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LAB CHRONICLE

OrderID:	Q3086	**OrderDate:**	9/12/2025 10:59:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3086-01	**RW8-SP100-20250911**	**Water**			**09/11/25**			**09/12/25**
			SVOC-SIMGroup1	8270-Modified		09/15/25	09/17/25	
Q3086-02	**RW8-SP303-20250911**	**Water**			**09/11/25**			**09/12/25**
			SVOC-SIMGroup1	8270-Modified		09/15/25	09/17/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3086

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	**RW8-SP100-20250911**								
Q3086-01	RW8-SP100-20250911	WATER	1,4-Dioxane	0.070	J	0.07	0.2	0.2	ug/L
			Total Svoc :			**0.07**			
			Total Concentration:			**0.07**			

SAMPLE DATA

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	09/11/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/12/25
Client Sample ID:	RW8-SP100-20250911	SDG No.:	Q3086
Lab Sample ID:	Q3086-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037745.D	1	09/15/25 10:15	09/17/25 14:35	PB169692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.070	J	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.36		30 - 150		89%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 - 150		97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		55 - 111		97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		53 - 106		101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.55	*	58 - 132		138%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6570	7.84				
1146-65-2	Naphthalene-d8	18000	10.637				
15067-26-2	Acenaphthene-d10	8330	14.495				
1517-22-2	Phenanthrene-d10	15400	17.235				
1719-03-5	Chrysene-d12	14200	21.411				
1520-96-3	Perylene-d12	14200	23.75				

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:	Tetra Tech NUS, Inc.	Date Collected:	09/11/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/12/25
Client Sample ID:	RW8-SP303-20250911	SDG No.:	Q3086
Lab Sample ID:	Q3086-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037746.D	1	09/15/25 10:15	09/17/25 15:11	PB169692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.36		30 - 150		91%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 - 150		86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		55 - 111		97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		53 - 106		103%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.52		58 - 132		130%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6530	7.84				
1146-65-2	Naphthalene-d8	17800	10.637				
15067-26-2	Acenaphthene-d10	8070	14.495				
1517-22-2	Phenanthrene-d10	13900	17.235				
1719-03-5	Chrysene-d12	10600	21.411				
1520-96-3	Perylene-d12	10300	23.75				

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.: Q3086

Client: Tetra Tech NUS, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169692BL	PB169692BL	2-Methylnaphthalene-d10	0.4	0.31	79		30	150
		Fluoranthene-d10	0.4	0.30	75		30	150
		Nitrobenzene-d5	0.4	0.39	97		55	111
		2-Fluorobiphenyl	0.4	0.37	92		53	106
		Terphenyl-d14	0.4	0.34	84		58	132
PB169692BS	PB169692BS	2-Methylnaphthalene-d10	0.4	0.30	76		30	150
		Fluoranthene-d10	0.4	0.30	75		30	150
		Nitrobenzene-d5	0.4	0.35	88		55	111
		2-Fluorobiphenyl	0.4	0.36	90		53	106
		Terphenyl-d14	0.4	0.31	78		58	132
Q3086-01	RW8-SP100-20250911	2-Methylnaphthalene-d10	0.4	0.36	89		30	150
		Fluoranthene-d10	0.4	0.39	97		30	150
		Nitrobenzene-d5	0.4	0.39	97		55	111
		2-Fluorobiphenyl	0.4	0.40	101		53	106
		Terphenyl-d14	0.4	0.55	138	*	58	132
Q3086-02	RW8-SP303-20250911	2-Methylnaphthalene-d10	0.4	0.36	91		30	150
		Fluoranthene-d10	0.4	0.35	86		30	150
		Nitrobenzene-d5	0.4	0.39	97		55	111
		2-Fluorobiphenyl	0.4	0.41	103		53	106
		Terphenyl-d14	0.4	0.52	130		58	132
Q3095-06MS	MW203D2-20250909MS	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
		Fluoranthene-d10	0.4	0.33	83		30	150
		Nitrobenzene-d5	0.4	0.30	75		55	111
		2-Fluorobiphenyl	0.4	0.32	79		53	106
		Terphenyl-d14	0.4	0.40	99		58	132
Q3095-07MSD	MW203D2-20250909MSD	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
		Fluoranthene-d10	0.4	0.33	83		30	150
		Nitrobenzene-d5	0.4	0.30	75		55	111
		2-Fluorobiphenyl	0.4	0.32	79		53	106
		Terphenyl-d14	0.4	0.40	99		58	132

