

LAB CHRONICLE

OrderID: Q3615
Client: Core Environmental Consultants and Services, Inc.
Contact: Roland Scardino

OrderDate: 11/12/2025 1:09:05 PM
Project: Jones Beach Concrete
Location: J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3615-01	East Bathhouse- Concrete	SOIL	SVOC-TCL BNA -20	8270E	11/12/25	11/13/25	11/13/25	11/12/25



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Fax : 908 789 8922

Hit Summary Sheet SW-846

SDG No.: Q3615

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	East Bathhouse- Concrete							
Q3615-01	East Bathhouse- Concrete SOIL		n-Hexadecanoic acid	*	100.000	J 0	0	ug/Kg
Total Tics :						100.00		
Total Concentration:						100.00		



SAMPLE DATA

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: East Bathhouse- Concrete
Lab Sample ID: Q3615-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

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	11/13/25 15:38	PB170528
108-95-2	Phenol	22.0	U	1	22.0	170	ug/Kg	11/13/25 15:38	PB170528
111-44-4	bis(2-Chloroethyl)ether	24.2	U	1	24.2	170	ug/Kg	11/13/25 15:38	PB170528
95-57-8	2-Chlorophenol	24.3	U	1	24.3	170	ug/Kg	11/13/25 15:38	PB170528
95-48-7	2-Methylphenol	29.8	U	1	29.8	170	ug/Kg	11/13/25 15:38	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	37.4	U	1	37.4	170	ug/Kg	11/13/25 15:38	PB170528
98-86-2	Acetophenone	29.4	U	1	29.4	170	ug/Kg	11/13/25 15:38	PB170528
65794-96-9	3+4-Methylphenols	41.0	U	1	41.0	330	ug/Kg	11/13/25 15:38	PB170528
621-64-7	n-Nitroso-di-n-propylamine	47.3	U	1	47.3	79.8	ug/Kg	11/13/25 15:38	PB170528
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/13/25 15:38	PB170528
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/13/25 15:38	PB170528
78-59-1	Isophorone	32.7	U	1	32.7	170	ug/Kg	11/13/25 15:38	PB170528
88-75-5	2-Nitrophenol	58.0	U	1	58.0	170	ug/Kg	11/13/25 15:38	PB170528
105-67-9	2,4-Dimethylphenol	64.6	U	1	64.6	170	ug/Kg	11/13/25 15:38	PB170528
111-91-1	bis(2-Chloroethoxy)methane	30.7	U	1	30.7	170	ug/Kg	11/13/25 15:38	PB170528
120-83-2	2,4-Dichlorophenol	28.2	U	1	28.2	170	ug/Kg	11/13/25 15:38	PB170528
91-20-3	Naphthalene	22.6	U	1	22.6	170	ug/Kg	11/13/25 15:38	PB170528
106-47-8	4-Chloroaniline	35.3	U	1	35.3	170	ug/Kg	11/13/25 15:38	PB170528
87-68-3	Hexachlorobutadiene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
105-60-2	Caprolactam	52.0	U	1	52.0	330	ug/Kg	11/13/25 15:38	PB170528
59-50-7	4-Chloro-3-methylphenol	28.6	U	1	28.6	170	ug/Kg	11/13/25 15:38	PB170528
91-57-6	2-Methylnaphthalene	25.5	U	1	25.5	170	ug/Kg	11/13/25 15:38	PB170528
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/13/25 15:38	PB170528
88-06-2	2,4,6-Trichlorophenol	19.7	U	1	19.7	170	ug/Kg	11/13/25 15:38	PB170528
95-95-4	2,4,5-Trichlorophenol	29.0	U	1	29.0	170	ug/Kg	11/13/25 15:38	PB170528
92-52-4	1,1-Biphenyl	21.7	U	1	21.7	170	ug/Kg	11/13/25 15:38	PB170528
91-58-7	2-Chloronaphthalene	22.4	U	1	22.4	170	ug/Kg	11/13/25 15:38	PB170528
88-74-4	2-Nitroaniline	48.0	U	1	48.0	170	ug/Kg	11/13/25 15:38	PB170528
131-11-3	Dimethylphthalate	27.0	U	1	27.0	170	ug/Kg	11/13/25 15:38	PB170528
208-96-8	Acenaphthylene	28.8	U	1	28.8	170	ug/Kg	11/13/25 15:38	PB170528
606-20-2	2,6-Dinitrotoluene	33.5	U	1	33.5	170	ug/Kg	11/13/25 15:38	PB170528
99-09-2	3-Nitroaniline	45.9	U	1	45.9	170	ug/Kg	11/13/25 15:38	PB170528
83-32-9	Acenaphthene	21.2	U	1	21.2	170	ug/Kg	11/13/25 15:38	PB170528
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/13/25 15:38	PB170528
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/13/25 15:38	PB170528
132-64-9	Dibenzofuran	22.6	U	1	22.6	170	ug/Kg	11/13/25 15:38	PB170528
121-14-2	2,4-Dinitrotoluene	50.0	U	1	50.0	170	ug/Kg	11/13/25 15:38	PB170528
84-66-2	Diethylphthalate	28.2	U	1	28.2	170	ug/Kg	11/13/25 15:38	PB170528
7005-72-3	4-Chlorophenyl-phenylether	26.6	U	1	26.6	170	ug/Kg	11/13/25 15:38	PB170528
86-73-7	Fluorene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
100-01-6	4-Nitroaniline	64.0	U	1	64.0	170	ug/Kg	11/13/25 15:38	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/13/25 15:38	PB170528

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: East Bathhouse- Concrete
Lab Sample ID: Q3615-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/12/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.8	U	1	32.8	170	ug/Kg	11/13/25 15:38	PB170528
101-55-3	4-Bromophenyl-phenylether	27.7	U	1	27.7	170	ug/Kg	11/13/25 15:38	PB170528
118-74-1	Hexachlorobenzene	25.2	U	1	25.2	170	ug/Kg	11/13/25 15:38	PB170528
1912-24-9	Atrazine	33.9	U	1	33.9	170	ug/Kg	11/13/25 15:38	PB170528
87-86-5	Pentachlorophenol	51.2	U	1	51.2	330	ug/Kg	11/13/25 15:38	PB170528
85-01-8	Phenanthrene	20.8	U	1	20.8	170	ug/Kg	11/13/25 15:38	PB170528
120-12-7	Anthracene	33.2	U	1	33.2	170	ug/Kg	11/13/25 15:38	PB170528
86-74-8	Carbazole	31.1	U	1	31.1	170	ug/Kg	11/13/25 15:38	PB170528
84-74-2	Di-n-butylphthalate	47.8	U	1	47.8	170	ug/Kg	11/13/25 15:38	PB170528
206-44-0	Fluoranthene	29.9	U	1	29.9	170	ug/Kg	11/13/25 15:38	PB170528
129-00-0	Pyrene	35.9	U	1	35.9	170	ug/Kg	11/13/25 15:38	PB170528
85-68-7	Butylbenzylphthalate	71.2	U	1	71.2	170	ug/Kg	11/13/25 15:38	PB170528
91-94-1	3,3-Dichlorobenzidine	36.6	U	1	36.6	330	ug/Kg	11/13/25 15:38	PB170528
56-55-3	Benzo(a)anthracene	22.9	U	1	22.9	170	ug/Kg	11/13/25 15:38	PB170528
218-01-9	Chrysene	19.8	U	1	19.8	170	ug/Kg	11/13/25 15:38	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	59.0	U	1	59.0	170	ug/Kg	11/13/25 15:38	PB170528
117-84-0	Di-n-octyl phthalate	86.6	U	1	86.6	330	ug/Kg	11/13/25 15:38	PB170528
205-99-2	Benzo(b)fluoranthene	18.9	U	1	18.9	170	ug/Kg	11/13/25 15:38	PB170528
207-08-9	Benzo(k)fluoranthene	22.3	U	1	22.3	170	ug/Kg	11/13/25 15:38	PB170528
50-32-8	Benzo(a)pyrene	29.4	U	1	29.4	170	ug/Kg	11/13/25 15:38	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.0	U	1	29.0	170	ug/Kg	11/13/25 15:38	PB170528
53-70-3	Dibenzo(a,h)anthracene	27.3	U	1	27.3	170	ug/Kg	11/13/25 15:38	PB170528
191-24-2	Benzo(g,h,i)perylene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:38	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	25.5	U	1	25.5	170	ug/Kg	11/13/25 15:38	PB170528
123-91-1	1,4-Dioxane	45.1	U	1	45.1	170	ug/Kg	11/13/25 15:38	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	27.3	U	1	27.3	170	ug/Kg	11/13/25 15:38	PB170528

SURROGATES

367-12-4	2-Fluorophenol	59.8		10 - 105	40%	SPK: 150
13127-88-3	Phenol-d6	62.6		10 - 103	42%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.4		10 - 108	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.7		10 - 108	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	53.7		10 - 116	36%	SPK: 150
1718-51-0	Terphenyl-d14	49.9		10 - 109	50%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	272000
1146-65-2	Naphthalene-d8	1020000
15067-26-2	Acenaphthene-d10	617000
1517-22-2	Phenanthrene-d10	1200000
1719-03-5	Chrysene-d12	1290000
1520-96-3	Perylene-d12	1460000

