

LAB CHRONICLE

OrderID:	Q1122	OrderDate:	1/17/2025 8:43:00 AM
Client:	Tetra Tech NUS, Inc.	Project:	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	Location:	E11,M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1122-01	RW10A-20250116	WATER	PCB	8082A	01/16/25	01/17/25	01/20/25	01/16/25



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

Hit Summary Sheet
SW-846

SDG No.: Q1122

Order ID: Q1122

Client: Tetra Tech NUS, Inc.

Project ID: NWIRP Bethpage 112G08005-WE13

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
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Client ID :

Total Concentration:	0.000
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SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	01/16/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	01/16/25	
Client Sample ID:	RW10A-20250116		SDG No.:	Q1122	
Lab Sample ID:	Q1122-01		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	490	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069222.D	1	01/17/25 11:30	01/20/25 11:10	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.41	U	0.15	0.41	0.51	ug/L
11104-28-2	Aroclor-1221	0.41	U	0.23	0.41	0.51	ug/L
11141-16-5	Aroclor-1232	0.41	U	0.38	0.41	0.51	ug/L
53469-21-9	Aroclor-1242	0.41	U	0.16	0.41	0.51	ug/L
12672-29-6	Aroclor-1248	0.41	U	0.12	0.41	0.51	ug/L
11097-69-1	Aroclor-1254	0.41	U	0.11	0.41	0.51	ug/L
37324-23-5	Aroclor-1262	0.41	U	0.14	0.41	0.51	ug/L
11100-14-4	Aroclor-1268	0.41	U	0.12	0.41	0.51	ug/L
11096-82-5	Aroclor-1260	0.41	U	0.15	0.41	0.51	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.4		35 - 137		102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		40 - 135		103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q1122

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP068914.D	PIBLK-PP068914.D	Tetrachloro-m-xylene	1	20	21.4	107		60	140
		Decachlorobiphenyl	1	20	23.6	118		60	140
		Tetrachloro-m-xylene	2	20	21.8	109		60	140
		Decachlorobiphenyl	2	20	22.9	115		60	140
I.BLK-PP069218.D	PIBLK-PP069218.D	Tetrachloro-m-xylene	1	20	18.2	91		60	140
		Decachlorobiphenyl	1	20	18.5	93		60	140
		Tetrachloro-m-xylene	2	20	17.0	85		60	140
		Decachlorobiphenyl	2	20	18.0	90		60	140
PB166124BL	PB166124BL	Tetrachloro-m-xylene	1	20	21.4	107		35	137
		Decachlorobiphenyl	1	20	21.5	107		40	135
		Tetrachloro-m-xylene	2	20	20.6	103		35	137
		Decachlorobiphenyl	2	20	20.3	101		40	135
PB166124BS	PB166124BS	Tetrachloro-m-xylene	1	20	21.9	110		35	137
		Decachlorobiphenyl	1	20	21.1	106		40	135
		Tetrachloro-m-xylene	2	20	20.8	104		35	137
		Decachlorobiphenyl	2	20	20.3	102		40	135
PB166124BSD	PB166124BSD	Tetrachloro-m-xylene	1	20	21.9	110		35	137
		Decachlorobiphenyl	1	20	21.6	108		40	135
		Tetrachloro-m-xylene	2	20	21.4	107		35	137
		Decachlorobiphenyl	2	20	20.9	105		40	135
Q1122-01	RW10A-20250116	Tetrachloro-m-xylene	1	20	20.4	102		35	137
		Decachlorobiphenyl	1	20	20.6	103		40	135
		Tetrachloro-m-xylene	2	20	19.4	97		35	137
		Decachlorobiphenyl	2	20	18.9	94		40	135
I.BLK-PP069233.D	PIBLK-PP069233.D	Tetrachloro-m-xylene	1	20	19.0	95		60	140
		Decachlorobiphenyl	1	20	18.7	94		60	140
		Tetrachloro-m-xylene	2	20	17.9	89		60	140
		Decachlorobiphenyl	2	20	17.7	88		60	140



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1122

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A Datafile : PP069220.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166124BS	AR1016	5	4.50	ug/L	90				46	129		
	AR1260	5	4.10	ug/L	82				45	134		



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1122

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A Datafile : PP069221.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB166124BSD	AR1016	5	4.60	ug/L	92	2			46	129	20
	AR1260	5	4.10	ug/L	82	0			45	134	20

