:15	PB170797
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	12/03/25 14:15	PB170797
207-08-9	Benzo(k)fluoranthene	1600		1	22.4	170	ug/Kg	12/03/25 14:15	PB170797
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	12/03/25 14:15	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	12/03/25 14:15	PB170797
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	12/03/25 14:15	PB170797
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	12/03/25 14:15	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		1	25.6	170	ug/Kg	12/03/25 14:15	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1400		1	27.4	170	ug/Kg	12/03/25 14:15	PB170797

SURROGATES

367-12-4	2-Fluorophenol	116			10 - 105	78%	SPK: 150
13127-88-3	Phenol-d6	111			10 - 103	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.9			10 - 108	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.9			10 - 108	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116			10 - 116	77%	SPK: 150
1718-51-0	Terphenyl-d14	79.1			10 - 109	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	298000
1146-65-2	Naphthalene-d8	1150000
15067-26-2	Acenaphthene-d10	649000
1517-22-2	Phenanthrene-d10	1170000
1719-03-5	Chrysene-d12	1290000
1520-96-3	Perylene-d12	1350000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Building 50 Probe Investigation		Date Received:	
Client Sample ID:	PB170797BS		SDG No.:	Q3741
Lab Sample ID:	PB170797BS		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: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MS
Lab Sample ID: Q3741-06MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2100		1	180	380	ug/Kg	12/03/25 21:05	PB170797
108-95-2	Phenol	1700		1	25.7	200	ug/Kg	12/03/25 21:05	PB170797
111-44-4	bis(2-Chloroethyl)ether	1700		1	28.2	200	ug/Kg	12/03/25 21:05	PB170797
95-57-8	2-Chlorophenol	1800		1	28.3	200	ug/Kg	12/03/25 21:05	PB170797
95-48-7	2-Methylphenol	1700		1	34.7	200	ug/Kg	12/03/25 21:05	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	43.6	200	ug/Kg	12/03/25 21:05	PB170797
98-86-2	Acetophenone	1700		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
65794-96-9	3+4-Methylphenols	1700		1	47.7	380	ug/Kg	12/03/25 21:05	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1600		1	55.1	92.9	ug/Kg	12/03/25 21:05	PB170797
67-72-1	Hexachloroethane	1700		1	20.4	200	ug/Kg	12/03/25 21:05	PB170797
98-95-3	Nitrobenzene	1700		1	21.3	200	ug/Kg	12/03/25 21:05	PB170797
78-59-1	Isophorone	1600		1	38.1	200	ug/Kg	12/03/25 21:05	PB170797
88-75-5	2-Nitrophenol	1800		1	67.6	200	ug/Kg	12/03/25 21:05	PB170797
105-67-9	2,4-Dimethylphenol	1700		1	75.3	200	ug/Kg	12/03/25 21:05	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:05	PB170797
120-83-2	2,4-Dichlorophenol	1800		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
91-20-3	Naphthalene	1700		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
106-47-8	4-Chloroaniline	370		1	41.1	200	ug/Kg	12/03/25 21:05	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
105-60-2	Caprolactam	1400		1	60.5	380	ug/Kg	12/03/25 21:05	PB170797
59-50-7	4-Chloro-3-methylphenol	1700		1	33.3	200	ug/Kg	12/03/25 21:05	PB170797
91-57-6	2-Methylnaphthalene	1600		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