TENTATIVE IDENTIFIED COMPOUNDS

000057-10-3	n-Hexadecanoic acid	100	J	18.1	ug/Kg
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	11/12/25
Project:	Jones Beach Concrete		Date Received:	11/12/25
Client Sample ID:	East Bathhouse- Concrete		SDG No.:	Q3615
Lab Sample ID:	Q3615-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.08 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/13/25		

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.: Q3615

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
PB170528BL	PB170528BL	2-Fluorophenol	150	141	94		10	105
		Phenol-d6	150	135	90		10	103
		Nitrobenzene-d5	100	85.8	86		10	108
		2-Fluorobiphenyl	100	88.7	89		10	108
		2,4,6-Tribromophenol	150	130	86		10	116
		Terphenyl-d14	100	90.7	91		10	109
PB170528BS	PB170528BS	2-Fluorophenol	150	126	84		10	105
		Phenol-d6	150	126	84		10	103
		Nitrobenzene-d5	100	78.6	79		10	108
		2-Fluorobiphenyl	100	78.1	78		10	108
		2,4,6-Tribromophenol	150	126	84		10	116
		Terphenyl-d14	100	77.9	78		10	109
Q3609-13MS	AU-713-COMP-05MS	2-Fluorophenol	150	104	69		10	105
		Phenol-d6	150	107	71		10	103
		Nitrobenzene-d5	100	68.8	69		10	108
		2-Fluorobiphenyl	100	67.9	68		10	108
		2,4,6-Tribromophenol	150	108	72		10	116
		Terphenyl-d14	100	71.5	72		10	109
Q3609-13MSD	AU-713-COMP-05MSD	2-Fluorophenol	150	104	69		10	105
		Phenol-d6	150	105	70		10	103
		Nitrobenzene-d5	100	67.3	67		10	108
		2-Fluorobiphenyl	100	66.3	66		10	108
		2,4,6-Tribromophenol	150	106	71		10	116
		Terphenyl-d14	100	75.3	75		10	109
Q3615-01	East Bathhouse- Concrete	2-Fluorophenol	150	59.8	40		10	105
		Phenol-d6	150	62.6	42		10	103
		Nitrobenzene-d5	100	48.4	48		10	108
		2-Fluorobiphenyl	100	46.7	47		10	108
		2,4,6-Tribromophenol	150	53.7	36		10	116
		Terphenyl-d14	100	49.9	50		10	109

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BG064761.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3609-13MS		Client Sample ID: AU-713-COMP-05MS									
Benzaldehyde	1200	0	780	ug/Kg	65				20	111	
Phenol	1200	0	1200	ug/Kg	100				51	122	
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92				67	110	
2-Chlorophenol	1200	0	1100	ug/Kg	92				67	119	
2-Methylphenol	1200	0	1100	ug/Kg	92				68	116	
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83				59	113	
Acetophenone	1200	0	1100	ug/Kg	92				55	128	
3+4-Methylphenols	1200	0	1100	ug/Kg	92				70	111	
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83				59	119	
Hexachloroethane	1200	0	1000	ug/Kg	83				65	115	
Nitrobenzene	1200	0	1100	ug/Kg	92				66	120	
Isophorone	1200	0	1100	ug/Kg	92				67	113	
2-Nitrophenol	1200	0	1200	ug/Kg	100				69	135	
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100				63	151	
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92				70	112	
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100				70	121	
Naphthalene	1200	0	1100	ug/Kg	92				66	113	
4-Chloroaniline	1200	0	220	ug/Kg	18				10	100	
Hexachlorobutadiene	1200	0	1100	ug/Kg	92				67	118	
Caprolactam	1200	0	1200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1200	0	1200	ug/Kg	100				71	118	
2-Methylnaphthalene	1200	0	960	ug/Kg	80				59	123	
Hexachlorocyclopentadiene	2400	0	2200	ug/Kg	92				16	175	
2,4,6-Trichlorophenol	1200	0	1200	ug/Kg	100				67	128	
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100				69	123	
1,1-Biphenyl	1200	0	1100	ug/Kg	92				69	126	
2-Chloronaphthalene	1200	0	1100	ug/Kg	92				71	113	
2-Nitroaniline	1200	0	1200	ug/Kg	100				73	125	
Dimethylphthalate	1200	0	1100	ug/Kg	92				72	116	
Acenaphthylene	1200	0	1100	ug/Kg	92				69	128	
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100				67	141	
3-Nitroaniline	1200	0	450	ug/Kg	38				28	102	
Acenaphthene	1200	0	1300	ug/Kg	108				70	121	
2,4-Dinitrophenol	2400	0	2100	ug/Kg	88				10	164	
4-Nitrophenol	2400	0	2400	ug/Kg	100				49	133	
Dibenzofuran	1200	0	1100	ug/Kg	92				71	111	
2,4-Dinitrotoluene	1200	0	1200	ug/Kg	100				73	130	
Diethylphthalate	1200	0	1100	ug/Kg	92				73	116	
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92				72	112	
Fluorene	1200	0	1100	ug/Kg	92				67	114	
4-Nitroaniline	1200	0	1100	ug/Kg	92				61	128	
4,6-Dinitro-2-methylphenol	1200	0	1200	ug/Kg	100				25	163	
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100				73	118	
4-Bromophenyl-phenylether	1200	0	1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200	0	1100	ug/Kg	92				67	118	
Atrazine	1200	0	1100	ug/Kg	92				79	127	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BG064761.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2400	0	2300	ug/Kg	96				39	145	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Carbazole	1200	0	1100	ug/Kg	92				73	115	
Di-n-butylphthalate	1200	0	1100	ug/Kg	92				72	129	
Fluoranthene	1200	0	1100	ug/Kg	92				31	152	
Pyrene	1200	0	1200	ug/Kg	100				37	122	
Butylbenzylphthalate	1200	0	1100	ug/Kg	92				59	151	
3,3-Dichlorobenzidine	1200	0	380	ug/Kg	32				10	116	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200	0	1100	ug/Kg	92				64	139	
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92				51	156	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				52	117	
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100				48	129	
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100				40	133	
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92				65	132	
1,4-Dioxane	1200	0	970	ug/Kg	81				46	112	
2,3,4,6-Tetrachlorophenol	1200	0	1300	ug/Kg	108				56	141	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BG064762.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3609-13MSD		Client Sample ID: AU-713-COMP-05MSD									
Benzaldehyde	1200	0	760	ug/Kg	63		3		20	111	20
Phenol	1200	0	1100	ug/Kg	92		8		51	122	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83		10		67	110	20
2-Chlorophenol	1200	0	1100	ug/Kg	92		0		67	119	20
2-Methylphenol	1200	0	1100	ug/Kg	92		0		68	116	20
2,2-oxybis(1-Chloropropane)	1200	0	1000	ug/Kg	83		0		59	113	20
Acetophenone	1200	0	1100	ug/Kg	92		0		55	128	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		0		70	111	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	1000	ug/Kg	83		0		65	115	20
Nitrobenzene	1200	0	1100	ug/Kg	92		0		66	120	20
Isophorone	1200	0	1100	ug/Kg	92		0		67	113	20
2-Nitrophenol	1200	0	1100	ug/Kg	92		8		69	135	16
2,4-Dimethylphenol	1200	0	1100	ug/Kg	92		8		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		0		70	112	20
2,4-Dichlorophenol	1200	0	1200	ug/Kg	100		0		70	121	20
Naphthalene	1200	0	1100	ug/Kg	92		0		66	113	20
4-Chloroaniline	1200	0	220	ug/Kg	18		0		10	100	25
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		0		67	118	16
Caprolactam	1200	0	1200	ug/Kg	100		0		51	134	25
4-Chloro-3-methylphenol	1200	0	1200	ug/Kg	100		0		71	118	20
2-Methylnaphthalene	1200	0	960	ug/Kg	80		0		59	123	20
Hexachlorocyclopentadiene	2400	0	2100	ug/Kg	88		4		16	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		8		67	128	16
2,4,5-Trichlorophenol	1200	0	1200	ug/Kg	100		0		69	123	16
1,1-Biphenyl	1200	0	1100	ug/Kg	92		0		69	126	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		71	113	20
2-Nitroaniline	1200	0	1100	ug/Kg	92		8		73	125	16
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		72	116	20
Acenaphthylene	1200	0	1100	ug/Kg	92		0		69	128	15
2,6-Dinitrotoluene	1200	0	1200	ug/Kg	100		0		67	141	20
3-Nitroaniline	1200	0	470	ug/Kg	39		3		28	102	20
Acenaphthene	1200	0	1200	ug/Kg	100		8		70	121	16
2,4-Dinitrophenol	2400	0	2000	ug/Kg	83		6		10	164	30
4-Nitrophenol	2400	0	2300	ug/Kg	96		4		49	133	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		71	111	20
2,4-Dinitrotoluene	1200	0	1100	ug/Kg	92		8		73	130	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		73	116	20
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92		0		72	112	20
Fluorene	1200	0	1100	ug/Kg	92		0		67	114	20
4-Nitroaniline	1200	0	1000	ug/Kg	83		10		61	128	20
4,6-Dinitro-2-methylphenol	1200	0	1200	ug/Kg	100		0		25	163	30
N-Nitrosodiphenylamine	1200	0	1200	ug/Kg	100		0		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		0		67	118	20
Atrazine	1200	0	1100	ug/Kg	92		0		79	127	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3615