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166124BL

Lab Name: CHEMTECH

Contract: TETR06

Lab Code: CHEM Case No.: Q1122

SAS No.: Q1122 SDG NO.: Q1122

Lab Sample ID: PB166124BL

Lab File ID: PP069219.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 01/17/2025

Date Analyzed (1): 01/20/2025

Date Analyzed (2): 01/20/2025

Time Analyzed (1): 10:21

Time Analyzed (2): 10:21

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB166124BS	PB166124BS	PP069220.D	01/20/2025	01/20/2025
PB166124BSD	PB166124BSD	PP069221.D	01/20/2025	01/20/2025
RW10A-20250116	Q1122-01	PP069222.D	01/20/2025	01/20/2025

COMMENTS: _____



CALIBRATION SUMMARY

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GC Column: ZB-MR1 ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.53	10.52	10.53	10.53	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene	4.67	4.67	4.68	4.67	4.67	4.67	4.57	4.77

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GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.11	9.11	9.11	9.11	9.11	9.11	9.01	9.21
Tetrachloro-m-xylene	3.98	3.99	3.98	3.99	3.99	3.99	3.89	4.09

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Instrument ID: ECD_P

Calibration Date(s): 01/06/2025 01/07/2025

Calibration Times: 19:57 03:16

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP068915.D</u>		CF 750 = <u>PP068916.D</u>			
CF 500 = <u>PP068917.D</u>		CF 250 = <u>PP068918.D</u>		CF 050 = <u>PP068919.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	40885041	42512889	44289716	47071260	49420440	44835869
Aroclor-1016-2	(2)	62798143	66870065	71355832	74463520	60581160	67213744
Aroclor-1016-3	(3)	38906215	41190977	43337062	44705104	42803280	42188528
Aroclor-1016-4	(4)	32017271	33989945	35396090	37112512	36407480	34984660
Aroclor-1016-5	(5)	31333269	33431283	34724498	36878872	36588000	34591184
Aroclor-1260-1	(1)	55297007	58192836	62922684	69154760	68099580	62733373
Aroclor-1260-2	(2)	67660862	71484929	76227518	82167320	81110380	75730202
Aroclor-1260-3	(3)	58632775	61433135	65701952	71094008	71146000	65601574
Aroclor-1260-4	(4)	59030440	62369265	66379830	72014688	71257740	66210393
Aroclor-1260-5	(5)	114116479	119881285	126090058	134301316	131412820	125160392
Decachlorobiphenyl		1023741880	1056425320	1121292880	1210658840	1170227200	1116469224
Tetrachloro-m-xylene		1326275610	1382087027	1468306860	1479335360	1300426400	1391286251
Aroclor-1242-1	(1)	34530888	35835835	38265986	39688008	36986960	37061535
Aroclor-1242-2	(2)	53812431	57030873	58285280	60713132	56990340	57366411
Aroclor-1242-3	(3)	33081940	34635303	35614556	36593920	32098720	34404888
Aroclor-1242-4	(4)	27124048	28554160	29011970	30535176	28553820	28755835
Aroclor-1242-5	(5)	28568682	30265879	31460328	34073560	32548420	31383374
Decachlorobiphenyl		1057852260	1096409133	1155210300	1246587680	1198216600	1150855195
Tetrachloro-m-xylene		1394590290	1447491667	1467964440	1549944240	1381835600	1448365247
Aroclor-1248-1	(1)	26695957	28363937	29113116	30696272	32268960	29427648
Aroclor-1248-2	(2)	39758611	41635612	43966204	45812740	44431240	43120881
Aroclor-1248-3	(3)	43369699	45590668	48109160	50175608	48642380	47177503
Aroclor-1248-4	(4)	48885695	51390620	54733604	57272840	56221120	53700776
Aroclor-1248-5	(5)	48278095	50482795	53357482	55918364	52049580	52017263
Decachlorobiphenyl		1066892850	1123847293	1166223560	1225696720	1209265600	1158385205
Tetrachloro-m-xylene		1361089130	1427544907	1477014820	1525467280	1364872200	1431197667
Aroclor-1254-1	(1)	49172649	49533699	53610608	58077532	55866960	53252290
Aroclor-1254-2	(2)	74069643	77837235	82015762	86380616	86228260	81306303
Aroclor-1254-3	(3)	74567235	77904277	81251544	85540744	83625320	80577824
Aroclor-1254-4	(4)	56677692	58857921	61471660	64793644	62695060	60899195
Aroclor-1254-5	(5)	58716523	62776568	66462096	67494376	64118280	63913569
Decachlorobiphenyl		1066838960	1102446147	1164362860	1216202280	1160296800	1142029409
Tetrachloro-m-xylene		1365775780	1425990440	1463637820	1512114920	1328566000	1419216992
Aroclor-1268-1	(1)	171965956	177687748	186682010	194675404	192886820	184779588

