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LAB CHRONICLE

OrderID:	Q3349	**OrderDate:**	10/15/2025 9:30:00 AM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA PURS Station
Contact:	Roland Scardino	**Location:**	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3349-01	**PURS Station**	**TCLP**			**10/13/25**			**10/14/25**
			TCLP BNA	8270E		10/17/25	10/17/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :		**0.00**			
			Total Concentration:		**0.00**			

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/17/25
Project:	NYPA PURS Station	Date Received:	10/17/25
Client Sample ID:	PB170116TB	SDG No.:	Q3349
Lab Sample ID:	PB170116TB	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	SW3541 Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/17/25 16:09	PB170149
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/17/25 16:09	PB170149
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/17/25 16:09	PB170149
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/17/25 16:09	PB170149
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/17/25 16:09	PB170149
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/17/25 16:09	PB170149
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/17/25 16:09	PB170149
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/17/25 16:09	PB170149
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/17/25 16:09	PB170149
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/17/25 16:09	PB170149
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/17/25 16:09	PB170149
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/17/25 16:09	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	123			23 - 138	82%	SPK: 150		
13127-88-3	Phenol-d6	121			10 - 134	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.9			67 - 132	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.9			52 - 132	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	136			44 - 137	90%	SPK: 150		
1718-51-0	Terphenyl-d14	93.0			42 - 152	93%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	124000							
1146-65-2	Naphthalene-d8	485000							
15067-26-2	Acenaphthene-d10	278000							
1517-22-2	Phenanthrene-d10	479000							
1719-03-5	Chrysene-d12	303000							
1520-96-3	Perylene-d12	259000							

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/13/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	PURS Station	SDG No.:	Q3349
Lab Sample ID:	Q3349-01	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP BNA
Prep Method :	SW3541 Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	130	U	1	130	500	ug/L	10/17/25 18:43	PB170149
106-46-7	1,4-Dichlorobenzene	53.0	U	1	53.0	500	ug/L	10/17/25 18:43	PB170149
95-48-7	2-Methylphenol	110	U	1	110	500	ug/L	10/17/25 18:43	PB170149
65794-96-9	3+4-Methylphenols	110	U	1	110	1000	ug/L	10/17/25 18:43	PB170149
67-72-1	Hexachloroethane	65.0	U	1	65.0	500	ug/L	10/17/25 18:43	PB170149
98-95-3	Nitrobenzene	76.0	U	1	76.0	500	ug/L	10/17/25 18:43	PB170149
87-68-3	Hexachlorobutadiene	54.0	U	1	54.0	500	ug/L	10/17/25 18:43	PB170149
88-06-2	2,4,6-Trichlorophenol	51.0	U	1	51.0	500	ug/L	10/17/25 18:43	PB170149
95-95-4	2,4,5-Trichlorophenol	62.0	U	1	62.0	500	ug/L	10/17/25 18:43	PB170149
121-14-2	2,4-Dinitrotoluene	120	U	1	120	500	ug/L	10/17/25 18:43	PB170149
118-74-1	Hexachlorobenzene	52.0	U	1	52.0	500	ug/L	10/17/25 18:43	PB170149
87-86-5	Pentachlorophenol	160	U	1	160	1000	ug/L	10/17/25 18:43	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	176			23 - 138	117%	SPK: 150		
13127-88-3	Phenol-d6	170			10 - 134	114%	SPK: 150		
4165-60-0	Nitrobenzene-d5	119			67 - 132	119%	SPK: 100		
321-60-8	2-Fluorobiphenyl	133	*		52 - 132	133%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	134			44 - 137	89%	SPK: 150		
1718-51-0	Terphenyl-d14	131			42 - 152	131%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	87700							
1146-65-2	Naphthalene-d8	299000							
15067-26-2	Acenaphthene-d10	127000							
1517-22-2	Phenanthrene-d10	159000							
1719-03-5	Chrysene-d12	119000							
1520-96-3	Perylene-d12	176000							