77-47-4	Hexachlorocyclopentadiene	3200	E	1	130	380	ug/Kg	12/03/25 21:05	PB170797
88-06-2	2,4,6-Trichlorophenol	1900		1	23.0	200	ug/Kg	12/03/25 21:05	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.3	200	ug/Kg	12/03/25 21:05	PB170797
91-58-7	2-Chloronaphthalene	1800		1	26.1	200	ug/Kg	12/03/25 21:05	PB170797
88-74-4	2-Nitroaniline	1700		1	55.9	200	ug/Kg	12/03/25 21:05	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:05	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:05	PB170797
606-20-2	2,6-Dinitrotoluene	1900		1	39.0	200	ug/Kg	12/03/25 21:05	PB170797
99-09-2	3-Nitroaniline	540		1	53.4	200	ug/Kg	12/03/25 21:05	PB170797
83-32-9	Acenaphthene	1700		1	24.7	200	ug/Kg	12/03/25 21:05	PB170797
51-28-5	2,4-Dinitrophenol	2800		1	270	380	ug/Kg	12/03/25 21:05	PB170797
100-02-7	4-Nitrophenol	2800		1	120	380	ug/Kg	12/03/25 21:05	PB170797
132-64-9	Dibenzofuran	1800		1	26.4	200	ug/Kg	12/03/25 21:05	PB170797
121-14-2	2,4-Dinitrotoluene	1700		1	58.2	200	ug/Kg	12/03/25 21:05	PB170797
84-66-2	Diethylphthalate	1700		1	32.9	200	ug/Kg	12/03/25 21:05	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.0	200	ug/Kg	12/03/25 21:05	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
100-01-6	4-Nitroaniline	1200		1	74.6	200	ug/Kg	12/03/25 21:05	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	120	380	ug/Kg	12/03/25 21:05	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MS
Lab Sample ID: Q3741-06MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	38.2	200	ug/Kg	12/03/25 21:05	PB170797
101-55-3	4-Bromophenyl-phenylether	2000		1	32.3	200	ug/Kg	12/03/25 21:05	PB170797
118-74-1	Hexachlorobenzene	2000		1	29.4	200	ug/Kg	12/03/25 21:05	PB170797
1912-24-9	Atrazine	1800		1	39.5	200	ug/Kg	12/03/25 21:05	PB170797
87-86-5	Pentachlorophenol	3600	E	1	59.6	380	ug/Kg	12/03/25 21:05	PB170797
85-01-8	Phenanthrene	2200		1	24.3	200	ug/Kg	12/03/25 21:05	PB170797
120-12-7	Anthracene	1900		1	38.7	200	ug/Kg	12/03/25 21:05	PB170797
86-74-8	Carbazole	1700		1	36.2	200	ug/Kg	12/03/25 21:05	PB170797
84-74-2	Di-n-butylphthalate	1800		1	55.6	200	ug/Kg	12/03/25 21:05	PB170797
206-44-0	Fluoranthene	2100		1	34.8	200	ug/Kg	12/03/25 21:05	PB170797
129-00-0	Pyrene	2300		1	41.8	200	ug/Kg	12/03/25 21:05	PB170797
85-68-7	Butylbenzylphthalate	1900		1	82.9	200	ug/Kg	12/03/25 21:05	PB170797
91-94-1	3,3-Dichlorobenzidine	690		1	42.6	380	ug/Kg	12/03/25 21:05	PB170797
56-55-3	Benzo(a)anthracene	2000		1	26.7	200	ug/Kg	12/03/25 21:05	PB170797
218-01-9	Chrysene	2100		1	23.1	200	ug/Kg	12/03/25 21:05	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	68.8	200	ug/Kg	12/03/25 21:05	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:05	PB170797
205-99-2	Benzo(b)fluoranthene	2100		1	22.1	200	ug/Kg	12/03/25 21:05	PB170797
207-08-9	Benzo(k)fluoranthene	2000		1	26.0	200	ug/Kg	12/03/25 21:05	PB170797
50-32-8	Benzo(a)pyrene	2100		1	34.3	200	ug/Kg	12/03/25 21:05	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	33.8	200	ug/Kg	12/03/25 21:05	PB170797
53-70-3	Dibenzo(a,h)anthracene	1900		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.8	200	ug/Kg	12/03/25 21:05	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.7	200	ug/Kg	12/03/25 21:05	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	31.8	200	ug/Kg	12/03/25 21:05	PB170797