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154222187	158538831	166288358	172425976	164689060	163232882	4
Aroclor-1268-3	(3)	132497790	136244848	143110640	148784080	145166140	141160700	5
Aroclor-1268-4	(4)	52619884	54911151	57926548	58342576	54828300	55725692	4
Aroclor-1268-5	(5)	378200294	382944067	400675634	416373980	405222020	396683199	4
Decachlorobiphenyl		1745780270	1802805640	1904368380	1971078840	1937468800	1872300386	5
Tetrachloro-m-xylene		1365175360	1389613933	1450454560	1456482120	1340302600	1400405715	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: TETR06

Lab Code: CHEM **Case No.:** Q1122 **SAS No.:** Q1122 **SDG NO.:** Q1122

Instrument ID: ECD_P **Calibration Date(s):** 01/06/2025 01/07/2025
Calibration Times: 19:57 03:16

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP068915.D</u>		CF 750 = <u>PP068916.D</u>			
CF 500 = <u>PP068917.D</u>		CF 250 = <u>PP068918.D</u>		CF 050 = <u>PP068919.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	29491720	31871205	35002460	37188936	35609200	33832704
Aroclor-1016-2	(2)	43905696	46895139	51079918	59834124	49947760	50332527
Aroclor-1016-3	(3)	24591042	26218015	28467334	29753780	26453500	27096734
Aroclor-1016-4	(4)	21752440	23319543	25647084	27056044	25429040	24640830
Aroclor-1016-5	(5)	26864500	28975405	32107876	32642752	30388580	30195823
Aroclor-1260-1	(1)	50390605	53012508	58700244	62769480	61600300	57294627
Aroclor-1260-2	(2)	58350095	59819339	67189098	72555824	71470420	65876955
Aroclor-1260-3	(3)	56856247	58933307	66166408	70041080	69921440	64383696
Aroclor-1260-4	(4)	50536167	50055928	57211992	62777372	59480660	56012424
Aroclor-1260-5	(5)	113748686	110133253	122878600	134950020	132356860	122813484
Decachlorobiphenyl		1055952250	1078345120	1181870400	1328006000	1362385800	1201311914
Tetrachloro-m-xylene		921448750	960676413	1002945440	1051065280	944696000	976166377
Aroclor-1242-1	(1)	25904769	27693345	29421300	31654716	32061380	29347102
Aroclor-1242-2	(2)	38827344	40647475	42253498	45564736	43218900	42102391
Aroclor-1242-3	(3)	21506578	22670196	23486094	24288540	24384700	23267222
Aroclor-1242-4	(4)	22209738	23492983	24690230	25684072	25766040	24368613
Aroclor-1242-5	(5)	26270830	28162075	29282028	30515800	30936940	29033535
Decachlorobiphenyl		1065489030	1201310467	1161897160	1288078080	1369157600	1217186467
Tetrachloro-m-xylene		958809120	1008718787	1019527140	1074481240	990259000	1010359057
Aroclor-1248-1	(1)	20093138	22105341	23598424	24146056	25052820	22999156
Aroclor-1248-2	(2)	29632170	32533207	34508544	36839176	37195000	34141619
Aroclor-1248-3	(3)	31007140	33988465	35908688	37877684	37882320	35332859
Aroclor-1248-4	(4)	36296413	39507735	41759214	44484412	43761000	41161755
Aroclor-1248-5	(5)	34689161	38121964	39504132	41178700	39937060	38686203
Decachlorobiphenyl		1094465140	1151641293	1242326740	1360729280	1293380600	1228508611
Tetrachloro-m-xylene		941029690	986176773	1020381960	1054278600	985643400	997502085
Aroclor-1254-1	(1)	54013826	55348175	60179124	66113132	65004480	60131747
Aroclor-1254-2	(2)	47307501	48908441	53313688	59053240	58911200	53498814
Aroclor-1254-3	(3)	74830722	75469891	83014460	89549424	88739340	82320767
Aroclor-1254-4	(4)	41013798	41461259	45272902	49531452	47721160	45000114
Aroclor-1254-5	(5)	68187162	69945763	75883524	79998908	79038140	74610699
Decachlorobiphenyl		1087096440	1107415987	1209539480	1317992920	1429766000	1230362165
Tetrachloro-m-xylene		1009511300	1003719773	1056322440	1076595560	991234800	1027476775
Aroclor-1268-1	(1)	148439751	158177365	166475976	163027408	175252540	162274608