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

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Surrogate Summary

SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170116TB	PB170116TB	2-Fluorophenol	150	123	82		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	90.9	91		67	132
		2-Fluorobiphenyl	100	79.9	80		52	132
		2,4,6-Tribromophenol	150	136	90		44	137
		Terphenyl-d14	100	93.0	93		42	152
PB170149BL	PB170149BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	126	84		10	134
		Nitrobenzene-d5	100	92.8	93		67	132
		2-Fluorobiphenyl	100	82.5	82		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	96.5	97		42	152
PB170149BS	PB170149BS	2-Fluorophenol	150	117	78		23	138
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	86.0	86		67	132
		2-Fluorobiphenyl	100	77.7	78		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	93.9	94		42	152
Q3349-01	PURS Station	2-Fluorophenol	150	176	117		23	138
		Phenol-d6	150	170	114		10	134
		Nitrobenzene-d5	100	119	119		67	132
		2-Fluorobiphenyl	100	133	133	*	52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	131	131		42	152
Q3352-04MS	TP-3MS	2-Fluorophenol	150	146	97		23	138
		Phenol-d6	150	140	93		10	134
		Nitrobenzene-d5	100	114	114		67	132
		2-Fluorobiphenyl	100	102	102		52	132
		2,4,6-Tribromophenol	150	168	112		44	137
		Terphenyl-d14	100	99.6	100		42	152
Q3352-04MSD	TP-3MSD	2-Fluorophenol	150	151	101		23	138
		Phenol-d6	150	143	95		10	134
		Nitrobenzene-d5	100	116	116		67	132
		2-Fluorobiphenyl	100	106	106		52	132
		2,4,6-Tribromophenol	150	169	113		44	137
		Terphenyl-d14	100	109	109		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BF143989.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3352-04MS		**Client Sample ID: TP-3MS**									
Pyridine	500	0	450	ug/L	90				10	109	
1,4-Dichlorobenzene	500	0	550	ug/L	110				55	125	
2-Methylphenol	500	0	570	ug/L	114				60	131	
3+4-Methylphenols	500	0	540	ug/L	108				54	136	
Hexachloroethane	500	0	540	ug/L	108				19	146	
Nitrobenzene	500	0	570	ug/L	114	*			62	112	
Hexachlorobutadiene	500	0	530	ug/L	106				52	125	
2,4,6-Trichlorophenol	500	0	550	ug/L	110				78	112	
2,4,5-Trichlorophenol	500	0	560	ug/L	112	*			71	111	
2,4-Dinitrotoluene	500	0	660	ug/L	132				74	137	
Hexachlorobenzene	500	0	560	ug/L	112				72	115	
Pentachlorophenol	1000	0	1000	ug/L	100				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BF143990.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3352-04MSD		**Client Sample ID: TP-3MSD**									
Pyridine	500	0	470	ug/L	94		4		10	109	20
1,4-Dichlorobenzene	500	0	560	ug/L	112		2		55	125	20
2-Methylphenol	500	0	570	ug/L	114		0		60	131	20
3+4-Methylphenols	500	0	550	ug/L	110		2		54	136	20
Hexachloroethane	500	0	530	ug/L	106		2		19	146	20
Nitrobenzene	500	0	590	ug/L	118	*	3		62	112	20
Hexachlorobutadiene	500	0	540	ug/L	108		2		52	125	20
2,4,6-Trichlorophenol	500	0	570	ug/L	114	*	4		78	112	20
2,4,5-Trichlorophenol	500	0	580	ug/L	116	*	4		71	111	20
2,4-Dinitrotoluene	500	0	670	ug/L	134		2		74	137	20
Hexachlorobenzene	500	0	580	ug/L	116	*	4		72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110		10		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BF143986.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170149BS	Pyridine	50	40.4	ug/L	81				29	97	
	1,4-Dichlorobenzene	50	45.7	ug/L	91				76	103	
	2-Methylphenol	50	45.9	ug/L	92				69	109	
	3+4-Methylphenols	50	43.4	ug/L	87				67	106	
	Hexachloroethane	50	45.2	ug/L	90				76	118	
	Nitrobenzene	50	46.6	ug/L	93				58	106	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	2,4,6-Trichlorophenol	50	43.9	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89				70	106	
	2,4-Dinitrotoluene	50	51.5	ug/L	103				60	115	
	Hexachlorobenzene	50	47.9	ug/L	96				73	106	
	Pentachlorophenol	100	85.6	ug/L	86				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170149BL