SURROGATES

367-12-4	2-Fluorophenol	59.1		10 - 105	39%	SPK: 150
13127-88-3	Phenol-d6	79.0		10 - 103	53%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.4		10 - 108	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.6		10 - 108	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	50.8		10 - 116	34%	SPK: 150
1718-51-0	Terphenyl-d14	63.6		10 - 109	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	313000
1146-65-2	Naphthalene-d8	1250000
15067-26-2	Acenaphthene-d10	746000
1517-22-2	Phenanthrene-d10	1320000
1719-03-5	Chrysene-d12	1250000
1520-96-3	Perylene-d12	1480000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/25/25
Project:	Building 50 Probe Investigation		Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MS		SDG No.:	Q3741
Lab Sample ID:	Q3741-06MS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	85.9
Sample Wt/Vol:	30.07 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541	Prep Date: 12/03/25		

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

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MSD
Lab Sample ID: Q3741-06MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2000		1	180	380	ug/Kg	12/03/25 21:46	PB170797
108-95-2	Phenol	1600		1	25.7	200	ug/Kg	12/03/25 21:46	PB170797
111-44-4	bis(2-Chloroethyl)ether	1600		1	28.3	200	ug/Kg	12/03/25 21:46	PB170797
95-57-8	2-Chlorophenol	1600		1	28.4	200	ug/Kg	12/03/25 21:46	PB170797
95-48-7	2-Methylphenol	1600		1	34.8	200	ug/Kg	12/03/25 21:46	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	1500		1	43.6	200	ug/Kg	12/03/25 21:46	PB170797
98-86-2	Acetophenone	1600		1	34.3	200	ug/Kg	12/03/25 21:46	PB170797
65794-96-9	3+4-Methylphenols	1500		1	47.8	380	ug/Kg	12/03/25 21:46	PB170797
621-64-7	n-Nitroso-di-n-propylamine	1500		1	55.1	93.1	ug/Kg	12/03/25 21:46	PB170797
67-72-1	Hexachloroethane	1700		1	20.5	200	ug/Kg	12/03/25 21:46	PB170797
98-95-3	Nitrobenzene	1600		1	21.3	200	ug/Kg	12/03/25 21:46	PB170797
78-59-1	Isophorone	1500		1	38.2	200	ug/Kg	12/03/25 21:46	PB170797
88-75-5	2-Nitrophenol	1700		1	67.7	200	ug/Kg	12/03/25 21:46	PB170797
105-67-9	2,4-Dimethylphenol	1600		1	75.4	200	ug/Kg	12/03/25 21:46	PB170797
111-91-1	bis(2-Chloroethoxy)methane	1600		1	35.8	200	ug/Kg	12/03/25 21:46	PB170797
120-83-2	2,4-Dichlorophenol	1600		1	32.9	200	ug/Kg	12/03/25 21:46	PB170797
91-20-3	Naphthalene	1600		1	26.4	200	ug/Kg	12/03/25 21:46	PB170797
106-47-8	4-Chloroaniline	360		1	41.2	200	ug/Kg	12/03/25 21:46	PB170797
87-68-3	Hexachlorobutadiene	1800		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
105-60-2	Caprolactam	1300		1	60.6	380	ug/Kg	12/03/25 21:46	PB170797
59-50-7	4-Chloro-3-methylphenol	1500		1	33.4	200	ug/Kg	12/03/25 21:46	PB170797
91-57-6	2-Methylnaphthalene	1500		1	29.8	200	ug/Kg	12/03/25 21:46	PB170797
77-47-4	Hexachlorocyclopentadiene	3400	E	1	130	380	ug/Kg	12/03/25 21:46	PB170797
88-06-2	2,4,6-Trichlorophenol	1800		1	23.0	200	ug/Kg	12/03/25 21:46	PB170797
95-95-4	2,4,5-Trichlorophenol	1800		1	33.9	200	ug/Kg	12/03/25 21:46	PB170797
92-52-4	1,1-Biphenyl	1800		1	25.4	200	ug/Kg	12/03/25 21:46	PB170797
91-58-7	2-Chloronaphthalene	1700		1	26.2	200	ug/Kg	12/03/25 21:46	PB170797
88-74-4	2-Nitroaniline	1600		1	56.0	200	ug/Kg	12/03/25 21:46	PB170797
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	12/03/25 21:46	PB170797
208-96-8	Acenaphthylene	1800		1	33.6	200	ug/Kg	12/03/25 21:46	PB170797
606-20-2	2,6-Dinitrotoluene	1800		1	39.1	200	ug/Kg	12/03/25 21:46	PB170797
99-09-2	3-Nitroaniline	570		1	53.5	200	ug/Kg	12/03/25 21:46	PB170797
83-32-9	Acenaphthene	1700		1	24.8	200	ug/Kg	12/03/25 21:46	PB170797
51-28-5	2,4-Dinitrophenol	3000		1	270	380	ug/Kg	12/03/25 21:46	PB170797
100-02-7	4-Nitrophenol	2700		1	120	380	ug/Kg	12/03/25 21:46	PB170797
132-64-9	Dibenzofuran	1700		1	26.4	200	ug/Kg	12/03/25 21:46	PB170797
121-14-2	2,4-Dinitrotoluene	1600		1	58.3	200	ug/Kg	12/03/25 21:46	PB170797
84-66-2	Diethylphthalate	1600		1	32.9	200	ug/Kg	12/03/25 21:46	PB170797
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.1	200	ug/Kg	12/03/25 21:46	PB170797
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
100-01-6	4-Nitroaniline	1100		1	74.7	200	ug/Kg	12/03/25 21:46	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	1700		1	120	380	ug/Kg	12/03/25 21:46	PB170797

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Building 50 Probe Investigation
Client Sample ID: B50-SP4-112525MSD
Lab Sample ID: Q3741-06MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/03/25