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	137898942	145673481	153326760	149568992	153368500	147967335	4
Aroclor-1268-3	(3)	122316439	129783148	136690276	135543656	139957980	132858300	5
Aroclor-1268-4	(4)	50957332	53350585	56471448	56057256	49474280	53262180	6
Aroclor-1268-5	(5)	371642320	386230217	400122764	389095000	402465320	389911124	3
Decachlorobiphenyl		1815118270	1907478640	2025499340	2052352080	2187263600	1997542386	7
Tetrachloro-m-xylene		980182400	966201333	1012184220	1043386960	1003939400	1001178863	3

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Instrument ID: ECD_P Date(s) Analyzed: 01/06/2025 01/07/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.87	4.77	4.97	17785200
		2	4.96	4.86	5.06	12871900
		3	5.04	4.94	5.14	38767800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.04	4.94	5.14	29682400
		2	5.57	5.47	5.67	16809200
		3	5.86	5.76	5.96	31337200
		4	6.02	5.92	6.12	15643200
		5	6.11	6.01	6.21	12044900
Aroclor-1262	500	1	8.28	8.18	8.38	79133000
		2	8.62	8.52	8.72	144417000
		3	8.95	8.85	9.05	102560000
		4	9.04	8.94	9.14	83101200
		5	9.72	9.62	9.82	50821400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Instrument ID: ECD_P Date(s) Analyzed: 01/06/2025 01/07/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.20	4.10	4.30	13491500
		2	4.29	4.19	4.39	10378200
		3	4.36	4.26	4.46	31049200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.36	4.26	4.46	24630800
		2	5.10	5.00	5.20	23918600
		3	5.28	5.18	5.38	12560200
		4	5.37	5.27	5.47	11992000
		5	5.54	5.44	5.64	12836200
Aroclor-1262	500	1	7.14	7.04	7.24	79852400
		2	7.40	7.30	7.50	69928200
		3	7.93	7.83	8.03	57593000
		4	7.99	7.89	8.09	100831000
		5	8.51	8.41	8.61	48819800

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Continuing Calib Date: 01/20/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 09:00 Initial Calibration Time(s): 19:57 03:16

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-2	(2)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-3	(3)	5.92	5.92	5.82	6.02	0.00
Aroclor-1016-4	(4)	6.01	6.02	5.92	6.12	0.01
Aroclor-1016-5	(5)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-1	(1)	7.43	7.43	7.33	7.53	0.00
Aroclor-1260-2	(2)	7.68	7.69	7.59	7.79	0.01
Aroclor-1260-3	(3)	8.04	8.05	7.95	8.15	0.01
Aroclor-1260-4	(4)	8.28	8.28	8.18	8.38	0.00
Aroclor-1260-5	(5)	8.61	8.61	8.51	8.71	0.00
Tetrachloro-m-xylene		4.67	4.67	4.57	4.77	0.00
Decachlorobiphenyl		10.52	10.52	10.42	10.62	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Continuing Calib Date: 01/20/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 09:00 Initial Calibration Time(s): 19:57 03:16

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-2	(2)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-3	(3)	5.28	5.28	5.18	5.38	0.00
Aroclor-1016-4	(4)	5.32	5.32	5.22	5.42	0.00
Aroclor-1016-5	(5)	5.54	5.54	5.44	5.64	0.00
Aroclor-1260-1	(1)	6.58	6.58	6.48	6.68	0.00
Aroclor-1260-2	(2)	6.77	6.77	6.67	6.87	0.01
Aroclor-1260-3	(3)	6.92	6.93	6.83	7.03	0.01
Aroclor-1260-4	(4)	7.40	7.40	7.30	7.50	0.01
Aroclor-1260-5	(5)	7.64	7.64	7.54	7.74	0.00
Tetrachloro-m-xylene		3.98	3.98	3.88	4.08	0.00
Decachlorobiphenyl		9.10	9.11	9.01	9.21	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL01 Date Analyzed: 01/20/2025