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3086 **Analytical Method:** SW8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN037743.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3095-06MS		**Client Sample ID:** MW203D2-20250909MS									
1,4-Dioxane	0.4	0.85	0.97	ug/L	30	*			70	130	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3086 **Analytical Method:** SW8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN037744.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3095-07MSD		**Client Sample ID:** MW203D2-20250909MSD									
1,4-Dioxane	0.4	0.85	0.96	ug/L	27	*	11		70	130	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3086 **Analytical Method:** 8270-Modified

Client: Tetra Tech NUS, Inc. **DataFile:** BN037791.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169692BS	1,4-Dioxane	0.4	0.30	ug/L	75				70	130	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169692BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3086

Lab File ID: BN037796.D | Lab Sample ID: PB169692BL

Instrument ID: BNA_N | Date Extracted: 09/15/2025

Matrix: (soil/water) Water | Date Analyzed: 09/19/2025

Level: (low/med) LOW | Time Analyzed: 03:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RW8-SP100-20250911	Q3086-01	BN037745.D	09/17/2025
RW8-SP303-20250911	Q3086-02	BN037746.D	09/17/2025
MW203D2-20250909MS	Q3095-06MS	BN037743.D	09/17/2025
MW203D2-20250909MSD	Q3095-07MSD	BN037744.D	09/17/2025
PB169692BS	PB169692BS	BN037791.D	09/18/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3086

Lab File ID: BN037689.D | DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_N | DFTPP Injection Time: 07:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 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	6.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	79.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.5 (20.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037691.D	09/11/2025	09:56
SSTDICC0.2	SSTDICC0.2	BN037692.D	09/11/2025	10:32
SSTDICCC0.4	SSTDICCC0.4	BN037693.D	09/11/2025	11:08
SSTDICC0.8	SSTDICC0.8	BN037694.D	09/11/2025	11:44
SSTDICC1.6	SSTDICC1.6	BN037695.D	09/11/2025	12:20
SSTDICC3.2	SSTDICC3.2	BN037696.D	09/11/2025	12:56
SSTDICC5.0	SSTDICC5.0	BN037697.D	09/11/2025	13:33

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3086

Lab File ID: BN037739.D DFTPP Injection Date: 09/17/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.4) 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	6.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	82.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.7 (21.3) 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
SSTDCCC0.4	SSTDCCC0.4	BN037740.D	09/17/2025	11:25
MW203D2-20250909MS	Q3095-06MS	BN037743.D	09/17/2025	13:14
MW203D2-20250909MSD	Q3095-07MSD	BN037744.D	09/17/2025	13:59
RW8-SP100-20250911	Q3086-01	BN037745.D	09/17/2025	14:35
RW8-SP303-20250911	Q3086-02	BN037746.D	09/17/2025	15:11
SSTDCCC0.4EC	SSTDCCC0.4	BN037757.D	09/17/2025	21:50

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3086

Lab File ID: BN037775.D DFTPP Injection Date: 09/18/2025

Instrument ID: BNA_N DFTPP Injection Time: 13:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (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	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	85.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.2 (18.9) 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
SSTDCCC0.4	SSTDCCC0.4	BN037776.D	09/18/2025	14:32
PB169692BS	PB169692BS	BN037791.D	09/18/2025	23:40
SSTDCCC0.4EC	SSTDCCC0.4	BN037793.D	09/19/2025	00:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3086