Analytical Method: SW8270E

Client: Core Environmental Consultants and Ser

DataFile: BG064762.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2400	0	2200	ug/Kg	92		4		39	145	20
Phenanthrene	1200	0	1100	ug/Kg	92		0		52	128	20
Anthracene	1200	0	1100	ug/Kg	92		0		62	124	20
Carbazole	1200	0	1100	ug/Kg	92		0		73	115	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92		0		72	129	20
Fluoranthene	1200	0	1000	ug/Kg	83		10		31	152	20
Pyrene	1200	0	1200	ug/Kg	100		0		37	122	27
Butylbenzylphthalate	1200	0	1200	ug/Kg	100		8		59	151	20
3,3-Dichlorobenzidine	1200	0	380	ug/Kg	32		0		10	116	20
Benzo(a)anthracene	1200	0	1100	ug/Kg	92		0		53	119	20
Chrysene	1200	0	1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1100	ug/Kg	92		0		64	139	20
Di-n-octyl phthalate	1200	0	1000	ug/Kg	83		10		51	156	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92		0		52	117	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100		0		48	129	20
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100		0		43	123	20
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100		0		40	133	20
1,2,4,5-Tetrachlorobenzene	1200	0	1100	ug/Kg	92		0		65	132	20
1,4-Dioxane	1200	0	900	ug/Kg	75		8		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1200	ug/Kg	100		8		56	141	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3615

Analytical Method:

8270E

Client: Core Environmental Consultants and Services, Inc.

DataFile:

BG064758.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170528BS	Benzaldehyde	1700	760	ug/Kg	45				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				74	105	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				75	100	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				75	113	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				61	130	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	820	ug/Kg	48				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				68	108	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				74	106	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	2500	ug/Kg	76				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	1400	ug/Kg	82				70	103	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				76	101	
	Acenaphthylene	1700	1400	ug/Kg	82				76	111	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				78	116	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				73	105	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				59	137	
	4-Nitrophenol	3300	3200	ug/Kg	97				60	124	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				78	115	
	Diethylphthalate	1700	1500	ug/Kg	88				76	104	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				73	101	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3615</u>	Analytical Method:	<u>8270E</u>
Client:	<u>Core Environmental Consultants and Services, Inc.</u>	DataFile:	<u>BG064758.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170528BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98		
	Atrazine	1700	1500	ug/Kg	88				71	122		
	Pentachlorophenol	3300	3100	ug/Kg	94				56	129		
	Phenanthrene	1700	1400	ug/Kg	82				75	100		
	Anthracene	1700	1400	ug/Kg	82				75	103		
	Carbazole	1700	1500	ug/Kg	88				76	103		
	Di-n-butylphthalate	1700	1500	ug/Kg	88				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	1000	ug/Kg	59				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	1600	ug/Kg	94				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				71	118		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170528BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3615

Lab File ID: BG064757.D

Lab Sample ID: PB170528BL

Instrument ID: BNA_G

Date Extracted: 11/13/2025

Matrix: (soil/water) SOIL

Date Analyzed: 11/13/2025

Level: (low/med) LOW

Time Analyzed: 15:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170528BS	PB170528BS	BG064758.D	11/13/2025
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025
East Bathhouse- Concrete	Q3615-01	BP026129.D	11/13/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064744.D
Instrument ID: BNA_G

Contract: CORE02
SDG NO.: Q3615
DFTPP Injection Date: 11/12/2025
DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	25.2
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BG064745.D	11/12/2025	11:17
SSTDICC005	SSTDICC005	BG064746.D	11/12/2025	11:58
SSTDICC010	SSTDICC010	BG064747.D	11/12/2025	12:39
SSTDICC020	SSTDICC020	BG064748.D	11/12/2025	13:20
SSTDICCC040	SSTDICCC040	BG064749.D	11/12/2025	14:00
SSTDICC050	SSTDICC050	BG064750.D	11/12/2025	14:41
SSTDICC060	SSTDICC060	BG064751.D	11/12/2025	15:23
SSTDICC080	SSTDICC080	BG064752.D	11/12/2025	16:04

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064755.D
Instrument ID: BNA_G

Contract: CORE02
SDG NO.: Q3615
DFTPP Injection Date: 11/13/2025
DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16.3
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
SSTDCCC040	SSTDCCC040	BG064756.D	11/13/2025	14:35
PB170528BL	PB170528BL	BG064757.D	11/13/2025	15:16
PB170528BS	PB170528BS	BG064758.D	11/13/2025	15:57
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025	18:03
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025	18:43

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026027.D
Instrument ID: BNA_P

Contract: CORE02
SDG NO.: Q3615
DFTPP Injection Date: 10/29/2025
DFTPP Injection Time: 08:45

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	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (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
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026125.D
Instrument ID: BNA_P

Contract: CORE02
SDG NO.: Q3615
DFTPP Injection Date: 11/13/2025
DFTPP Injection Time: 12:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	79.3
443	15.0 - 24.0% of mass 442	15.5 (19.6) 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	BP026126.D	11/13/2025	13:16
East Bathhouse- Concrete	Q3615-01	BP026129.D	11/13/2025	15:38

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3615

Client ID : SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BG064756.D

Time Analyzed: 14:35

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	35112	8.164	138078	10.98	109512	14.77
UPPER LIMIT	70224	8.664	276156	11.484	219024	15.274
LOWER LIMIT	17556	7.664	69039	10.484	54756	14.274
EPA SAMPLE NO.						
01 PB170528BL	29011	8.17	107778	10.98	85059	14.78
02 PB170528BS	35345	8.17	134884	10.98	109093	14.77
03 AU-713-COMP-05MS	32346	8.17	121484	10.98	96899	14.78
04 AU-713-COMP-05MSD	37173	8.16	139653	10.98	113644	14.78

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.: Q3615

Client ID: SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BG064756.D

Time Analyzed: 14:35

Instrument ID: BNA_G

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	269959	17.506	348735	21.76	372397	25.015
UPPER LIMIT	539918	18.006	697470	22.26	744794	25.515
LOWER LIMIT	134980	17.006	174368	21.26	186199	24.515
EPA SAMPLE NO.						
01 PB170528BL	213577	17.50	341171	21.75	353663	25.01
02 PB170528BS	277518	17.51	388627	21.76	384250	25.02
03 AU-713-COMP-05MS	237837	17.50	308191	21.76	326854	25.01
04 AU-713-COMP-05MSD	275145	17.50	306388	21.76	312946	25.01

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.: Q3615

Client ID : SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BP026126.D

Time Analyzed: 13:16

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	326955	7.672	1332770	10.44	834342	14.31
UPPER LIMIT	653910	8.172	2665540	10.937	1668680	14.807
LOWER LIMIT	163478	7.172	666385	9.937	417171	13.807
EPA SAMPLE NO.						
01 East Bathhouse- Concrete	271531	7.67	1023720	10.44	617140	14.32

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.: Q3615

Client ID: SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BP026126.D

Time Analyzed: 13:16

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	1683320	17.119	1774810	21.583	1968620	24.918
UPPER LIMIT	3366640	17.619	3549620	22.083	3937240	25.418
LOWER LIMIT	841660	16.619	887405	21.083	984310	24.418
EPA SAMPLE NO.						
01 East Bathhouse- Concrete	1198960	17.13	1286670	21.58	1461060	24.91

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: Jones Beach Concrete
Client Sample ID: PB170528BL
Lab Sample ID: PB170528BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

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	11/13/25 15:16	PB170528
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/13/25 15:16	PB170528
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/13/25 15:16	PB170528
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/13/25 15:16	PB170528
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/13/25 15:16	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/13/25 15:16	PB170528
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/13/25 15:16	PB170528
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/13/25 15:16	PB170528
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/13/25 15:16	PB170528
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/13/25 15:16	PB170528
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/13/25 15:16	PB170528
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/13/25 15:16	PB170528
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/13/25 15:16	PB170528
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/13/25 15:16	PB170528
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/13/25 15:16	PB170528
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/13/25 15:16	PB170528
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/13/25 15:16	PB170528
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/13/25 15:16	PB170528
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/13/25 15:16	PB170528
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/13/25 15:16	PB170528
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:16	PB170528
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/13/25 15:16	PB170528
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/13/25 15:16	PB170528
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/13/25 15:16	PB170528
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/13/25 15:16	PB170528
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/13/25 15:16	PB170528
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/13/25 15:16	PB170528
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/13/25 15:16	PB170528
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/13/25 15:16	PB170528
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/13/25 15:16	PB170528
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/13/25 15:16	PB170528
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/13/25 15:16	PB170528
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/13/25 15:16	PB170528
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/13/25 15:16	PB170528
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/13/25 15:16	PB170528
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/13/25 15:16	PB170528
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/13/25 15:16	PB170528
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/13/25 15:16	PB170528
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/13/25 15:16	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/13/25 15:16	PB170528

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: PB170528BL
Lab Sample ID: PB170528BL
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