Date Collected: 11/25/25
Date Received: 11/26/25
SDG No.: Q3741
Matrix: SOIL
% Solid: 85.9
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	38.3	200	ug/Kg	12/03/25 21:46	PB170797
101-55-3	4-Bromophenyl-phenylether	1900		1	32.3	200	ug/Kg	12/03/25 21:46	PB170797
118-74-1	Hexachlorobenzene	1900		1	29.4	200	ug/Kg	12/03/25 21:46	PB170797
1912-24-9	Atrazine	1700		1	39.6	200	ug/Kg	12/03/25 21:46	PB170797
87-86-5	Pentachlorophenol	3500	E	1	59.7	380	ug/Kg	12/03/25 21:46	PB170797
85-01-8	Phenanthrene	2100		1	24.3	200	ug/Kg	12/03/25 21:46	PB170797
120-12-7	Anthracene	1800		1	38.7	200	ug/Kg	12/03/25 21:46	PB170797
86-74-8	Carbazole	1700		1	36.3	200	ug/Kg	12/03/25 21:46	PB170797
84-74-2	Di-n-butylphthalate	1700		1	55.7	200	ug/Kg	12/03/25 21:46	PB170797
206-44-0	Fluoranthene	2100		1	34.9	200	ug/Kg	12/03/25 21:46	PB170797
129-00-0	Pyrene	2100		1	41.9	200	ug/Kg	12/03/25 21:46	PB170797
85-68-7	Butylbenzylphthalate	1700		1	83.1	200	ug/Kg	12/03/25 21:46	PB170797
91-94-1	3,3-Dichlorobenzidine	630		1	42.7	380	ug/Kg	12/03/25 21:46	PB170797
56-55-3	Benzo(a)anthracene	1900		1	26.8	200	ug/Kg	12/03/25 21:46	PB170797
218-01-9	Chrysene	1900		1	23.2	200	ug/Kg	12/03/25 21:46	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	1700		1	68.9	200	ug/Kg	12/03/25 21:46	PB170797
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	12/03/25 21:46	PB170797
205-99-2	Benzo(b)fluoranthene	2000		1	22.1	200	ug/Kg	12/03/25 21:46	PB170797
207-08-9	Benzo(k)fluoranthene	1800		1	26.1	200	ug/Kg	12/03/25 21:46	PB170797
50-32-8	Benzo(a)pyrene	2000		1	34.3	200	ug/Kg	12/03/25 21:46	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	33.9	200	ug/Kg	12/03/25 21:46	PB170797
53-70-3	Dibenzo(a,h)anthracene	1800		1	31.9	200	ug/Kg	12/03/25 21:46	PB170797
191-24-2	Benzo(g,h,i)perylene	2000		1	29.9	200	ug/Kg	12/03/25 21:46	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	29.8	200	ug/Kg	12/03/25 21:46	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	1700		1	31.9	200	ug/Kg	12/03/25 21:46	PB170797

SURROGATES

367-12-4	2-Fluorophenol	55.1		10 - 105	37%	SPK: 150
13127-88-3	Phenol-d6	72.3		10 - 103	48%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.8		10 - 108	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.6		10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	48.5		10 - 116	32%	SPK: 150
1718-51-0	Terphenyl-d14	57.3		10 - 109	57%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	296000
1146-65-2	Naphthalene-d8	1140000
15067-26-2	Acenaphthene-d10	628000
1517-22-2	Phenanthrene-d10	1150000
1719-03-5	Chrysene-d12	1240000
1520-96-3	Perylene-d12	1500000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/25/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP4-112525MSD	SDG No.:	Q3741
Lab Sample ID:	Q3741-06MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.9
	Level: LOW	Test:	SVOC-TCL BNA
Sample Wt/Vol:	30.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/03/25		

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



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)	Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)	n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)	Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)	2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)	Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)	bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)	1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)	1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)	Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)	2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)	2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)	Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)	3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)	Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)	Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)	2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)	bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)	1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)	Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)	Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)	4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)	Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)	2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)	1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195		27.78
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162		14.99
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212		14.64
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136		6.99
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150		8.76
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzydine	0.707	0.519	0.624	0.512	0.635	0.553	0.592		12.98
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)	Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475		6.77
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320		7.91