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: BF143985.D Lab Sample ID: PB170149BL

Instrument ID: BNA_F Date Extracted: 10/17/2025

Matrix: (soil/water) water Date Analyzed: 10/17/2025

Level: (low/med) LOW Time Analyzed: 15:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170149BS	PB170149BS	BF143986.D	10/17/2025
TP-3MS	Q3352-04MS	BF143989.D	10/17/2025
TP-3MSD	Q3352-04MSD	BF143990.D	10/17/2025
PURS Station	Q3349-01	BF143992.D	10/17/2025
PB170116TB	PB170116TB	BF143987.D	10/17/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: BF143874.D DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

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	24
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	4.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (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
SSTDICC2.5	SSTDICC2.5	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3349

Lab File ID: BF143983.D | DFTPP Injection Date: 10/17/2025

Instrument ID: BNA_F | DFTPP Injection Time: 14:14

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	18.4
70	Less than 2.0% of mass 69	0.1 (0.6) 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	3.8
365	Greater than 1% of mass 198	2.8
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
SSTDCCC040	SSTDCCC040	BF143984.D	10/17/2025	14:43
PB170149BL	PB170149BL	BF143985.D	10/17/2025	15:11
PB170149BS	PB170149BS	BF143986.D	10/17/2025	15:40
PB170116TB	PB170116TB	BF143987.D	10/17/2025	16:09
TP-3MS	Q3352-04MS	BF143989.D	10/17/2025	17:16
TP-3MSD	Q3352-04MSD	BF143990.D	10/17/2025	17:45
PURS Station	Q3349-01	BF143992.D	10/17/2025	18:43

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3349

Client ID : SSTDCCC040 Date Analyzed: 10/17/2025

Lab File ID: BF143984.D Time Analyzed: 14:43

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	156623	6.887	566623	8.17	278942	9.92
	UPPER LIMIT	313246	7.387	1133250	8.669	557884	10.422
	LOWER LIMIT	78311.5	6.387	283312	7.669	139471	9.422
	EPA SAMPLE NO.						
01	PB170149BL	124841	6.88	484003	8.16	266250	9.92
02	PB170149BS	119613	6.88	469641	8.16	253761	9.92
03	PB170116TB	124101	6.88	484858	8.16	277642	9.92
04	TP-3MS	84940	6.88	333517	8.16	183894	9.92
05	TP-3MSD	83393	6.88	325316	8.16	173895	9.92
06	PURS Station	87692	6.88	299344	8.16	127355 *	9.92

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3349

Client ID: SSTDCCC040 Date Analyzed: 10/17/2025

Lab File ID: BF143984.D Time Analyzed: 14:43

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	461614	11.416	286617	14.069	311878	15.551
	UPPER LIMIT	923228	11.916	573234	14.569	623756	16.051
	LOWER LIMIT	230807	10.916	143309	13.569	155939	15.051
	EPA SAMPLE NO.						
01	PB170149BL	466858	11.42	270321	14.06	237285	15.55
02	PB170149BS	406747	11.42	226465	14.06	234681	15.55
03	PB170116TB	478688	11.41	302571	14.06	258607	15.55
04	TP-3MS	312055	11.42	209178	14.06	234382	15.55
05	TP-3MSD	283241	11.42	164621	14.06	207601	15.55
06	PURS Station	159085 *	11.42	119082 *	14.09	176056	15.60