Lab File ID: BN037794.D | DFTPP Injection Date: 09/19/2025

Instrument ID: BNA_N | DFTPP Injection Time: 02:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 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	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	86.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.9 (18.3) 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
SSTDCCC0.4	SSTDCCC0.4	BN037795.D	09/19/2025	02:47
PB169692BL	PB169692BL	BN037796.D	09/19/2025	03:24
SSTDCCC0.4EC	SSTDCCC0.4	BN037811.D	09/19/2025	13:03

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3086

Client ID : SSTDCCC0.4 Date Analyzed: 09/17/2025

Lab File ID: BN037740.D Time Analyzed: 11:25

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	6660	7.84	18396	10.65	8930	14.50
	UPPER LIMIT	13320	8.34	36792	11.148	17860	14.995
	LOWER LIMIT	3330	7.34	9198	10.148	4465	13.995
	EPA SAMPLE NO.						
01	RW8-SP100-20250911	6573	7.84	18040	10.64	8326	14.50
02	RW8-SP303-20250911	6528	7.84	17791	10.64	8068	14.50
03	MW203D2-20250909MS	6853	7.84	18950	10.64	8815	14.49
04	MW203D2-20250909MSD	7569	7.85	20880	10.65	9823	14.49

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.: Q3086

Client ID: SSTDCCC0.4 Date Analyzed: 09/17/2025

Lab File ID: BN037740.D Time Analyzed: 11:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	15814	17.235	13841	21.42	14132	23.753
	UPPER LIMIT	31628	17.735	27682	21.92	28264	24.253
	LOWER LIMIT	7907	16.735	6920.5	20.92	7066	23.253
	EPA SAMPLE NO.						
01	RW8-SP100-20250911	15420	17.24	14189	21.41	14177	23.75
02	RW8-SP303-20250911	13903	17.24	10625	21.41	10300	23.75
03	MW203D2-20250909MS	15289	17.24	13059	21.42	12757	23.75
04	MW203D2-20250909MSD	16954	17.24	14253	21.42	13967	23.76

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3086

Client ID : SSTDCCC0.4 Date Analyzed: 09/18/2025

Lab File ID: BN037776.D Time Analyzed: 14:32

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7127	7.833	18984	10.64	8698	14.48
	UPPER LIMIT	14254	8.333	37968	11.137	17396	14.984
	LOWER LIMIT	3563.5	7.333	9492	10.137	4349	13.984
	EPA SAMPLE NO.						
01	PB169692BS	6983	7.83	18103	10.64	7729	14.48

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.: Q3086

Client ID: SSTDCCC0.4 Date Analyzed: 09/18/2025

Lab File ID: BN037776.D Time Analyzed: 14:32

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14526	17.235	10438	21.411	10600	23.744
	UPPER LIMIT	29052	17.735	20876	21.911	21200	24.244
	LOWER LIMIT	7263	16.735	5219	20.911	5300	23.244
	EPA SAMPLE NO.						
01	PB169692BS	12277	17.24	10644	21.41	10808	23.74

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3086

Client ID : SSTDCCC0.4 Date Analyzed: 09/19/2025

Lab File ID: BN037795.D Time Analyzed: 02:47

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	7724	7.833	19361	10.64	8621	14.48
	UPPER LIMIT	15448	8.333	38722	11.137	17242	14.984
	LOWER LIMIT	3862	7.333	9680.5	10.137	4310.5	13.984
	EPA SAMPLE NO.						
01	PB169692BL	7701	7.83	18665	10.64	7806	14.48

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.: Q3086

Client ID: SSTDCCC0.4 Date Analyzed: 09/19/2025

Lab File ID: BN037795.D Time Analyzed: 02:47

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14380	17.235	11169	21.411	11840	23.742
	UPPER LIMIT	28760	17.735	22338	21.911	23680	24.242
	LOWER LIMIT	7190	16.735	5584.5	20.911	5920	23.242
	EPA SAMPLE NO.						
01	PB169692BL	12511	17.24	10022	21.41	10278	23.74