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62
88)	Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40
89)	Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36
90) C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23
91)	Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85
92)	Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 19 01:25:31 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP026150.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.507	0.520	0.524	0.487	0.502	0.505	0.494	0.505	2.61	
3)	Pyridine	1.401	1.459	1.510	1.445	1.485	1.466	1.458	1.461	2.32	
4)	n-Nitrosodimet...		0.535	0.560	0.540	0.552	0.549	0.540	0.546	1.75	
5) S	2-Fluorophenol	1.193	1.249	1.277	1.245	1.255	1.258	1.245	1.246	2.08	
6)	Aniline	1.953	2.050	2.154	2.122	2.138	2.127	2.117	2.094	3.36	
7) S	Phenol-d6	1.465	1.564	1.623	1.617	1.632	1.606	1.596	1.586	3.64	
8)	2-Chlorophenol	1.318	1.398	1.438	1.431	1.452	1.439	1.453	1.418	3.37	
9)	Benzaldehyde		0.963	0.899	0.922	0.719	0.812	0.673	0.831	14.04	
10) C	Phenol	1.570	1.658	1.757	1.746	1.759	1.742	1.729	1.709	4.12	
11)	bis(2-Chloroet...	1.252	1.334	1.368	1.361	1.363	1.338	1.350	1.338	3.00	
12)	1,3-Dichlorobe...	1.511	1.526	1.570	1.525	1.528	1.518	1.518	1.528	1.28	
13) C	1,4-Dichlorobe...	1.495	1.547	1.589	1.540	1.546	1.532	1.530	1.540	1.81	
14)	1,2-Dichlorobe...	1.453	1.482	1.521	1.479	1.480	1.470	1.464	1.479	1.46	
15)	Benzyl Alcohol		1.074	1.181	1.187	1.194	1.164	1.173	1.162	3.82	
16)	2,2'-oxybis(1-...	1.769	1.841	1.961	1.914	1.924	1.852	1.892	1.879	3.40	
17)	2-Methylphenol	1.067	1.126	1.191	1.195	1.202	1.180	1.182	1.163	4.25	
18)	Hexachloroethane	0.527	0.559	0.569	0.565	0.565	0.557	0.581	0.560	2.99	
19) P	n-Nitroso-di-n...	0.937	0.899	0.960	1.063	1.024	1.039	0.975	0.986	0.985	5.53
20)	3+4-Methylphenols		1.530	1.656	1.624	1.648	1.601	1.613	1.612	2.82	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.497	0.521	0.530	0.507	0.504	0.507	0.493	0.508	2.58	
23) S	Nitrobenzene-d5	0.335	0.357	0.362	0.355	0.351	0.355	0.349	0.352	2.39	
24)	Nitrobenzene	0.339	0.356	0.368	0.359	0.357	0.360	0.354	0.356	2.50	
25)	Isophorone	0.655	0.693	0.736	0.710	0.710	0.686	0.697	0.698	3.57	
26) C	2-Nitrophenol	0.152	0.164	0.182	0.189	0.189	0.192	0.193	0.180	8.87	
27)	2,4-Dimethylph...	0.305	0.327	0.337	0.328	0.328	0.327	0.323	0.325	3.06	
28)	bis(2-Chloroet...	0.425	0.439	0.454	0.439	0.442	0.426	0.436	0.437	2.28	
29) C	2,4-Dichloroph...	0.298	0.322	0.335	0.331	0.330	0.330	0.328	0.325	3.81	
30)	1,2,4-Trichlor...	0.331	0.337	0.337	0.330	0.325	0.328	0.328	0.331	1.36	
31)	Naphthalene	1.080	1.114	1.115	1.073	1.073	1.059	1.052	1.081	2.30	
32)	Benzoic acid		0.209	0.268	0.276	0.276	0.329	0.285	0.274	14.03	
33)	4-Chloroaniline	0.429	0.461	0.479	0.472	0.463	0.458	0.457	0.460	3.45	
34) C	Hexachlorobuta...	0.213	0.218	0.219	0.215	0.211	0.212	0.219	0.215	1.65	
35)	Caprolactam		0.113	0.123	0.117	0.118	0.114	0.113	0.116	3.36	
36) C	4-Chloro-3-met...	0.314	0.342	0.366	0.354	0.356	0.344	0.342	0.345	4.75	
37)	2-Methylnaphth...	0.732	0.791	0.804	0.773	0.773	0.746	0.744	0.766	3.47	
38)	1-Methylnaphth...	0.735	0.767	0.785	0.763	0.746	0.729	0.719	0.749	3.17	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.607	0.610	0.613	0.597	0.594	0.610	0.603	0.605	1.19