Lab Sample No.: AR1660CCC500 Data File : PP069214.D Time Analyzed: 09:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.831	5.732	5.932	497.280	500.000	-0.5
Aroclor-1016-2	5.853	5.754	5.954	493.530	500.000	-1.3
Aroclor-1016-3	5.916	5.818	6.018	490.120	500.000	-2.0
Aroclor-1016-4	6.014	5.916	6.116	494.340	500.000	-1.1
Aroclor-1016-5	6.308	6.210	6.410	492.200	500.000	-1.6
Aroclor-1260-1	7.430	7.333	7.533	453.900	500.000	-9.2
Aroclor-1260-2	7.684	7.587	7.787	459.800	500.000	-8.0
Aroclor-1260-3	8.043	7.947	8.147	456.560	500.000	-8.7
Aroclor-1260-4	8.276	8.180	8.380	450.130	500.000	-10.0
Aroclor-1260-5	8.607	8.513	8.713	474.460	500.000	-5.1
Decachlorobiphenyl	10.515	10.424	10.624	45.130	50.000	-9.7
Tetrachloro-m-xylene	4.671	4.572	4.772	51.090	50.000	2.2

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL01 Date Analyzed: 01/20/2025

Lab Sample No.: AR1660CCC500 Data File : PP069214.D Time Analyzed: 09:00

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.081	4.985	5.185	499.750	500.000	-0.1
Aroclor-1016-2	5.100	5.004	5.204	486.420	500.000	-2.7
Aroclor-1016-3	5.280	5.184	5.384	503.910	500.000	0.8
Aroclor-1016-4	5.320	5.224	5.424	483.450	500.000	-3.3
Aroclor-1016-5	5.537	5.442	5.642	484.280	500.000	-3.1
Aroclor-1260-1	6.578	6.484	6.684	447.610	500.000	-10.5
Aroclor-1260-2	6.765	6.672	6.872	461.170	500.000	-7.8
Aroclor-1260-3	6.922	6.828	7.028	440.440	500.000	-11.9
Aroclor-1260-4	7.395	7.302	7.502	434.350	500.000	-13.1
Aroclor-1260-5	7.635	7.541	7.741	451.490	500.000	-9.7
Decachlorobiphenyl	9.101	9.011	9.211	43.710	50.000	-12.6
Tetrachloro-m-xylene	3.981	3.883	4.083	50.460	50.000	0.9

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Continuing Calib Date: 01/20/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 15:32 Initial Calibration Time(s): 19:57 03:16

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.83	5.83	5.73	5.93	0.01
Aroclor-1016-2	(2)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-3	(3)	5.91	5.92	5.82	6.02	0.01
Aroclor-1016-4	(4)	6.01	6.02	5.92	6.12	0.01
Aroclor-1016-5	(5)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-1	(1)	7.43	7.43	7.33	7.53	0.00
Aroclor-1260-2	(2)	7.68	7.69	7.59	7.79	0.01
Aroclor-1260-3	(3)	8.04	8.05	7.95	8.15	0.01
Aroclor-1260-4	(4)	8.27	8.28	8.18	8.38	0.01
Aroclor-1260-5	(5)	8.60	8.61	8.51	8.71	0.01
Tetrachloro-m-xylene		4.67	4.67	4.57	4.77	0.00
Decachlorobiphenyl		10.50	10.52	10.42	10.62	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

Continuing Calib Date: 01/20/2025 Initial Calibration Date(s): 01/06/2025 01/07/2025

Continuing Calib Time: 15:32 Initial Calibration Time(s): 19:57 03:16

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-2	(2)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-3	(3)	5.28	5.28	5.18	5.38	0.00
Aroclor-1016-4	(4)	5.32	5.32	5.22	5.42	0.00
Aroclor-1016-5	(5)	5.53	5.54	5.44	5.64	0.01
Aroclor-1260-1	(1)	6.58	6.58	6.48	6.68	0.01
Aroclor-1260-2	(2)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-3	(3)	6.92	6.93	6.83	7.03	0.01
Aroclor-1260-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-5	(5)	7.63	7.64	7.54	7.74	0.01
Tetrachloro-m-xylene		3.98	3.98	3.88	4.08	0.00
Decachlorobiphenyl		9.10	9.11	9.01	9.21	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL02 Date Analyzed: 01/20/2025