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	PB170149BL	SDG No.:	Q3349
Lab Sample ID:	PB170149BL	Matrix:	TCLP
Analytical Method:	8270E	Level : LOW	% Solid: 0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test: TCLP BNA
Prep Method :		Prep Date: 10/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	1.30	U	1	1.30	5.00	ug/L	10/17/25 15:11	PB170149
106-46-7	1,4-Dichlorobenzene	0.53	U	1	0.53	5.00	ug/L	10/17/25 15:11	PB170149
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	10/17/25 15:11	PB170149
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	10/17/25 15:11	PB170149
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/17/25 15:11	PB170149
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/17/25 15:11	PB170149
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/17/25 15:11	PB170149
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/17/25 15:11	PB170149
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	10/17/25 15:11	PB170149
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/17/25 15:11	PB170149
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/17/25 15:11	PB170149
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/17/25 15:11	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	125			23 - 138	83%	SPK: 150		
13127-88-3	Phenol-d6	126			10 - 134	84%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.8			67 - 132	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.5			52 - 132	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	141			44 - 137	94%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			42 - 152	97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	125000							
1146-65-2	Naphthalene-d8	484000							
15067-26-2	Acenaphthene-d10	266000							
1517-22-2	Phenanthrene-d10	467000							
1719-03-5	Chrysene-d12	270000							
1520-96-3	Perylene-d12	237000							

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	PB170149BS	SDG No.:	Q3349
Lab Sample ID:	PB170149BS	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	40.4		1	1.30	5.00	ug/L	10/17/25 15:40	PB170149
106-46-7	1,4-Dichlorobenzene	45.7		1	0.53	5.00	ug/L	10/17/25 15:40	PB170149
95-48-7	2-Methylphenol	45.9		1	1.10	5.00	ug/L	10/17/25 15:40	PB170149
65794-96-9	3+4-Methylphenols	43.4		1	1.10	10.0	ug/L	10/17/25 15:40	PB170149
67-72-1	Hexachloroethane	45.2		1	0.65	5.00	ug/L	10/17/25 15:40	PB170149
98-95-3	Nitrobenzene	46.6		1	0.76	5.00	ug/L	10/17/25 15:40	PB170149
87-68-3	Hexachlorobutadiene	44.8		1	0.54	5.00	ug/L	10/17/25 15:40	PB170149
88-06-2	2,4,6-Trichlorophenol	43.9		1	0.51	5.00	ug/L	10/17/25 15:40	PB170149
95-95-4	2,4,5-Trichlorophenol	44.7		1	0.62	5.00	ug/L	10/17/25 15:40	PB170149
121-14-2	2,4-Dinitrotoluene	51.5		1	1.20	5.00	ug/L	10/17/25 15:40	PB170149
118-74-1	Hexachlorobenzene	47.9		1	0.52	5.00	ug/L	10/17/25 15:40	PB170149
87-86-5	Pentachlorophenol	85.6	E	1	1.60	10.0	ug/L	10/17/25 15:40	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	117			23 - 138	78%	SPK: 150		
13127-88-3	Phenol-d6	117			10 - 134	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.0			67 - 132	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.7			52 - 132	78%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	128			44 - 137	85%	SPK: 150		
1718-51-0	Terphenyl-d14	93.9			42 - 152	94%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	120000							
1146-65-2	Naphthalene-d8	470000							
15067-26-2	Acenaphthene-d10	254000							
1517-22-2	Phenanthrene-d10	407000							
1719-03-5	Chrysene-d12	226000							
1520-96-3	Perylene-d12	235000							