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

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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB169692BL	SDG No.:	Q3086
Lab Sample ID:	PB169692BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037796.D	1	09/15/25 10:15	09/19/25 03:24	PB169692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.20	U	0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.31		30 - 150		79%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 - 150		75%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		55 - 111		97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		53 - 106		92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.34		58 - 132		84%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7700	7.833				
1146-65-2	Naphthalene-d8	18700	10.637				
15067-26-2	Acenaphthene-d10	7810	14.484				
1517-22-2	Phenanthrene-d10	12500	17.236				
1719-03-5	Chrysene-d12	10000	21.411				
1520-96-3	Perylene-d12	10300	23.739				

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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB169692BS	SDG No.:	Q3086
Lab Sample ID:	PB169692BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037791.D	1	09/15/25 10:15	09/18/25 23:40	PB169692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.30		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.30		30 - 150		76%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 - 150		75%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		55 - 111		88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		53 - 106		90%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.31		58 - 132		78%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6980	7.833				
1146-65-2	Naphthalene-d8	18100	10.637				
15067-26-2	Acenaphthene-d10	7730	14.484				
1517-22-2	Phenanthrene-d10	12300	17.235				
1719-03-5	Chrysene-d12	10600	21.411				
1520-96-3	Perylene-d12	10800	23.739				

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:	Tetra Tech NUS, Inc.	Date Collected:	09/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/12/25
Client Sample ID:	MW203D2-20250909MS	SDG No.:	Q3086
Lab Sample ID:	Q3095-06MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037743.D	1	09/15/25 10:15	09/17/25 13:14	PB169692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.29		30 - 150		72%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 - 150		83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		55 - 111		75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		53 - 106		79%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.40		58 - 132		99%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6850	7.84				
1146-65-2	Naphthalene-d8	19000	10.637				
15067-26-2	Acenaphthene-d10	8820	14.494				
1517-22-2	Phenanthrene-d10	15300	17.235				
1719-03-5	Chrysene-d12	13100	21.42				
1520-96-3	Perylene-d12	12800	23.75				

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:	Tetra Tech NUS, Inc.	Date Collected:	09/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	09/12/25
Client Sample ID:	MW203D2-20250909MSD	SDG No.:	Q3086
Lab Sample ID:	Q3095-07MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037744.D	1	09/15/25 10:15	09/17/25 13:59	PB169692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.96		0.070	0.20	0.20	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.30		30 - 150		74%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 - 150		83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		55 - 111		75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		53 - 106		79%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.40		58 - 132		99%	SPK: 0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7570	7.847				
1146-65-2	Naphthalene-d8	20900	10.648				
15067-26-2	Acenaphthene-d10	9820	14.494				
1517-22-2	Phenanthrene-d10	17000	17.235				
1719-03-5	Chrysene-d12	14300	21.42				
1520-96-3	Perylene-d12	14000	23.756				