Lab Sample No.: AR1660CCC500 Data File : PP069229.D Time Analyzed: 15:32

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.825	5.732	5.932	482.550	500.000	-3.5
Aroclor-1016-2	5.847	5.754	5.954	500.800	500.000	0.2
Aroclor-1016-3	5.910	5.818	6.018	487.650	500.000	-2.5
Aroclor-1016-4	6.008	5.916	6.116	490.880	500.000	-1.8
Aroclor-1016-5	6.302	6.210	6.410	495.370	500.000	-0.9
Aroclor-1260-1	7.425	7.333	7.533	462.560	500.000	-7.5
Aroclor-1260-2	7.678	7.587	7.787	461.280	500.000	-7.7
Aroclor-1260-3	8.037	7.947	8.147	443.610	500.000	-11.3
Aroclor-1260-4	8.270	8.180	8.380	457.840	500.000	-8.4
Aroclor-1260-5	8.600	8.513	8.713	472.770	500.000	-5.4
Decachlorobiphenyl	10.503	10.424	10.624	45.750	50.000	-8.5
Tetrachloro-m-xylene	4.666	4.572	4.772	50.640	50.000	1.3

CALIBRATION VERIFICATION SUMMARY

Contract: TETR06

Lab Code: CHEM Case No.: Q1122 SAS No.: Q1122 SDG NO.: Q1122

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 01/06/2025 01/06/2025

Client Sample No.: CCAL02 Date Analyzed: 01/20/2025

Lab Sample No.: AR1660CCC500 Data File : PP069229.D Time Analyzed: 15:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.077	4.985	5.185	484.470	500.000	-3.1
Aroclor-1016-2	5.097	5.004	5.204	465.170	500.000	-7.0
Aroclor-1016-3	5.276	5.184	5.384	497.370	500.000	-0.5
Aroclor-1016-4	5.316	5.224	5.424	473.090	500.000	-5.4
Aroclor-1016-5	5.534	5.442	5.642	450.430	500.000	-9.9
Aroclor-1260-1	6.575	6.484	6.684	420.560	500.000	-15.9
Aroclor-1260-2	6.762	6.672	6.872	434.700	500.000	-13.1
Aroclor-1260-3	6.918	6.828	7.028	404.100	500.000	-19.2
Aroclor-1260-4	7.391	7.302	7.502	393.810	500.000	-21.2
Aroclor-1260-5	7.631	7.541	7.741	404.540	500.000	-19.1
Decachlorobiphenyl	9.096	9.011	9.211	40.770	50.000	-18.5
Tetrachloro-m-xylene	3.978	3.883	4.083	48.120	50.000	-3.8