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	11/13/25 15:16	PB170528
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/13/25 15:16	PB170528
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/13/25 15:16	PB170528
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/13/25 15:16	PB170528
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/13/25 15:16	PB170528
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/13/25 15:16	PB170528
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/13/25 15:16	PB170528
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/13/25 15:16	PB170528
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/13/25 15:16	PB170528
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/13/25 15:16	PB170528
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/13/25 15:16	PB170528
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/13/25 15:16	PB170528
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/13/25 15:16	PB170528
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/13/25 15:16	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/13/25 15:16	PB170528
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/13/25 15:16	PB170528
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/13/25 15:16	PB170528
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/13/25 15:16	PB170528
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/13/25 15:16	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/13/25 15:16	PB170528
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/13/25 15:16	PB170528
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/13/25 15:16	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/13/25 15:16	PB170528
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/13/25 15:16	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/13/25 15:16	PB170528

SURROGATES

367-12-4	2-Fluorophenol	141		10 - 105	94%	SPK: 150
13127-88-3	Phenol-d6	135		10 - 103	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.8		10 - 108	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.7		10 - 108	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		10 - 116	86%	SPK: 150
1718-51-0	Terphenyl-d14	90.7		10 - 109	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	29000
1146-65-2	Naphthalene-d8	108000
15067-26-2	Acenaphthene-d10	85100
1517-22-2	Phenanthrene-d10	214000
1719-03-5	Chrysene-d12	341000
1520-96-3	Perylene-d12	354000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Jones Beach Concrete		Date Received:	
Client Sample ID:	PB170528BL		SDG No.:	Q3615
Lab Sample ID:	PB170528BL		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/13/25		

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: Jones Beach Concrete
Client Sample ID: PB170528BS
Lab Sample ID: PB170528BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	760		1	160	330	ug/Kg	11/13/25 15:57	PB170528
108-95-2	Phenol	1500		1	22.1	170	ug/Kg	11/13/25 15:57	PB170528
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	11/13/25 15:57	PB170528
95-57-8	2-Chlorophenol	1500		1	24.4	170	ug/Kg	11/13/25 15:57	PB170528
95-48-7	2-Methylphenol	1500		1	29.9	170	ug/Kg	11/13/25 15:57	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	11/13/25 15:57	PB170528
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	11/13/25 15:57	PB170528
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/13/25 15:57	PB170528
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/13/25 15:57	PB170528
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	11/13/25 15:57	PB170528
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	11/13/25 15:57	PB170528
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	11/13/25 15:57	PB170528
88-75-5	2-Nitrophenol	1500		1	58.1	170	ug/Kg	11/13/25 15:57	PB170528
105-67-9	2,4-Dimethylphenol	1500		1	64.7	170	ug/Kg	11/13/25 15:57	PB170528
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	11/13/25 15:57	PB170528
120-83-2	2,4-Dichlorophenol	1600		1	28.3	170	ug/Kg	11/13/25 15:57	PB170528
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	11/13/25 15:57	PB170528
106-47-8	4-Chloroaniline	820		1	35.4	170	ug/Kg	11/13/25 15:57	PB170528
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
105-60-2	Caprolactam	1500		1	52.0	330	ug/Kg	11/13/25 15:57	PB170528
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/13/25 15:57	PB170528
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/13/25 15:57	PB170528
77-47-4	Hexachlorocyclopentadiene	2500		1	120	330	ug/Kg	11/13/25 15:57	PB170528
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	11/13/25 15:57	PB170528
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	11/13/25 15:57	PB170528
92-52-4	1,1-Biphenyl	1600		1	21.8	170	ug/Kg	11/13/25 15:57	PB170528
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	11/13/25 15:57	PB170528
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	11/13/25 15:57	PB170528
131-11-3	Dimethylphthalate	1400		1	27.1	170	ug/Kg	11/13/25 15:57	PB170528
208-96-8	Acenaphthylene	1400		1	28.9	170	ug/Kg	11/13/25 15:57	PB170528
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/13/25 15:57	PB170528
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	11/13/25 15:57	PB170528
83-32-9	Acenaphthene	1600		1	21.3	170	ug/Kg	11/13/25 15:57	PB170528
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/13/25 15:57	PB170528
100-02-7	4-Nitrophenol	3200	E	1	110	330	ug/Kg	11/13/25 15:57	PB170528
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/13/25 15:57	PB170528
121-14-2	2,4-Dinitrotoluene	1500		1	50.0	170	ug/Kg	11/13/25 15:57	PB170528
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/13/25 15:57	PB170528
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	11/13/25 15:57	PB170528
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
100-01-6	4-Nitroaniline	1500		1	64.1	170	ug/Kg	11/13/25 15:57	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	1600		1	100	330	ug/Kg	11/13/25 15:57	PB170528

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: PB170528BS
Lab Sample ID: PB170528BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected:
Date Received:
SDG No.: Q3615
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

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	11/13/25 15:57	PB170528
101-55-3	4-Bromophenyl-phenylether	1400		1	27.8	170	ug/Kg	11/13/25 15:57	PB170528
118-74-1	Hexachlorobenzene	1400		1	25.3	170	ug/Kg	11/13/25 15:57	PB170528
1912-24-9	Atrazine	1500		1	34.0	170	ug/Kg	11/13/25 15:57	PB170528
87-86-5	Pentachlorophenol	3100	E	1	51.2	330	ug/Kg	11/13/25 15:57	PB170528
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	11/13/25 15:57	PB170528
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	11/13/25 15:57	PB170528
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/13/25 15:57	PB170528
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/13/25 15:57	PB170528
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/13/25 15:57	PB170528
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	11/13/25 15:57	PB170528
85-68-7	Butylbenzylphthalate	1400		1	71.3	170	ug/Kg	11/13/25 15:57	PB170528
91-94-1	3,3-Dichlorobenzidine	1000		1	36.7	330	ug/Kg	11/13/25 15:57	PB170528
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	11/13/25 15:57	PB170528
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	11/13/25 15:57	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	11/13/25 15:57	PB170528
117-84-0	Di-n-octyl phthalate	1400		1	86.7	330	ug/Kg	11/13/25 15:57	PB170528
205-99-2	Benzo(b)fluoranthene	1600		1	19.0	170	ug/Kg	11/13/25 15:57	PB170528
207-08-9	Benzo(k)fluoranthene	1600		1	22.4	170	ug/Kg	11/13/25 15:57	PB170528
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/13/25 15:57	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	29.1	170	ug/Kg	11/13/25 15:57	PB170528
53-70-3	Dibenzo(a,h)anthracene	1600		1	27.4	170	ug/Kg	11/13/25 15:57	PB170528
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/13/25 15:57	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	170	ug/Kg	11/13/25 15:57	PB170528
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	11/13/25 15:57	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	11/13/25 15:57	PB170528

SURROGATES

367-12-4	2-Fluorophenol	126		10 - 105	84%	SPK: 150
13127-88-3	Phenol-d6	126		10 - 103	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.6		10 - 108	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		10 - 108	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		10 - 116	84%	SPK: 150
1718-51-0	Terphenyl-d14	77.9		10 - 109	78%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	35300
1146-65-2	Naphthalene-d8	135000
15067-26-2	Acenaphthene-d10	109000
1517-22-2	Phenanthrene-d10	278000
1719-03-5	Chrysene-d12	389000
1520-96-3	Perylene-d12	384000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Jones Beach Concrete		Date Received:	
Client Sample ID:	PB170528BS		SDG No.:	Q3615
Lab Sample ID:	PB170528BS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/13/25		