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

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN091125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 14:20:01 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037691.D 0.2 =BN037692.D 0.4 =BN037693.D 0.8 =BN037694.D 1.6 =BN037695.D 3.2 =BN037696.D 5 =BN037697.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.429	0.422	0.411	0.432	0.418	0.388	0.417		3.80
3)		n-Nitrosodimet...	0.530	0.564	0.515	0.556	0.550	0.551	0.544		3.34
4)	S	2-Fluorophenol	0.929	0.913	0.892	0.840	0.912	0.937	1.004	0.918	5.37
5)	S	Phenol-d6	1.191	1.193	1.156	1.088	1.193	1.225	1.289	1.191	5.15
6)		bis(2-Chloroet...	1.076	1.075	1.070	1.019	1.078	1.066	1.063	1.064	1.94
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.287	0.279	0.285	0.272	0.296	0.303	0.325	0.293	6.05
9)		Naphthalene	1.091	1.072	1.074	1.036	1.117	1.115	1.149	1.093	3.38
10)		Hexachlorobuta...	0.199	0.196	0.197	0.189	0.203	0.199	0.202	0.198	2.29
11)	SURR	2-Methylnaphth...	0.497	0.497	0.498	0.478	0.522	0.550	0.668	0.530	12.31
12)		2-Methylnaphth...	0.643	0.651	0.659	0.633	0.697	0.712	0.740	0.676	5.91
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.088	0.098	0.101	0.096	0.113	0.131		0.104	14.74
15)	S	2-Fluorobiphenyl	1.663	1.666	1.649	1.586	1.689	1.674	1.785	1.673	3.54
16)		Acenaphthylene	1.754	1.756	1.783	1.727	1.885	1.916	2.020	1.834	5.90
17)		Acenaphthene	1.165	1.199	1.215	1.187	1.272	1.296	1.348	1.240	5.37
18)		Fluorene	1.404	1.402	1.441	1.419	1.545	1.633	1.671	1.502	7.59
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.032	0.033	0.033	0.040	0.046		0.037		16.34
21)		4-Bromophenyl-...	0.250	0.252	0.251	0.248	0.272	0.269	0.284	0.261	5.43
22)		Hexachlorobenzene	0.301	0.308	0.294	0.280	0.305	0.302	0.310	0.300	3.39
23)		Atrazine	0.145	0.151	0.152	0.146	0.169	0.190	0.209	0.166	15.00
24)		Pentachlorophenol	0.074	0.074	0.073	0.086	0.100	0.115	0.087		19.46
25)		Phenanthrene	1.228	1.215	1.223	1.173	1.285	1.321	1.371	1.259	5.47
26)		Anthracene	1.038	1.029	1.070	1.030	1.140	1.221	1.281	1.116	9.09
27)	SURR	Fluoranthene-d10	0.912	0.887	0.935	0.883	0.954	1.108	1.350	1.004	16.98
28)		Fluoranthene	1.257	1.224	1.310	1.269	1.393	1.578	1.637	1.381	11.91
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.578	1.618	1.557	1.473	1.603	1.542	1.590	1.566	3.09
31)	S	Terphenyl-d14	0.806	0.833	0.801	0.754	0.812	0.784	0.892	0.812	5.30
32)		Benzo(a)anthra...	1.386	1.345	1.347	1.297	1.410	1.459	1.522	1.395	5.46
33)		Chrysene	1.523	1.491	1.496	1.402	1.510	1.506	1.543	1.496	3.01
34)		Bis(2-ethylhex...	0.440	0.376	0.345	0.380	0.438	0.504	0.414		13.96
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN091125.M

36)		Indeno(1,2,3-c...	1.517	1.491	1.543	1.532	1.791	1.865	2.025	1.681	12.58
37)		Benzo(b)fluora...	1.463	1.475	1.554	1.444	1.636	1.674	1.778	1.575	7.99
38)		Benzo(k)fluora...	1.516	1.543	1.524	1.501	1.705	1.696	1.756	1.606	6.73
39)	C	Benzo(a)pyrene	1.155	1.172	1.201	1.151	1.314	1.367	1.467	1.261	9.78
40)		Dibenzo(a,h)an...	1.157	1.175	1.210	1.232	1.463	1.519	1.636	1.342	14.39
41)		Benzo(g,h,i)pe...	1.413	1.402	1.451	1.375	1.568	1.607	1.723	1.506	8.59

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3086

Instrument ID: BNA_N Calibration Date/Time: 09/17/2025 11:25

Lab File ID: BN037740.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.517		-2.5	20.0
Fluoranthene-d10	1.004	0.936		-6.8	20.0
2-Fluorophenol	0.918	0.926		0.9	20.0
Phenol-d6	1.191	1.176		-1.3	20.0
Nitrobenzene-d5	0.293	0.284		-3.1	20.0
2-Fluorobiphenyl	1.673	1.620		-3.2	20.0
2,4,6-Tribromophenol	0.104	0.123		18.3	20.0
Terphenyl-d14	0.812	0.757		-6.8	20.0
1,4-Dioxane	0.417	0.449		7.7	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3086