Analytical Sequence

Client: Tetra Tech NUS, Inc.	SDG No.: Q1122
Project: NWIRP Bethpage 112G08005-WE13	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 01/06/2025 01/06/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	01/06/2025	19:41	PP068914.D	10.52	4.67
AR1660ICC1000	AR1660ICC1000	01/06/2025	19:57	PP068915.D	10.52	4.67
AR1660ICC750	AR1660ICC750	01/06/2025	20:13	PP068916.D	10.53	4.67
AR1660ICC500	AR1660ICC500	01/06/2025	20:30	PP068917.D	10.52	4.67
AR1660ICC250	AR1660ICC250	01/06/2025	20:46	PP068918.D	10.52	4.67
AR1660ICC050	AR1660ICC050	01/06/2025	21:02	PP068919.D	10.53	4.67
AR1221ICC500	AR1221ICC500	01/06/2025	21:19	PP068920.D	10.53	4.67
AR1232ICC500	AR1232ICC500	01/06/2025	21:35	PP068921.D	10.52	4.67
AR1242ICC1000	AR1242ICC1000	01/06/2025	21:51	PP068922.D	10.53	4.67
AR1242ICC750	AR1242ICC750	01/06/2025	22:07	PP068923.D	10.52	4.67
AR1242ICC500	AR1242ICC500	01/06/2025	22:24	PP068924.D	10.53	4.67
AR1242ICC250	AR1242ICC250	01/06/2025	22:40	PP068925.D	10.53	4.67
AR1242ICC050	AR1242ICC050	01/06/2025	22:56	PP068926.D	10.53	4.67
AR1248ICC1000	AR1248ICC1000	01/06/2025	23:12	PP068927.D	10.52	4.67
AR1248ICC750	AR1248ICC750	01/06/2025	23:29	PP068928.D	10.52	4.67
AR1248ICC500	AR1248ICC500	01/06/2025	23:45	PP068929.D	10.53	4.67
AR1248ICC250	AR1248ICC250	01/07/2025	00:01	PP068930.D	10.52	4.67
AR1248ICC050	AR1248ICC050	01/07/2025	00:17	PP068931.D	10.53	4.68
AR1254ICC1000	AR1254ICC1000	01/07/2025	00:34	PP068932.D	10.52	4.67
AR1254ICC750	AR1254ICC750	01/07/2025	00:50	PP068933.D	10.52	4.67
AR1254ICC500	AR1254ICC500	01/07/2025	01:06	PP068934.D	10.52	4.67
AR1254ICC250	AR1254ICC250	01/07/2025	01:22	PP068935.D	10.52	4.67
AR1254ICC050	AR1254ICC050	01/07/2025	01:39	PP068936.D	10.53	4.67
AR1262ICC500	AR1262ICC500	01/07/2025	01:55	PP068937.D	10.53	4.68
AR1268ICC1000	AR1268ICC1000	01/07/2025	02:11	PP068938.D	10.53	4.67
AR1268ICC750	AR1268ICC750	01/07/2025	02:27	PP068939.D	10.52	4.67
AR1268ICC500	AR1268ICC500	01/07/2025	02:44	PP068940.D	10.53	4.68
AR1268ICC250	AR1268ICC250	01/07/2025	03:00	PP068941.D	10.53	4.67
AR1268ICC050	AR1268ICC050	01/07/2025	03:16	PP068942.D	10.53	4.67
AR1660CCC500	AR1660CCC500	01/20/2025	09:00	PP069214.D	10.52	4.67
IBLK	IBLK	01/20/2025	10:05	PP069218.D	10.51	4.67
PB166124BL	PB166124BL	01/20/2025	10:21	PP069219.D	10.51	4.67
PB166124BS	PB166124BS	01/20/2025	10:37	PP069220.D	10.51	4.67
PB166124BSD	PB166124BSD	01/20/2025	10:54	PP069221.D	10.51	4.67
RW10A-20250116	Q1122-01	01/20/2025	11:10	PP069222.D	10.51	4.67
AR1660CCC500	AR1660CCC500	01/20/2025	15:32	PP069229.D	10.50	4.67
IBLK	IBLK	01/20/2025	16:37	PP069233.D	10.51	4.67