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: Jones Beach Concrete
Client Sample ID: AU-713-COMP-05MS
Lab Sample ID: Q3609-13MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/11/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 84.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	780		1	110	230	ug/Kg	11/13/25 18:03	PB170528
108-95-2	Phenol	1200		1	15.6	120	ug/Kg	11/13/25 18:03	PB170528
111-44-4	bis(2-Chloroethyl)ether	1100		1	17.1	120	ug/Kg	11/13/25 18:03	PB170528
95-57-8	2-Chlorophenol	1100		1	17.2	120	ug/Kg	11/13/25 18:03	PB170528
95-48-7	2-Methylphenol	1100		1	21.1	120	ug/Kg	11/13/25 18:03	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	1000		1	26.5	120	ug/Kg	11/13/25 18:03	PB170528
98-86-2	Acetophenone	1100		1	20.8	120	ug/Kg	11/13/25 18:03	PB170528
65794-96-9	3+4-Methylphenols	1100		1	29.0	230	ug/Kg	11/13/25 18:03	PB170528
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.4	56.4	ug/Kg	11/13/25 18:03	PB170528
67-72-1	Hexachloroethane	1000		1	12.4	120	ug/Kg	11/13/25 18:03	PB170528
98-95-3	Nitrobenzene	1100		1	12.9	120	ug/Kg	11/13/25 18:03	PB170528
78-59-1	Isophorone	1100		1	23.1	120	ug/Kg	11/13/25 18:03	PB170528
88-75-5	2-Nitrophenol	1200		1	41.1	120	ug/Kg	11/13/25 18:03	PB170528
105-67-9	2,4-Dimethylphenol	1200		1	45.7	120	ug/Kg	11/13/25 18:03	PB170528
111-91-1	bis(2-Chloroethoxy)methane	1100		1	21.7	120	ug/Kg	11/13/25 18:03	PB170528
120-83-2	2,4-Dichlorophenol	1200		1	20.0	120	ug/Kg	11/13/25 18:03	PB170528
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:03	PB170528
106-47-8	4-Chloroaniline	220		1	25.0	120	ug/Kg	11/13/25 18:03	PB170528
87-68-3	Hexachlorobutadiene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
105-60-2	Caprolactam	1200		1	36.8	230	ug/Kg	11/13/25 18:03	PB170528
59-50-7	4-Chloro-3-methylphenol	1200		1	20.3	120	ug/Kg	11/13/25 18:03	PB170528
91-57-6	2-Methylnaphthalene	960		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
77-47-4	Hexachlorocyclopentadiene	2200	E	1	81.8	230	ug/Kg	11/13/25 18:03	PB170528
88-06-2	2,4,6-Trichlorophenol	1200		1	14.0	120	ug/Kg	11/13/25 18:03	PB170528
95-95-4	2,4,5-Trichlorophenol	1200		1	20.5	120	ug/Kg	11/13/25 18:03	PB170528
92-52-4	1,1-Biphenyl	1100		1	15.4	120	ug/Kg	11/13/25 18:03	PB170528
91-58-7	2-Chloronaphthalene	1100		1	15.9	120	ug/Kg	11/13/25 18:03	PB170528
88-74-4	2-Nitroaniline	1200		1	33.9	120	ug/Kg	11/13/25 18:03	PB170528
131-11-3	Dimethylphthalate	1100		1	19.1	120	ug/Kg	11/13/25 18:03	PB170528
208-96-8	Acenaphthylene	1100		1	20.4	120	ug/Kg	11/13/25 18:03	PB170528
606-20-2	2,6-Dinitrotoluene	1200		1	23.7	120	ug/Kg	11/13/25 18:03	PB170528
99-09-2	3-Nitroaniline	450		1	32.5	120	ug/Kg	11/13/25 18:03	PB170528
83-32-9	Acenaphthene	1300		1	15.0	120	ug/Kg	11/13/25 18:03	PB170528
51-28-5	2,4-Dinitrophenol	2100	E	1	160	230	ug/Kg	11/13/25 18:03	PB170528
100-02-7	4-Nitrophenol	2400	E	1	75.5	230	ug/Kg	11/13/25 18:03	PB170528
132-64-9	Dibenzofuran	1100		1	16.0	120	ug/Kg	11/13/25 18:03	PB170528
121-14-2	2,4-Dinitrotoluene	1200		1	35.3	120	ug/Kg	11/13/25 18:03	PB170528
84-66-2	Diethylphthalate	1100		1	20.0	120	ug/Kg	11/13/25 18:03	PB170528
7005-72-3	4-Chlorophenyl-phenylether	1100		1	18.8	120	ug/Kg	11/13/25 18:03	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
100-01-6	4-Nitroaniline	1100		1	45.3	120	ug/Kg	11/13/25 18:03	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	1200		1	72.7	230	ug/Kg	11/13/25 18:03	PB170528

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: AU-713-COMP-05MS
Lab Sample ID: Q3609-13MS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.08 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/11/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 84.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1200		1	23.2	120	ug/Kg	11/13/25 18:03	PB170528
101-55-3	4-Bromophenyl-phenylether	1100		1	19.6	120	ug/Kg	11/13/25 18:03	PB170528
118-74-1	Hexachlorobenzene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
1912-24-9	Atrazine	1100		1	24.0	120	ug/Kg	11/13/25 18:03	PB170528
87-86-5	Pentachlorophenol	2300	E	1	36.2	230	ug/Kg	11/13/25 18:03	PB170528
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	11/13/25 18:03	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:03	PB170528
86-74-8	Carbazole	1100		1	22.0	120	ug/Kg	11/13/25 18:03	PB170528
84-74-2	Di-n-butylphthalate	1100		1	33.8	120	ug/Kg	11/13/25 18:03	PB170528
206-44-0	Fluoranthene	1100		1	21.2	120	ug/Kg	11/13/25 18:03	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:03	PB170528
85-68-7	Butylbenzylphthalate	1100		1	50.4	120	ug/Kg	11/13/25 18:03	PB170528
91-94-1	3,3-Dichlorobenzidine	380		1	25.9	230	ug/Kg	11/13/25 18:03	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:03	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:03	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	1100		1	41.8	120	ug/Kg	11/13/25 18:03	PB170528
117-84-0	Di-n-octyl phthalate	1100		1	61.2	230	ug/Kg	11/13/25 18:03	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:03	PB170528
207-08-9	Benzo(k)fluoranthene	1100		1	15.8	120	ug/Kg	11/13/25 18:03	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:03	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:03	PB170528
53-70-3	Dibenzo(a,h)anthracene	1200		1	19.3	120	ug/Kg	11/13/25 18:03	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
123-91-1	1,4-Dioxane	970		1	31.9	120	ug/Kg	11/13/25 18:03	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	1300		1	19.3	120	ug/Kg	11/13/25 18:03	PB170528

SURROGATES

367-12-4	2-Fluorophenol	104		10 - 105	69%	SPK: 150
13127-88-3	Phenol-d6	107		10 - 103	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.8		10 - 108	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.9		10 - 108	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	108		10 - 116	72%	SPK: 150
1718-51-0	Terphenyl-d14	71.5		10 - 109	72%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	32300
1146-65-2	Naphthalene-d8	121000
15067-26-2	Acenaphthene-d10	96900
1517-22-2	Phenanthrene-d10	238000
1719-03-5	Chrysene-d12	308000
1520-96-3	Perylene-d12	327000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MS	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.9
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	50.08 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/13/25		

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: Jones Beach Concrete
Client Sample ID: AU-713-COMP-05MSD
Lab Sample ID: Q3609-13MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.06 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/11/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 84.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	760		1	110	230	ug/Kg	11/13/25 18:43	PB170528
108-95-2	Phenol	1100		1	15.6	120	ug/Kg	11/13/25 18:43	PB170528
111-44-4	bis(2-Chloroethyl)ether	1000		1	17.2	120	ug/Kg	11/13/25 18:43	PB170528
95-57-8	2-Chlorophenol	1100		1	17.2	120	ug/Kg	11/13/25 18:43	PB170528
95-48-7	2-Methylphenol	1100		1	21.1	120	ug/Kg	11/13/25 18:43	PB170528
108-60-1	2,2-oxybis(1-Chloropropane)	1000		1	26.5	120	ug/Kg	11/13/25 18:43	PB170528
98-86-2	Acetophenone	1100		1	20.8	120	ug/Kg	11/13/25 18:43	PB170528
65794-96-9	3+4-Methylphenols	1100		1	29.0	230	ug/Kg	11/13/25 18:43	PB170528
621-64-7	n-Nitroso-di-n-propylamine	1000		1	33.5	56.5	ug/Kg	11/13/25 18:43	PB170528
67-72-1	Hexachloroethane	1000		1	12.4	120	ug/Kg	11/13/25 18:43	PB170528
98-95-3	Nitrobenzene	1100		1	12.9	120	ug/Kg	11/13/25 18:43	PB170528
78-59-1	Isophorone	1100		1	23.2	120	ug/Kg	11/13/25 18:43	PB170528
88-75-5	2-Nitrophenol	1100		1	41.1	120	ug/Kg	11/13/25 18:43	PB170528
105-67-9	2,4-Dimethylphenol	1100		1	45.7	120	ug/Kg	11/13/25 18:43	PB170528
111-91-1	bis(2-Chloroethoxy)methane	1100		1	21.7	120	ug/Kg	11/13/25 18:43	PB170528
120-83-2	2,4-Dichlorophenol	1200		1	20.0	120	ug/Kg	11/13/25 18:43	PB170528
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:43	PB170528
106-47-8	4-Chloroaniline	220		1	25.0	120	ug/Kg	11/13/25 18:43	PB170528
87-68-3	Hexachlorobutadiene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
105-60-2	Caprolactam	1200		1	36.8	230	ug/Kg	11/13/25 18:43	PB170528
59-50-7	4-Chloro-3-methylphenol	1200		1	20.3	120	ug/Kg	11/13/25 18:43	PB170528
91-57-6	2-Methylnaphthalene	960		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
77-47-4	Hexachlorocyclopentadiene	2100	E	1	81.9	230	ug/Kg	11/13/25 18:43	PB170528
88-06-2	2,4,6-Trichlorophenol	1100		1	14.0	120	ug/Kg	11/13/25 18:43	PB170528
95-95-4	2,4,5-Trichlorophenol	1200		1	20.5	120	ug/Kg	11/13/25 18:43	PB170528
92-52-4	1,1-Biphenyl	1100		1	15.4	120	ug/Kg	11/13/25 18:43	PB170528
91-58-7	2-Chloronaphthalene	1100		1	15.9	120	ug/Kg	11/13/25 18:43	PB170528
88-74-4	2-Nitroaniline	1100		1	34.0	120	ug/Kg	11/13/25 18:43	PB170528
131-11-3	Dimethylphthalate	1100		1	19.1	120	ug/Kg	11/13/25 18:43	PB170528
208-96-8	Acenaphthylene	1100		1	20.4	120	ug/Kg	11/13/25 18:43	PB170528
606-20-2	2,6-Dinitrotoluene	1200		1	23.7	120	ug/Kg	11/13/25 18:43	PB170528
99-09-2	3-Nitroaniline	470		1	32.5	120	ug/Kg	11/13/25 18:43	PB170528
83-32-9	Acenaphthene	1200		1	15.0	120	ug/Kg	11/13/25 18:43	PB170528
51-28-5	2,4-Dinitrophenol	2000	E	1	160	230	ug/Kg	11/13/25 18:43	PB170528
100-02-7	4-Nitrophenol	2300	E	1	75.5	230	ug/Kg	11/13/25 18:43	PB170528
132-64-9	Dibenzofuran	1100		1	16.0	120	ug/Kg	11/13/25 18:43	PB170528
121-14-2	2,4-Dinitrotoluene	1100		1	35.4	120	ug/Kg	11/13/25 18:43	PB170528
84-66-2	Diethylphthalate	1100		1	20.0	120	ug/Kg	11/13/25 18:43	PB170528
7005-72-3	4-Chlorophenyl-phenylether	1100		1	18.8	120	ug/Kg	11/13/25 18:43	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
100-01-6	4-Nitroaniline	1000		1	45.3	120	ug/Kg	11/13/25 18:43	PB170528
534-52-1	4,6-Dinitro-2-methylphenol	1200		1	72.7	230	ug/Kg	11/13/25 18:43	PB170528