Instrument ID: BNA_N Calibration Date/Time: 09/17/2025 21:50

Lab File ID: BN037757.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.503		-5.1	50.0
Fluoranthene-d10	1.004	0.936		-6.8	50.0
2-Fluorophenol	0.918	0.971		5.8	50.0
Phenol-d6	1.191	1.159		-2.7	50.0
Nitrobenzene-d5	0.293	0.283		-3.4	50.0
2-Fluorobiphenyl	1.673	1.646		-1.6	50.0
2,4,6-Tribromophenol	0.104	0.122		17.3	50.0
Terphenyl-d14	0.812	0.761		-6.3	50.0
1,4-Dioxane	0.417	0.432		3.6	50.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3086

Instrument ID: BNA_N Calibration Date/Time: 09/18/2025 14:32

Lab File ID: BN037776.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.497		-6.2	20.0
Fluoranthene-d10	1.004	0.839		-16.4	20.0
2-Fluorophenol	0.918	0.890		-3.0	20.0
Phenol-d6	1.191	1.130		-5.1	20.0
Nitrobenzene-d5	0.293	0.298		1.7	20.0
2-Fluorobiphenyl	1.673	1.679		0.4	20.0
2,4,6-Tribromophenol	0.104	0.114		9.6	20.0
Terphenyl-d14	0.812	0.801		-1.4	20.0
1,4-Dioxane	0.417	0.428		2.6	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3086

Instrument ID: BNA_N Calibration Date/Time: 09/19/2025 00:52

Lab File ID: BN037793.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.496		-6.4	50.0
Fluoranthene-d10	1.004	0.954		-5.0	50.0
2-Fluorophenol	0.918	0.923		0.5	50.0
Phenol-d6	1.191	1.148		-3.6	50.0
Nitrobenzene-d5	0.293	0.295		0.7	50.0
2-Fluorobiphenyl	1.673	1.632		-2.5	50.0
2,4,6-Tribromophenol	0.104	0.127		22.1	50.0
Terphenyl-d14	0.812	0.785		-3.3	50.0
1,4-Dioxane	0.417	0.436		4.6	50.0

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3086

Instrument ID: BNA_N Calibration Date/Time: 09/19/2025 02:47

Lab File ID: BN037795.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.490		-7.5	20.0
Fluoranthene-d10	1.004	0.858		-14.5	20.0
2-Fluorophenol	0.918	0.830		-9.6	20.0
Phenol-d6	1.191	1.152		-3.3	20.0
Nitrobenzene-d5	0.293	0.308		5.1	20.0
2-Fluorobiphenyl	1.673	1.696		1.4	20.0
2,4,6-Tribromophenol	0.104	0.120		15.4	20.0
Terphenyl-d14	0.812	0.771		-5.0	20.0
1,4-Dioxane	0.417	0.391		-6.2	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG No.: Q3086

Instrument ID: BNA_N Calibration Date/Time: 09/19/2025 13:03

Lab File ID: BN037811.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): 09:56 13:33

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.497		-6.2	50.0
Fluoranthene-d10	1.004	0.957		-4.7	50.0
2-Fluorophenol	0.918	1.044		13.7	50.0
Phenol-d6	1.191	1.176		-1.3	50.0
Nitrobenzene-d5	0.293	0.292		-0.3	50.0
2-Fluorobiphenyl	1.673	1.615		-3.5	50.0
2,4,6-Tribromophenol	0.104	0.131		26.0	50.0
Terphenyl-d14	0.812	0.765		-5.8	50.0
1,4-Dioxane	0.417	0.424		1.7	50.0

All other compounds must meet a minimum RRF of 0.010.