41) P	Hexachlorocycl...		0.347	0.382	0.396	0.396	0.418	0.436	0.396	7.76
42) S	2,4,6-Tribromo...	0.241	0.253	0.273	0.264	0.262	0.260	0.262	0.259	3.87
43) C	2,4,6-Trichlor...	0.380	0.404	0.431	0.420	0.420	0.426	0.420	0.415	4.21
44)	2,4,5-Trichlor...	0.428	0.454	0.482	0.467	0.469	0.473	0.468	0.463	3.72
45) S	2-Fluorobiphenyl	1.430	1.442	1.453	1.337	1.317	1.325	1.249	1.365	5.68
46)	1,1'-Biphenyl	1.499	1.540	1.580	1.489	1.469	1.504	1.460	1.506	2.78
47)	2-Chloronaphth...	1.167	1.215	1.217	1.169	1.164	1.195	1.162	1.184	2.04
48)	2-Nitroaniline	0.289	0.310	0.345	0.338	0.336	0.349	0.339	0.329	6.58
49)	Acenaphthylene	1.890	1.987	2.051	1.947	1.943	1.951	1.906	1.953	2.74
50)	Dimethylphthalate	1.470	1.517	1.573	1.494	1.470	1.470	1.462	1.494	2.66
51)	2,6-Dinitrotol...	0.235	0.267	0.310	0.315	0.312	0.313	0.319	0.296	10.85
52) C	Acenaphthene	1.139	1.182	1.180	1.138	1.141	1.153	1.081	1.145	2.95
53)	3-Nitroaniline	0.286	0.330	0.368	0.362	0.364	0.368	0.362	0.349	8.74
54) P	2,4-Dinitrophenol		0.124	0.174	0.186	0.187	0.194	0.208	0.179	16.32
55)	Dibenzofuran	1.779	1.832	1.880	1.765	1.763	1.738	1.654	1.773	4.02
56) P	4-Nitrophenol		0.290	0.331	0.316	0.314	0.324	0.317	0.315	4.47
57)	2,4-Dinitrotol...	0.362	0.407	0.469	0.467	0.464	0.465	0.459	0.442	9.40
58)	Fluorene	1.447	1.490	1.500	1.380	1.374	1.351	1.267	1.401	5.94
59)	2,3,4,6-Tetrac...	0.361	0.391	0.409	0.400	0.397	0.396	0.394	0.393	3.80
60)	Diethylphthalate	1.493	1.507	1.592	1.522	1.493	1.462	1.465	1.505	2.92
61)	4-Chlorophenyl...	0.718	0.717	0.741	0.693	0.691	0.673	0.648	0.697	4.47
62)	4-Nitroaniline	0.313	0.359	0.394	0.365	0.368	0.376	0.358	0.362	6.90
63)	Azobenzene	1.200	1.276	1.346	1.290	1.279	1.252	1.240	1.269	3.58
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.099	0.123	0.134	0.132	0.134	0.141	0.127	11.84
66) c	n-Nitrosodiphe...	0.598	0.640	0.641	0.624	0.610	0.609	0.610	0.619	2.70
67)	4-Bromophenyl-...	0.208	0.219	0.223	0.229	0.221	0.221	0.229	0.221	3.29
68)	Hexachlorobenzene	0.243	0.260	0.260	0.265	0.255	0.254	0.263	0.257	2.91
69)	Atrazine	0.217	0.232	0.247	0.238	0.233	0.229	0.237	0.233	3.94
70) C	Pentachlorophenol		0.170	0.179	0.183	0.179	0.180	0.187	0.180	3.30
71)	Phenanthrene	1.128	1.179	1.179	1.122	1.102	1.089	1.087	1.127	3.43
72)	Anthracene	1.122	1.194	1.198	1.171	1.122	1.134	1.102	1.149	3.33
73)	Carbazole	1.083	1.178	1.151	1.105	1.045	1.050	1.030	1.091	5.15
74)	Di-n-butylphth...	1.219	1.290	1.372	1.358	1.304	1.223	1.290	1.294	4.57
75) C	Fluoranthene	1.383	1.464	1.452	1.369	1.308	1.319	1.287	1.369	5.09
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.727	0.733	0.616	0.631	0.594	0.508	0.635	13.43
78)	Pyrene	1.266	1.318	1.375	1.331	1.309	1.302	1.277	1.311	2.75
79) S	Terphenyl-d14	1.024	1.037	1.061	0.990	0.971	0.918	0.866	0.981	7.08
80)	Butylbenzylpht...	0.546	0.552	0.612	0.603	0.588	0.555	0.587	0.578	4.60
81)	Benzo(a)anthra...	1.373	1.401	1.437	1.376	1.349	1.350	1.328	1.374	2.65
82)	3,3'-Dichlorob...		0.513	0.526	0.500	0.492	0.491	0.475	0.500	3.61
83)	Chrysene	1.298	1.336	1.341	1.284	1.266	1.279	1.257	1.295	2.54
84)	Bis(2-ethylhex...	0.842	0.825	0.918	0.933	0.876	0.814	0.911	0.874	5.48
85) c	Di-n-octyl pht...		1.414	1.572	1.581	1.553	1.467	1.584	1.529	4.64