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: Jones Beach Concrete
Client Sample ID: AU-713-COMP-05MSD
Lab Sample ID: Q3609-13MSD
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.06 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/13/25

Date Collected: 11/11/25
Date Received: 11/12/25
SDG No.: Q3615
Matrix: SOIL
% Solid: 84.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1200		1	23.2	120	ug/Kg	11/13/25 18:43	PB170528
101-55-3	4-Bromophenyl-phenylether	1200		1	19.6	120	ug/Kg	11/13/25 18:43	PB170528
118-74-1	Hexachlorobenzene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
1912-24-9	Atrazine	1100		1	24.0	120	ug/Kg	11/13/25 18:43	PB170528
87-86-5	Pentachlorophenol	2200	E	1	36.2	230	ug/Kg	11/13/25 18:43	PB170528
85-01-8	Phenanthrene	1100		1	14.8	120	ug/Kg	11/13/25 18:43	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:43	PB170528
86-74-8	Carbazole	1100		1	22.0	120	ug/Kg	11/13/25 18:43	PB170528
84-74-2	Di-n-butylphthalate	1100		1	33.8	120	ug/Kg	11/13/25 18:43	PB170528
206-44-0	Fluoranthene	1000		1	21.2	120	ug/Kg	11/13/25 18:43	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:43	PB170528
85-68-7	Butylbenzylphthalate	1200		1	50.4	120	ug/Kg	11/13/25 18:43	PB170528
91-94-1	3,3-Dichlorobenzidine	380		1	25.9	230	ug/Kg	11/13/25 18:43	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:43	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:43	PB170528
117-81-7	Bis(2-ethylhexyl)phthalate	1100		1	41.8	120	ug/Kg	11/13/25 18:43	PB170528
117-84-0	Di-n-octyl phthalate	1000		1	61.3	230	ug/Kg	11/13/25 18:43	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:43	PB170528
207-08-9	Benzo(k)fluoranthene	1100		1	15.8	120	ug/Kg	11/13/25 18:43	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:43	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:43	PB170528
53-70-3	Dibenzo(a,h)anthracene	1200		1	19.3	120	ug/Kg	11/13/25 18:43	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
123-91-1	1,4-Dioxane	900		1	31.9	120	ug/Kg	11/13/25 18:43	PB170528
58-90-2	2,3,4,6-Tetrachlorophenol	1200		1	19.3	120	ug/Kg	11/13/25 18:43	PB170528

SURROGATES

367-12-4	2-Fluorophenol	104		10 - 105	69%	SPK: 150
13127-88-3	Phenol-d6	105		10 - 103	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.3		10 - 108	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.3		10 - 108	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	75.3		10 - 109	75%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	37200
1146-65-2	Naphthalene-d8	140000
15067-26-2	Acenaphthene-d10	114000
1517-22-2	Phenanthrene-d10	275000
1719-03-5	Chrysene-d12	306000
1520-96-3	Perylene-d12	313000

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/11/25
Project:	Jones Beach Concrete	Date Received:	11/12/25
Client Sample ID:	AU-713-COMP-05MSD	SDG No.:	Q3615
Lab Sample ID:	Q3609-13MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.9
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	50.06 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/13/25		

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_G\Methods\
 Method File : 8270-BG111225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 12 17:10:56 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064745.D 5 =BG064746.D 10 =BG064747.D 20 =BG064748.D 40 =BG064749.D 50 =BG064750.D 60 =BG064751.D 80 =BG064752.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.441	0.455	0.445	0.468	0.452	0.420	0.422	0.443		3.90
3)	Pyridine	1.269	1.297	1.315	1.365	1.355	1.344	1.303	1.321		2.62
4)	n-Nitrosodimet...		0.657	0.664	0.687	0.690	0.672	0.665	0.672		1.95
5) S	2-Fluorophenol	1.084	1.128	1.165	1.170	1.181	1.151	1.140	1.145		2.85
6)	Aniline	1.783	2.001	2.105	2.109	2.125	2.034	2.057	2.030		5.82
7) S	Phenol-d6	1.388	1.466	1.539	1.580	1.616	1.535	1.540	1.523		4.95
8)	2-Chlorophenol	1.208	1.221	1.268	1.303	1.318	1.225	1.261	1.258		3.36
9)	Benzaldehyde		1.027	0.980	1.029	0.949	1.004	0.994	0.997		3.01
10) C	Phenol	1.501	1.584	1.666	1.711	1.774	1.669	1.698	1.657		5.40
11)	bis(2-Chloroet...	1.093	1.141	1.224	1.234	1.224	1.164	1.176	1.179		4.39
12)	1,3-Dichlorobe...	1.410	1.423	1.487	1.492	1.467	1.412	1.440	1.447		2.38
13) C	1,4-Dichlorobe...	1.434	1.461	1.529	1.501	1.485	1.448	1.456	1.474		2.26
14)	1,2-Dichlorobe...	1.416	1.371	1.444	1.475	1.447	1.429	1.419	1.429		2.27
15)	Benzyl Alcohol		1.055	1.229	1.305	1.338	1.276	1.300	1.250		8.18
16)	2,2'-oxybis(1-...	2.713	2.796	2.959	2.834	2.861	2.687	2.692	2.792		3.63
17)	2-Methylphenol	1.072	1.149	1.196	1.218	1.234	1.156	1.185	1.173		4.61
18)	Hexachloroethane	0.584	0.549	0.572	0.563	0.550	0.541	0.548	0.558		2.76
19) P	n-Nitroso-di-n...	0.924	0.875	1.015	1.116	1.097	1.138	1.036	1.039	1.030	8.93
20)	3+4-Methylphenols		1.480	1.628	1.649	1.670	1.602	1.610	1.607		4.14
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.465	0.536	0.581	0.561	0.555	0.547	0.571	0.545		7.02
23) S	Nitrobenzene-d5	0.371	0.378	0.410	0.414	0.416	0.411	0.433	0.405		5.47
24)	Nitrobenzene	0.353	0.398	0.431	0.415	0.417	0.415	0.432	0.409		6.62
25)	Isophorone	0.723	0.760	0.796	0.767	0.785	0.777	0.784	0.770		3.13
26) C	2-Nitrophenol	0.133	0.175	0.189	0.193	0.194	0.197	0.206	0.184		13.12
27)	2,4-Dimethylph...	0.309	0.301	0.336	0.331	0.334	0.336	0.338	0.327		4.55
28)	bis(2-Chloroet...	0.383	0.419	0.444	0.425	0.432	0.423	0.435	0.423		4.63
29) C	2,4-Dichloroph...	0.283	0.331	0.367	0.364	0.371	0.365	0.373	0.351		9.39
30)	1,2,4-Trichlor...	0.408	0.417	0.443	0.424	0.418	0.419	0.435	0.423		2.83
31)	Naphthalene	1.076	1.163	1.170	1.141	1.123	1.120	1.145	1.134		2.79
32)	Benzoic acid		0.135	0.166	0.204	0.221	0.255	0.248	0.205		22.85
33)	4-Chloroaniline	0.357	0.452	0.477	0.471	0.472	0.466	0.479	0.454		9.61
34) C	Hexachlorobuta...	0.365	0.353	0.370	0.366	0.358	0.357	0.374	0.363		2.14
35)	Caprolactam		0.090	0.104	0.103	0.114	0.107	0.111	0.105		8.03
36) C	4-Chloro-3-met...	0.348	0.388	0.399	0.390	0.402	0.402	0.404	0.390		5.07
37)	2-Methylnaphth...	0.820	0.842	0.902	0.844	0.850	0.835	0.846	0.848		3.03
38)	1-Methylnaphth...	0.844	0.841	0.880	0.834	0.835	0.820	0.845	0.843		2.20