Analytical Sequence

Client: Tetra Tech NUS, Inc.	SDG No.: Q1122
Project: NWIRP Bethpage 112G08005-WE13	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 01/06/2025 01/06/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	01/06/2025	19:41	PP068914.D	9.11	3.98
AR1660ICC1000	AR1660ICC1000	01/06/2025	19:57	PP068915.D	9.11	3.98
AR1660ICC750	AR1660ICC750	01/06/2025	20:13	PP068916.D	9.11	3.98
AR1660ICC500	AR1660ICC500	01/06/2025	20:30	PP068917.D	9.11	3.98
AR1660ICC250	AR1660ICC250	01/06/2025	20:46	PP068918.D	9.11	3.98
AR1660ICC050	AR1660ICC050	01/06/2025	21:02	PP068919.D	9.11	3.98
AR1221ICC500	AR1221ICC500	01/06/2025	21:19	PP068920.D	9.11	3.98
AR1232ICC500	AR1232ICC500	01/06/2025	21:35	PP068921.D	9.11	3.98
AR1242ICC1000	AR1242ICC1000	01/06/2025	21:51	PP068922.D	9.11	3.98
AR1242ICC750	AR1242ICC750	01/06/2025	22:07	PP068923.D	9.11	3.98
AR1242ICC500	AR1242ICC500	01/06/2025	22:24	PP068924.D	9.11	3.98
AR1242ICC250	AR1242ICC250	01/06/2025	22:40	PP068925.D	9.11	3.98
AR1242ICC050	AR1242ICC050	01/06/2025	22:56	PP068926.D	9.11	3.98
AR1248ICC1000	AR1248ICC1000	01/06/2025	23:12	PP068927.D	9.11	3.98
AR1248ICC750	AR1248ICC750	01/06/2025	23:29	PP068928.D	9.11	3.98
AR1248ICC500	AR1248ICC500	01/06/2025	23:45	PP068929.D	9.11	3.98
AR1248ICC250	AR1248ICC250	01/07/2025	00:01	PP068930.D	9.11	3.98
AR1248ICC050	AR1248ICC050	01/07/2025	00:17	PP068931.D	9.11	3.98
AR1254ICC1000	AR1254ICC1000	01/07/2025	00:34	PP068932.D	9.11	3.98
AR1254ICC750	AR1254ICC750	01/07/2025	00:50	PP068933.D	9.11	3.98
AR1254ICC500	AR1254ICC500	01/07/2025	01:06	PP068934.D	9.11	3.98
AR1254ICC250	AR1254ICC250	01/07/2025	01:22	PP068935.D	9.11	3.98
AR1254ICC050	AR1254ICC050	01/07/2025	01:39	PP068936.D	9.11	3.98
AR1262ICC500	AR1262ICC500	01/07/2025	01:55	PP068937.D	9.11	3.98
AR1268ICC1000	AR1268ICC1000	01/07/2025	02:11	PP068938.D	9.11	3.98
AR1268ICC750	AR1268ICC750	01/07/2025	02:27	PP068939.D	9.11	3.99
AR1268ICC500	AR1268ICC500	01/07/2025	02:44	PP068940.D	9.11	3.98
AR1268ICC250	AR1268ICC250	01/07/2025	03:00	PP068941.D	9.11	3.99
AR1268ICC050	AR1268ICC050	01/07/2025	03:16	PP068942.D	9.11	3.99
AR1660CCC500	AR1660CCC500	01/20/2025	09:00	PP069214.D	9.10	3.98
IBLK	IBLK	01/20/2025	10:05	PP069218.D	9.10	3.98
PB166124BL	PB166124BL	01/20/2025	10:21	PP069219.D	9.10	3.98
PB166124BS	PB166124BS	01/20/2025	10:37	PP069220.D	9.10	3.98
PB166124BSD	PB166124BSD	01/20/2025	10:54	PP069221.D	9.10	3.98
RW10A-20250116	Q1122-01	01/20/2025	11:10	PP069222.D	9.10	3.98
AR1660CCC500	AR1660CCC500	01/20/2025	15:32	PP069229.D	9.10	3.98
IBLK	IBLK	01/20/2025	16:37	PP069233.D	9.10	3.98



QC SAMPLE DATA

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:		
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:		
Client Sample ID:	PB166124BL		SDG No.:	Q1122	
Lab Sample ID:	PB166124BL		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069219.D	1	01/17/25 11:30	01/20/25 10:21	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		35 - 137		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		40 - 135		107%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	01/06/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	01/06/25	
Client Sample ID:	PIBLK-PP068914.D		SDG No.:	Q1122	
Lab Sample ID:	I.BLK-PP068914.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068914.D	1		01/06/25	PP010625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		60 - 140		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		60 - 140		115%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	01/20/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	01/20/25	
Client Sample ID:	PIBLK-PP069218.D		SDG No.:	Q1122	
Lab Sample ID:	I.BLK-PP069218.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069218.D	1		01/20/25	PP012025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 140		90%	SPK: 20

Comments:

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LOD = Limit of Detection

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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

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	01/20/25	
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	01/20/25	
Client Sample ID:	PIBLK-PP069233.D		SDG No.:	Q1122	
Lab Sample ID:	I.BLK-PP069233.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069233.D	1		01/20/25	PP012025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.9		60 - 140		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 140		88%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

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

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:		
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:		
Client Sample ID:	PB166124BS		SDG No.:	Q1122	
Lab Sample ID:	PB166124BS		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069220.D	1	01/17/25 11:30	01/20/25 10:37	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.50		0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	4.10		0.15	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.9		35 - 137		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		40 - 135		106%	SPK: 20

Comments:

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LOD = Limit of Detection

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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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:		
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:		
Client Sample ID:	PB166124BSD		SDG No.:	Q1122	
Lab Sample ID:	PB166124BSD		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069221.D	1	01/17/25 11:30	01/20/25 10:54	PB166124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	4.60		0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	4.10		0.15	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.9		35 - 137		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		40 - 135		108%	SPK: 20

Comments:

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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

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