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.442	1.484	1.538	1.511	1.483	1.531	1.511	1.500	2.21
88)	Benzo(b)fluora...	1.190	1.226	1.271	1.237	1.222	1.200	1.180	1.218	2.57
89)	Benzo(k)fluora...	1.206	1.228	1.275	1.213	1.213	1.192	1.189	1.217	2.38
90) C	Benzo(a)pyrene	1.121	1.153	1.198	1.168	1.147	1.146	1.142	1.154	2.10
91)	Dibenzo(a,h)an...	1.177	1.220	1.274	1.237	1.209	1.245	1.232	1.228	2.48
92)	Benzo(g,h,i)pe...	1.175	1.230	1.253	1.223	1.185	1.244	1.234	1.220	2.41

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/03/2025 12:25</u>
Lab File ID:	<u>BF144415.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.341		4.9	
Benzaldehyde	0.818	1.114		36.2	
Phenol-d6	1.448	1.466		1.2	
Phenol	1.769	1.803		1.9	20.0
bis(2-Chloroethyl)ether	1.289	1.408		9.2	
2-Chlorophenol	1.253	1.338		6.8	
2-Methylphenol	0.997	1.031		3.4	
2,2-oxybis(1-Chloropropane)	2.374	2.545		7.2	
Acetophenone	0.429	0.429		0.0	
3+4-Methylphenols	1.175	1.202		2.3	
n-Nitroso-di-n-propylamine	0.953	0.943	0.050	-1.0	
Nitrobenzene-d5	0.346	0.360		4.0	
Hexachloroethane	0.515	0.535		3.9	
Nitrobenzene	0.376	0.390		3.7	
Isophorone	0.655	0.682		4.1	
2-Nitrophenol	0.186	0.204		9.7	20.0
2,4-Dimethylphenol	0.279	0.285		2.2	
bis(2-Chloroethoxy)methane	0.409	0.438		7.1	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.987		3.8	
4-Chloroaniline	0.347	0.356		2.6	
Hexachlorobutadiene	0.249	0.255		2.4	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.295		2.4	20.0
2-Methylnaphthalene	0.636	0.649		2.0	
Hexachlorocyclopentadiene	0.195	0.181	0.050	-7.2	
2,4,6-Trichlorophenol	0.446	0.458		2.7	20.0
2-Fluorobiphenyl	1.354	1.352		-0.1	
2,4,5-Trichlorophenol	0.481	0.486		1.0	
1,1-Biphenyl	1.396	1.429		2.4	
2-Chloronaphthalene	1.191	1.229		3.2	
2-Nitroaniline	0.344	0.350		1.7	
Dimethylphthalate	1.325	1.336		0.8	
Acenaphthylene	1.623	1.633		0.6	
2,6-Dinitrotoluene	0.268	0.282		5.2	
3-Nitroaniline	0.293	0.301		2.7	
Acenaphthene	1.085	1.029		-5.2	20.0
2,4-Dinitrophenol	0.162	0.209	0.050	29.0	
4-Nitrophenol	0.212	0.183	0.050	-13.7	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>12/03/2025 12:25</u>
Lab File ID:	<u>BF144415.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.503		-1.1	
2,4-Dinitrotoluene	0.359	0.371		3.3	
Diethylphthalate	1.221	1.237		1.3	
4-Chlorophenyl-phenylether	0.658	0.661		0.5	
Fluorene	1.156	1.166		0.9	
4-Nitroaniline	0.279	0.282		1.1	
4,6-Dinitro-2-methylphenol	0.136	0.136		0.0	
n-Nitrosodiphenylamine	0.643	0.685		6.5	20.0
2,4,6-Tribromophenol	0.251	0.254		1.2	
4-Bromophenyl-phenylether	0.255	0.270		5.9	
Hexachlorobenzene	0.301	0.324		7.6	
Atrazine	0.205	0.207		1.0	
Pentachlorophenol	0.150	0.165		10.0	20.0
Phenanthrene	0.996	1.044		4.8	
Anthracene	1.013	1.060		4.6	
Carbazole	0.861	0.879		2.1	
Di-n-butylphthalate	1.041	1.123		7.9	
Fluoranthene	1.029	1.037		0.8	20.0
Pyrene	1.613	1.453		-9.9	
Terphenyl-d14	1.259	1.155		-8.3	
Butylbenzylphthalate	0.559	0.568		1.6	
3,3-Dichlorobenzidine	0.475	0.519		9.3	
Benzo (a) anthracene	1.386	1.453		4.8	
Chrysene	1.280	1.234		-3.6	
Bis(2-ethylhexyl)phthalate	0.765	0.823		7.6	
Di-n-octyl phthalate	1.320	1.550		17.4	20.0
Benzo (b) fluoranthene	1.137	1.189		4.6	
Benzo (k) fluoranthene	1.064	1.093		2.7	
Benzo (a) pyrene	1.049	1.094		4.3	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.486		3.5	
Dibenzo (a,h) anthracene	1.153	1.181		2.4	