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG111225.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.756	0.746	0.811	0.782	0.759	0.789	0.806	0.778	3.25	
41) P	Hexachlorocycl...	0.478	0.547	0.560	0.557	0.592	0.612	0.558	8.28		
42) S	2,4,6-Tribromo...	0.346	0.384	0.410	0.386	0.398	0.403	0.404	0.390	5.53	
43) C	2,4,6-Trichlor...	0.386	0.432	0.472	0.465	0.474	0.481	0.487	0.457	7.90	
44)	2,4,5-Trichlor...	0.467	0.460	0.546	0.521	0.520	0.531	0.543	0.512	6.82	
45) S	2-Fluorobiphenyl	1.403	1.445	1.509	1.420	1.400	1.434	1.422	1.433	2.58	
46)	1,1'-Biphenyl	1.416	1.417	1.498	1.428	1.405	1.441	1.449	1.436	2.17	
47)	2-Chloronaphth...	1.124	1.112	1.167	1.120	1.116	1.138	1.146	1.132	1.74	
48)	2-Nitroaniline	0.291	0.345	0.373	0.371	0.383	0.391	0.394	0.364	9.94	
49)	Acenaphthylene	1.839	1.928	1.996	1.930	1.932	1.967	1.942	1.933	2.51	
50)	Dimethylphthalate	1.535	1.569	1.654	1.549	1.580	1.592	1.581	1.580	2.42	
51)	2,6-Dinitrotol...	0.265	0.281	0.313	0.305	0.317	0.322	0.325	0.304	7.36	
52) C	Acenaphthene	1.072	1.104	1.169	1.166	1.177	1.213	1.212	1.159	4.56	
53)	3-Nitroaniline	0.247	0.277	0.301	0.306	0.320	0.326	0.323	0.300	9.57	
54) P	2,4-Dinitrophenol	0.060	0.114	0.169	0.189	0.198	0.221	0.158	38.04		
55)	Dibenzofuran	1.897	1.991	1.994	1.867	1.892	1.889	1.885	1.916	2.75	
56) P	4-Nitrophenol	0.181	0.224	0.241	0.257	0.261	0.264	0.238	13.24		
57)	2,4-Dinitrotol...	0.376	0.426	0.477	0.462	0.472	0.489	0.489	0.456	9.08	
58)	Fluorene	1.481	1.569	1.595	1.471	1.462	1.475	1.469	1.503	3.65	
59)	2,3,4,6-Tetrac...	0.418	0.480	0.521	0.501	0.536	0.543	0.539	0.506	8.85	
60)	Diethylphthalate	1.443	1.521	1.585	1.492	1.532	1.520	1.501	1.513	2.84	
61)	4-Chlorophenyl...	0.892	0.927	0.940	0.880	0.882	0.894	0.899	0.902	2.53	
62)	4-Nitroaniline	0.245	0.288	0.318	0.320	0.335	0.335	0.334	0.311	10.71	
63)	Azobenzene	1.244	1.292	1.309	1.235	1.250	1.255	1.227	1.259	2.40	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.073	0.099	0.117	0.121	0.126	0.131	0.111	19.44		
66) c	n-Nitrosodiphe...	0.483	0.531	0.544	0.538	0.519	0.528	0.524	0.524	3.79	
67)	4-Bromophenyl-...	0.241	0.263	0.269	0.269	0.259	0.269	0.267	0.263	3.86	
68)	Hexachlorobenzene	0.312	0.312	0.326	0.320	0.318	0.317	0.323	0.318	1.67	
69)	Atrazine	0.245	0.251	0.257	0.253	0.254	0.253	0.256	0.253	1.53	
70) C	Pentachlorophenol	0.088	0.138	0.160	0.177	0.187	0.193	0.157	24.85		
71)	Phenanthrene	1.075	1.118	1.123	1.099	1.081	1.090	1.074	1.094	1.84	
72)	Anthracene	1.098	1.122	1.152	1.113	1.099	1.113	1.114	1.116	1.62	
73)	Carbazole	0.926	0.987	0.982	0.971	0.944	0.955	0.950	0.959	2.27	
74)	Di-n-butylphth...	0.998	1.107	1.105	1.077	1.076	1.070	1.059	1.070	3.41	
75) C	Fluoranthene	1.508	1.558	1.531	1.494	1.461	1.475	1.448	1.496	2.61	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.674	0.631	0.561	0.618	0.552	0.557	0.599	8.29		
78)	Pyrene	1.076	1.089	1.145	1.111	1.164	1.136	1.125	1.121	2.78	
79) S	Terphenyl-d14	1.018	1.028	1.060	1.012	1.040	0.993	0.967	1.017	3.01	
80)	Butylbenzylpht...	0.377	0.391	0.402	0.391	0.404	0.397	0.398	0.394	2.37	
81)	Benzo(a)anthra...	1.338	1.371	1.395	1.379	1.357	1.334	1.346	1.360	1.66	
82)	3,3'-Dichlorob...	0.501	0.518	0.517	0.507	0.479	0.481	0.501	3.35		
83)	Chrysene	1.266	1.292	1.301	1.309	1.267	1.275	1.264	1.282	1.44	
84)	Bis(2-ethylhex...	0.582	0.581	0.598	0.583	0.571	0.564	0.553	0.576	2.54	
85) c	Di-n-octyl pht...	0.993	1.026	1.038	0.983	0.974	0.962	0.996	2.99		

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.262	1.324	1.388	1.399	1.404	1.404	1.438	1.374	4.38
88)	Benzo(b)fluora...	1.190	1.250	1.299	1.291	1.279	1.304	1.296	1.273	3.21
89)	Benzo(k)fluora...	1.245	1.296	1.321	1.249	1.279	1.256	1.305	1.279	2.32
90) C	Benzo(a)pyrene	1.131	1.176	1.197	1.191	1.182	1.189	1.199	1.181	1.99
91)	Dibenzo(a,h)an...	1.026	1.092	1.128	1.151	1.155	1.147	1.180	1.126	4.60
92)	Benzo(g,h,i)pe...	1.000	1.044	1.091	1.105	1.108	1.104	1.131	1.083	4.19

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Oct 30 11:51:34 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP026035.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57	
3)	Pyridine	1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69	
4)	n-Nitrosodimet...	0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39		
5) S	2-Fluorophenol	1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44	
6)	Aniline	1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76	
7) S	Phenol-d6	1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77	
8)	2-Chlorophenol	1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97	
9)	Benzaldehyde	0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45		
10) C	Phenol	1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44	
11)	bis(2-Chloroet...	1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57	
12)	1,3-Dichlorobe...	1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00	
13) C	1,4-Dichlorobe...	1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97	
14)	1,2-Dichlorobe...	1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83	
15)	Benzyl Alcohol	1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47		
16)	2,2'-oxybis(1-...	1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75	
17)	2-Methylphenol	0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75	
18)	Hexachloroethane	0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49	
19) P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)	3+4-Methylphenols	1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96		
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14	
23) S	Nitrobenzene-d5	0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34	
24)	Nitrobenzene	0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83	
25)	Isophorone	0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03	
26) C	2-Nitrophenol	0.069	0.092	0.107	0.128	0.124	0.104	23.21			
27)	2,4-Dimethylph...	0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90	
28)	bis(2-Chloroet...	0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79	
29) C	2,4-Dichloroph...	0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75	
30)	1,2,4-Trichlor...	0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52	
31)	Naphthalene	1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28	
32)	Benzoic acid	0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84		
33)	4-Chloroaniline	0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80	
34) C	Hexachlorobuta...	0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70	
35)	Caprolactam	0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98		
36) C	4-Chloro-3-met...	0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33	
37)	2-Methylnaphth...	0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02	
38)	1-Methylnaphth...	0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41) P	Hexachlorocycl...	0.200	0.198	0.237	0.218	0.260	0.251	0.227		11.46
42) S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43) C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)	2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45) S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)	1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)	2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)	2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)	Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)	Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)	2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52) C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)	3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54) P	2,4-Dinitrophenol	0.069	0.082	0.100	0.096	0.123	0.126	0.100		22.44
55)	Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56) P	4-Nitrophenol	0.277	0.309	0.285	0.258	0.310	0.301	0.290		7.04
57)	2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)	Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)	2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)	Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)	4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)	4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)	Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.053	0.065	0.076	0.075	0.096	0.096	0.077		22.06
66) c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)	4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)	Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)	Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70) C	Pentachlorophenol	0.126	0.143	0.161	0.148	0.178	0.170	0.154		12.39
71)	Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)	Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)	Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)	Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75) C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzydine	0.411	0.508	0.517	0.451	0.598	0.560	0.508		13.50
78)	Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79) S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)	Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)	Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)	3,3'-Dichlorob...	0.390	0.424	0.462	0.416	0.497	0.467	0.443		8.87
83)	Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)	Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85) c	Di-n-octyl pht...	0.822	1.025	1.287	1.238	1.407	1.364	1.191		18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)	Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)	Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90) C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)	Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)	Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = 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>Q3615</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>11/13/2025 14:35</u>
Lab File ID:	<u>BG064756.D</u>	Init. Calib. Date(s):	<u>11/12/2025 11/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:17 16:04</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.131		-1.2	
Benzaldehyde	0.997	0.963		-3.4	
Phenol-d6	1.523	1.539		1.1	
Phenol	1.657	1.683		1.6	20.0
bis(2-Chloroethyl)ether	1.179	1.218		3.3	
2-Chlorophenol	1.258	1.295		2.9	
2-Methylphenol	1.173	1.196		2.0	
2,2-oxybis(1-Chloropropane)	2.792	2.835		1.5	
Acetophenone	0.545	0.557		2.2	
3+4-Methylphenols	1.607	1.614		0.4	
n-Nitroso-di-n-propylamine	1.030	1.080	0.050	4.9	
Nitrobenzene-d5	0.405	0.405		0.0	
Hexachloroethane	0.558	0.545		-2.3	
Nitrobenzene	0.409	0.423		3.4	
Isophorone	0.770	0.773		0.4	
2-Nitrophenol	0.184	0.189		2.7	20.0
2,4-Dimethylphenol	0.327	0.339		3.7	
bis(2-Chloroethoxy)methane	0.423	0.434		2.6	
2,4-Dichlorophenol	0.351	0.364		3.7	20.0
Naphthalene	1.134	1.123		-1.0	
4-Chloroaniline	0.454	0.461		1.5	
Hexachlorobutadiene	0.363	0.358		-1.4	20.0
Caprolactam	0.105	0.103		-1.9	
4-Chloro-3-methylphenol	0.390	0.391		0.3	20.0
2-Methylnaphthalene	0.848	0.841		-0.8	
Hexachlorocyclopentadiene	0.558	0.566	0.050	1.4	
2,4,6-Trichlorophenol	0.457	0.468		2.4	20.0
2-Fluorobiphenyl	1.433	1.435		0.1	
2,4,5-Trichlorophenol	0.512	0.526		2.7	
1,1-Biphenyl	1.436	1.440		0.3	
2-Chloronaphthalene	1.132	1.110		-1.9	
2-Nitroaniline	0.364	0.366		0.5	
Dimethylphthalate	1.580	1.576		-0.3	
Acenaphthylene	1.933	1.930		-0.2	
2,6-Dinitrotoluene	0.304	0.316		3.9	
3-Nitroaniline	0.300	0.315		5.0	
Acenaphthene	1.159	1.191		2.8	20.0
2,4-Dinitrophenol	0.158	0.168	0.050	6.3	
4-Nitrophenol	0.238	0.242	0.050	1.7	