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/15/25
Project:	NYPA PURS Station	Date Received:	10/15/25
Client Sample ID:	TP-3MS	SDG No.:	Q3349
Lab Sample ID:	Q3352-04MS	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	450		1	12.8	50.0	ug/L	10/17/25 17:16	PB170149
106-46-7	1,4-Dichlorobenzene	550		1	5.30	50.0	ug/L	10/17/25 17:16	PB170149
95-48-7	2-Methylphenol	570		1	11.2	50.0	ug/L	10/17/25 17:16	PB170149
65794-96-9	3+4-Methylphenols	540		1	11.0	100	ug/L	10/17/25 17:16	PB170149
67-72-1	Hexachloroethane	540		1	6.50	50.0	ug/L	10/17/25 17:16	PB170149
98-95-3	Nitrobenzene	570		1	7.60	50.0	ug/L	10/17/25 17:16	PB170149
87-68-3	Hexachlorobutadiene	530		1	5.40	50.0	ug/L	10/17/25 17:16	PB170149
88-06-2	2,4,6-Trichlorophenol	550		1	5.10	50.0	ug/L	10/17/25 17:16	PB170149
95-95-4	2,4,5-Trichlorophenol	560		1	6.20	50.0	ug/L	10/17/25 17:16	PB170149
121-14-2	2,4-Dinitrotoluene	660		1	12.2	50.0	ug/L	10/17/25 17:16	PB170149
118-74-1	Hexachlorobenzene	560		1	5.20	50.0	ug/L	10/17/25 17:16	PB170149
87-86-5	Pentachlorophenol	1000	E	1	15.8	100	ug/L	10/17/25 17:16	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	146			23 - 138	97%	SPK: 150		
13127-88-3	Phenol-d6	140			10 - 134	93%	SPK: 150		
4165-60-0	Nitrobenzene-d5	114			67 - 132	114%	SPK: 100		
321-60-8	2-Fluorobiphenyl	102			52 - 132	102%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	168			44 - 137	112%	SPK: 150		
1718-51-0	Terphenyl-d14	99.6			42 - 152	100%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	84900							
1146-65-2	Naphthalene-d8	334000							
15067-26-2	Acenaphthene-d10	184000							
1517-22-2	Phenanthrene-d10	312000							
1719-03-5	Chrysene-d12	209000							
1520-96-3	Perylene-d12	234000							

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A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/15/25
Project:	NYPA PURS Station	Date Received:	10/15/25
Client Sample ID:	TP-3MSD	SDG No.:	Q3349
Lab Sample ID:	Q3352-04MSD	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	470		1	12.8	50.0	ug/L	10/17/25 17:45	PB170149
106-46-7	1,4-Dichlorobenzene	560		1	5.30	50.0	ug/L	10/17/25 17:45	PB170149
95-48-7	2-Methylphenol	570		1	11.2	50.0	ug/L	10/17/25 17:45	PB170149
65794-96-9	3+4-Methylphenols	550		1	11.0	100	ug/L	10/17/25 17:45	PB170149
67-72-1	Hexachloroethane	530		1	6.50	50.0	ug/L	10/17/25 17:45	PB170149
98-95-3	Nitrobenzene	590		1	7.60	50.0	ug/L	10/17/25 17:45	PB170149
87-68-3	Hexachlorobutadiene	540		1	5.40	50.0	ug/L	10/17/25 17:45	PB170149
88-06-2	2,4,6-Trichlorophenol	570		1	5.10	50.0	ug/L	10/17/25 17:45	PB170149
95-95-4	2,4,5-Trichlorophenol	580		1	6.20	50.0	ug/L	10/17/25 17:45	PB170149
121-14-2	2,4-Dinitrotoluene	670		1	12.2	50.0	ug/L	10/17/25 17:45	PB170149
118-74-1	Hexachlorobenzene	580		1	5.20	50.0	ug/L	10/17/25 17:45	PB170149
87-86-5	Pentachlorophenol	1100	E	1	15.8	100	ug/L	10/17/25 17:45	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	151			23 - 138	101%	SPK: 150		
13127-88-3	Phenol-d6	143			10 - 134	95%	SPK: 150		
4165-60-0	Nitrobenzene-d5	116			67 - 132	116%	SPK: 100		
321-60-8	2-Fluorobiphenyl	106			52 - 132	106%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169			44 - 137	113%	SPK: 150		
1718-51-0	Terphenyl-d14	109			42 - 152	109%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	83400							
1146-65-2	Naphthalene-d8	325000							
15067-26-2	Acenaphthene-d10	174000							
1517-22-2	Phenanthrene-d10	283000							
1719-03-5	Chrysene-d12	165000							
1520-96-3	Perylene-d12	208000							