Benzo (g,h,i) perylene	1.139	1.140		0.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.692		5.6	
2,3,4,6-Tetrachlorophenol	0.340	0.332		-2.4	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/03/2025 12:53</u>
Lab File ID:	<u>BP026224.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.193		-4.3	
Benzaldehyde	0.831	1.056		27.1	
Phenol-d6	1.586	1.518		-4.3	
Phenol	1.709	1.631		-4.6	20.0
bis(2-Chloroethyl)ether	1.338	1.298		-3.0	
2-Chlorophenol	1.418	1.417		-0.1	
2-Methylphenol	1.163	1.133		-2.6	
2,2-oxybis(1-Chloropropane)	1.879	1.856		-1.2	
Acetophenone	0.508	0.496		-2.4	
3+4-Methylphenols	1.612	1.526		-5.3	
n-Nitroso-di-n-propylamine	0.985	0.955	0.050	-3.0	
Nitrobenzene-d5	0.352	0.349		-0.9	
Hexachloroethane	0.560	0.572		2.1	
Nitrobenzene	0.356	0.355		-0.3	
Isophorone	0.698	0.670		-4.0	
2-Nitrophenol	0.180	0.188		4.4	20.0
2,4-Dimethylphenol	0.325	0.281		-13.5	
bis(2-Chloroethoxy)methane	0.437	0.426		-2.5	
2,4-Dichlorophenol	0.325	0.325		0.0	20.0
Naphthalene	1.081	1.061		-1.9	
4-Chloroaniline	0.460	0.429		-6.7	
Hexachlorobutadiene	0.215	0.229		6.5	20.0
Caprolactam	0.116	0.099		-14.7	
4-Chloro-3-methylphenol	0.345	0.332		-3.8	20.0
2-Methylnaphthalene	0.766	0.747		-2.5	
Hexachlorocyclopentadiene	0.396	0.314	0.050	-20.7	
2,4,6-Trichlorophenol	0.415	0.430		3.6	20.0
2-Fluorobiphenyl	1.365	1.409		3.2	
2,4,5-Trichlorophenol	0.463	0.475		2.6	
1,1-Biphenyl	1.506	1.525		1.3	
2-Chloronaphthalene	1.184	1.205		1.8	
2-Nitroaniline	0.329	0.317		-3.6	
Dimethylphthalate	1.494	1.449		-3.0	
Acenaphthylene	1.953	1.927		-1.3	
2,6-Dinitrotoluene	0.296	0.305		3.0	
3-Nitroaniline	0.349	0.313		-10.3	
Acenaphthene	1.145	1.130		-1.3	20.0
2,4-Dinitrophenol	0.179	0.163	0.050	-8.9	
4-Nitrophenol	0.315	0.254	0.050	-19.4	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3741</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>12/03/2025 12:53</u>
Lab File ID:	<u>BP026224.D</u>	Init. Calib. Date(s):	<u>11/18/2025 11/18/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>14:31 21:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.773	1.738		-2.0	
2,4-Dinitrotoluene	0.442	0.422		-4.5	
Diethylphthalate	1.505	1.424		-5.4	
4-Chlorophenyl-phenylether	0.697	0.692		-0.7	
Fluorene	1.401	1.333		-4.9	
4-Nitroaniline	0.362	0.297		-18.0	
4,6-Dinitro-2-methylphenol	0.127	0.130		2.4	
n-Nitrosodiphenylamine	0.619	0.657		6.1	20.0
2,4,6-Tribromophenol	0.259	0.254		-1.9	
4-Bromophenyl-phenylether	0.221	0.243		10.0	
Hexachlorobenzene	0.257	0.281		9.3	
Atrazine	0.233	0.223		-4.3	
Pentachlorophenol	0.180	0.179		-0.6	20.0
Phenanthrene	1.127	1.123		-0.4	
Anthracene	1.149	1.164		1.3	
Carbazole	1.091	0.998		-8.5	
Di-n-butylphthalate	1.294	1.224		-5.4	
Fluoranthene	1.369	1.215		-11.2	20.0
Pyrene	1.311	1.430		9.1	
Terphenyl-d14	0.981	1.089		11.0	
Butylbenzylphthalate	0.578	0.574		-0.7	
3,3-Dichlorobenzidine	0.500	0.484		-3.2	
Benzo (a) anthracene	1.374	1.350		-1.7	
Chrysene	1.295	1.297		0.2	
Bis(2-ethylhexyl)phthalate	0.874	0.844		-3.4	
Di-n-octyl phthalate	1.529	1.460		-4.5	20.0
Benzo (b) fluoranthene	1.218	1.185		-2.7	
Benzo (k) fluoranthene	1.217	1.230		1.1	
Benzo (a) pyrene	1.154	1.166		1.0	20.0
Indeno (1,2,3-cd) pyrene	1.500	1.615		7.7	
Dibenzo (a,h) anthracene	1.228	1.316		7.2	
Benzo (g,h,i) perylene	1.220	1.312		7.5	
1,2,4,5-Tetrachlorobenzene	0.605	0.646		6.8	
2,3,4,6-Tetrachlorophenol	0.393	0.384		-2.3	

All other compounds must meet a minimum RRF of 0.010.