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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>Q3615</u>
Instrument ID:	<u>BNA_G</u>	Calibration Date/Time:	<u>11/13/2025 14:35</u>
Lab File ID:	<u>BG064756.D</u>	Init. Calib. Date(s):	<u>11/12/2025 11/12/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:17 16:04</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.916	1.896		-1.0	
2,4-Dinitrotoluene	0.456	0.482		5.7	
Diethylphthalate	1.513	1.532		1.3	
4-Chlorophenyl-phenylether	0.902	0.902		0.0	
Fluorene	1.503	1.475		-1.9	
4-Nitroaniline	0.311	0.324		4.2	
4,6-Dinitro-2-methylphenol	0.111	0.123		10.8	
n-Nitrosodiphenylamine	0.524	0.550		5.0	20.0
2,4,6-Tribromophenol	0.390	0.387		-0.8	
4-Bromophenyl-phenylether	0.263	0.273		3.8	
Hexachlorobenzene	0.318	0.328		3.1	
Atrazine	0.253	0.255		0.8	
Pentachlorophenol	0.157	0.168		7.0	20.0
Phenanthrene	1.094	1.107		1.2	
Anthracene	1.116	1.128		1.1	
Carbazole	0.959	0.957		-0.2	
Di-n-butylphthalate	1.070	1.087		1.6	
Fluoranthene	1.496	1.486		-0.7	20.0
Pyrene	1.121	1.181		5.4	
Terphenyl-d14	1.017	1.067		4.9	
Butylbenzylphthalate	0.394	0.404		2.5	
3,3-Dichlorobenzidine	0.501	0.488		-2.6	
Benzo (a) anthracene	1.360	1.363		0.2	
Chrysene	1.282	1.292		0.8	
Bis(2-ethylhexyl)phthalate	0.576	0.582		1.0	
Di-n-octyl phthalate	0.996	0.995		-0.1	20.0
Benzo (b) fluoranthene	1.273	1.277		0.3	
Benzo (k) fluoranthene	1.279	1.262		-1.3	
Benzo (a) pyrene	1.181	1.176		-0.4	20.0
Indeno (1,2,3-cd) pyrene	1.374	1.421		3.4	
Dibenzo (a,h) anthracene	1.126	1.168		3.7	
Benzo (g,h,i) perylene	1.083	1.119		3.3	
1,2,4,5-Tetrachlorobenzene	0.778	0.773		-0.6	
1,4-Dioxane	0.443	0.450		1.6	20.0
2,3,4,6-Tetrachlorophenol	0.506	0.525		3.8	

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>Q3615</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>11/13/2025 13:16</u>
Lab File ID:	<u>BP026126.D</u>	Init. Calib. Date(s):	<u>10/29/2025 10/29/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:26 14:13</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.262		4.1	
Benzaldehyde	0.802	0.738		-8.0	
Phenol-d6	1.543	1.607		4.1	
Phenol	1.713	1.751		2.2	20.0
bis(2-Chloroethyl)ether	1.352	1.349		-0.2	
2-Chlorophenol	1.342	1.454		8.3	
2-Methylphenol	1.121	1.157		3.2	
2,2-oxybis(1-Chloropropane)	2.043	1.829		-10.5	
Acetophenone	0.506	0.502		-0.8	
3+4-Methylphenols	1.560	1.591		2.0	
n-Nitroso-di-n-propylamine	0.958	0.967	0.050	0.9	
Nitrobenzene-d5	0.321	0.351		9.3	
Hexachloroethane	0.533	0.568		6.6	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.684		-0.4	
2-Nitrophenol	0.104	0.183		76.0	20.0
2,4-Dimethylphenol	0.289	0.290		0.3	
bis(2-Chloroethoxy)methane	0.433	0.432		-0.2	
2,4-Dichlorophenol	0.305	0.336		10.2	20.0
Naphthalene	1.091	1.092		0.1	
4-Chloroaniline	0.419	0.421		0.5	
Hexachlorobutadiene	0.211	0.220		4.3	20.0
Caprolactam	0.107	0.113		5.6	
4-Chloro-3-methylphenol	0.320	0.343		7.2	20.0
2-Methylnaphthalene	0.763	0.760		-0.4	
Hexachlorocyclopentadiene	0.227	0.250	0.050	10.1	
2,4,6-Trichlorophenol	0.367	0.429		16.9	20.0
2-Fluorobiphenyl	1.392	1.381		-0.8	
2,4,5-Trichlorophenol	0.419	0.476		13.6	
1,1-Biphenyl	1.531	1.521		-0.7	
2-Chloronaphthalene	1.205	1.207		0.2	
2-Nitroaniline	0.272	0.333		22.4	
Dimethylphthalate	1.455	1.498		3.0	
Acenaphthylene	1.756	1.777		1.2	
2,6-Dinitrotoluene	0.237	0.307		29.5	
3-Nitroaniline	0.291	0.350		20.3	
Acenaphthene	1.206	1.181		-2.1	20.0
2,4-Dinitrophenol	0.100	0.156	0.050	56.0	
4-Nitrophenol	0.290	0.315	0.050	8.6	

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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>Q3615</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>11/13/2025 13:16</u>
Lab File ID:	<u>BP026126.D</u>	Init. Calib. Date(s):	<u>10/29/2025 10/29/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:26 14:13</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.821		-0.1	
2,4-Dinitrotoluene	0.347	0.455		31.1	
Diethylphthalate	1.463	1.510		3.2	
4-Chlorophenyl-phenylether	0.713	0.716		0.4	
Fluorene	1.427	1.425		-0.1	
4-Nitroaniline	0.311	0.363		16.7	
4,6-Dinitro-2-methylphenol	0.077	0.118		53.2	
n-Nitrosodiphenylamine	0.625	0.616		-1.4	20.0
2,4,6-Tribromophenol	0.216	0.264		22.2	
4-Bromophenyl-phenylether	0.222	0.228		2.7	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.218		3.3	
Pentachlorophenol	0.154	0.179		16.2	20.0
Phenanthrene	1.164	1.146		-1.5	
Anthracene	1.154	1.163		0.8	
Carbazole	1.092	1.095		0.3	
Di-n-butylphthalate	1.222	1.322		8.2	
Fluoranthene	1.358	1.373		1.1	20.0
Pyrene	1.353	1.357		0.3	
Terphenyl-d14	0.984	1.001		1.7	
Butylbenzylphthalate	0.432	0.579		34.0	
3,3-Dichlorobenzidine	0.443	0.473		6.8	
Benzo (a) anthracene	1.374	1.382		0.6	
Chrysene	1.302	1.288		-1.1	
Bis(2-ethylhexyl)phthalate	0.718	0.863		20.2	
Di-n-octyl phthalate	1.191	1.511		26.9	20.0
Benzo (b) fluoranthene	1.242	1.268		2.1	
Benzo (k) fluoranthene	1.268	1.258		-0.8	
Benzo (a) pyrene	1.141	1.182		3.6	20.0
Indeno (1,2,3-cd) pyrene	1.476	1.539		4.3	
Dibenzo (a,h) anthracene	1.202	1.253		4.2	
Benzo (g,h,i) perylene	1.156	1.203		4.1	
1,2,4,5-Tetrachlorobenzene	0.621	0.643		3.5	
1,4-Dioxane	0.511	0.503		-1.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.400		21.2	

All other compounds must meet a minimum RRF of 0.010.