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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF1438
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)		Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)		n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5)	S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)		Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7)	S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)		2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)		Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10)	C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)		bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)		1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13)	C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)		1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)		Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)		2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)		2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)		Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19)	P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)		3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23)	S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)		Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)		Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26)	C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)		2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)		bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29)	C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)		1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)		Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)		Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)		4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34)	C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)		Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36)	C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)		2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)		1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38
41)	P	Hexachlorocycl...		0.182	0.216	0.257	0.246	0.240	0.235	0.229	11.77
42)	S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51
43)	C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07
44)		2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34
45)	S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04
46)		1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77
47)		2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50
48)		2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43
49)		Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11
50)		Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29
51)		2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13
52)	C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21
53)		3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59
54)	P	2,4-Dinitrophenol		0.061	0.094	0.120	0.143	0.144	0.146	0.118	29.25
55)		Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13
56)	P	4-Nitrophenol		0.173	0.215	0.234	0.230	0.228	0.230	0.218	10.55
57)		2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30
58)		Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21
59)		2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49
60)		Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62
61)		4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43
62)		4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25
63)		Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.065	0.092	0.111	0.112	0.114	0.110	0.101	19.26
66)	c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22
67)		4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74
68)		Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59
69)		Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44
70)	C	Pentachlorophenol		0.117	0.152	0.157	0.154	0.154	0.147	0.147	10.10
71)		Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94
72)		Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43
73)		Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10
74)		Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76
75)	C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.701	0.719	0.761	0.651	0.640		0.694	7.16
78)		Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87
79)	S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70
80)		Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31
81)		Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49
82)		3,3'-Dichlorob...		0.364	0.403	0.440	0.401	0.404	0.381	0.399	6.41
83)		Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41
84)		Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70
85)	c	Di-n-octyl pht...		0.837	1.009	1.194	1.108	1.151	1.133	1.072	12.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97
88)		Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63
89)		Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11
90)	C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17
91)		Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89
92)		Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3349

Instrument ID: BNA_F Calibration Date/Time: 10/17/2025 14:43

Lab File ID: BF143984.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.697	1.752		3.2	
2-Fluorophenol	1.259	1.280		1.7	
Phenol-d6	1.501	1.459		-2.8	
1,4-Dichlorobenzene	1.454	1.419		-2.4	20.0
2-Methylphenol	1.017	0.961		-5.5	
3+4-Methylphenols	1.179	1.047		-11.2	
Nitrobenzene-d5	0.329	0.339		3.0	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.379		3.6	
Hexachlorobutadiene	0.201	0.204		1.5	20.0
2,4,6-Trichlorophenol	0.404	0.399		-1.2	20.0
2-Fluorobiphenyl	1.260	1.153		-8.5	
2,4,5-Trichlorophenol	0.427	0.438		2.6	
2,4-Dinitrotoluene	0.320	0.353		10.3	
2,4,6-Tribromophenol	0.199	0.203		2.0	
Hexachlorobenzene	0.256	0.259		1.2	
Pentachlorophenol	0.147	0.138		-6.1	20.0
Terphenyl-d14	1.170	1.142		-2.4	

All other compounds must meet a minimum RRF of 0.010.