

LAB CHRONICLE

OrderID:	Q1956	OrderDate:	5/2/2025 3:14:35 PM
Client:	CDM Smith	Project:	Bergen Point Fueling System
Contact:	Marcie Ann Encinas	Location:	L31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1956-01	SB1-3-4	SOIL			05/01/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			PCB	8082A		05/06/25	05/06/25	
Q1956-02	SB2-4-5	SOIL			05/02/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			PCB	8082A		05/06/25	05/06/25	
Q1956-06	SB91-3-4	SOIL			05/01/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			PCB	8082A		05/06/25	05/06/25	
Q1956-07	FB-05022025	Water			05/02/25			05/02/25
			Gasoline Range Organics	8015D			05/06/25	
			PCB	8082A		05/07/25	05/07/25	

Hit Summary Sheet
SW-846

SDG No.: Q1956

Order ID: Q1956

Client: CDM Smith

Project ID: Bergen Point Fueling System

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q1956-02	SB2-4-5 SB2-4-5	SOIL	Aroclor-1254	6.90	JP	3.40	18.1	ug/kg
Total Concentration:				6.900				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071809.D	1	05/06/25 08:55	05/06/25 13:45	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	19.1	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	19.1	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	19.1	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	19.1	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	19.1	U	6.60	19.1	ug/kg
11097-69-1	Aroclor-1254	19.1	U	3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	19.1	U	5.60	19.1	ug/kg
11100-14-4	Aroclor-1268	19.1	U	4.00	19.1	ug/kg
11096-82-5	Aroclor-1260	19.1	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		32 - 175	91%	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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071810.D	1	05/06/25 08:55	05/06/25 14:01	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	18.1	U	4.20	18.1	ug/kg
11104-28-2	Aroclor-1221	18.1	U	4.30	18.1	ug/kg
11141-16-5	Aroclor-1232	18.1	U	4.00	18.1	ug/kg
53469-21-9	Aroclor-1242	18.1	U	4.30	18.1	ug/kg
12672-29-6	Aroclor-1248	18.1	U	6.30	18.1	ug/kg
11097-69-1	Aroclor-1254	6.90	JP	3.40	18.1	ug/kg
37324-23-5	Aroclor-1262	18.1	U	5.40	18.1	ug/kg
11100-14-4	Aroclor-1268	18.1	U	3.80	18.1	ug/kg
11096-82-5	Aroclor-1260	18.1	U	3.40	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		32 - 144	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		32 - 175	90%	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:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071813.D	1	05/06/25 08:55	05/06/25 14:51	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	18.8	U	4.40	18.8	ug/kg
11104-28-2	Aroclor-1221	18.8	U	4.50	18.8	ug/kg
11141-16-5	Aroclor-1232	18.8	U	4.10	18.8	ug/kg
53469-21-9	Aroclor-1242	18.8	U	4.40	18.8	ug/kg
12672-29-6	Aroclor-1248	18.8	U	6.50	18.8	ug/kg
11097-69-1	Aroclor-1254	18.8	U	3.50	18.8	ug/kg
37324-23-5	Aroclor-1262	18.8	U	5.60	18.8	ug/kg
11100-14-4	Aroclor-1268	18.8	U	4.00	18.8	ug/kg
11096-82-5	Aroclor-1260	18.8	U	3.60	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.8		32 - 144	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		32 - 175	81%	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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	FB-05022025	SDG No.:	Q1956
Lab Sample ID:	Q1956-07	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	430	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071843.D	1	05/07/25 09:15	05/07/25 15:24	PB167890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.58	U	0.11	0.58	ug/L
11104-28-2	Aroclor-1221	0.58	U	0.15	0.58	ug/L
11141-16-5	Aroclor-1232	0.58	U	0.11	0.58	ug/L
53469-21-9	Aroclor-1242	0.58	U	0.14	0.58	ug/L
12672-29-6	Aroclor-1248	0.58	U	0.083	0.58	ug/L
11097-69-1	Aroclor-1254	0.58	U	0.11	0.58	ug/L
37324-23-5	Aroclor-1262	0.58	U	0.16	0.58	ug/L
11100-14-4	Aroclor-1268	0.58	U	0.13	0.58	ug/L
11096-82-5	Aroclor-1260	0.58	U	0.094	0.58	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		16 - 158	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		10 - 173	69%	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.: Q1956

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP071388.D	PIBLK-PP071388.D	Tetrachloro-m-xylene	1	20	17.1	85		60	140
		Decachlorobiphenyl	1	20	17.6	88		60	140
		Tetrachloro-m-xylene	2	20	17.2	86		60	140
		Decachlorobiphenyl	2	20	17.6	88		60	140
I.BLK-PP071804.D	PIBLK-PP071804.D	Tetrachloro-m-xylene	1	20	17.1	86		60	140
		Decachlorobiphenyl	1	20	19.0	95		60	140
		Tetrachloro-m-xylene	2	20	19.0	95		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
PB167877BL	PB167877BL	Tetrachloro-m-xylene	1	20	20.6	103		32	144
		Decachlorobiphenyl	1	20	21.9	109		32	175
		Tetrachloro-m-xylene	2	20	22.9	115		32	144
		Decachlorobiphenyl	2	20	24.6	123		32	175
PB167877BS	PB167877BS	Tetrachloro-m-xylene	1	20	20.7	104		32	144
		Decachlorobiphenyl	1	20	22.2	111		32	175
		Tetrachloro-m-xylene	2	20	22.4	112		32	144
		Decachlorobiphenyl	2	20	24.1	121		32	175
Q1956-01	SB1-3-4	Tetrachloro-m-xylene	1	20	20.9	104		32	144
		Decachlorobiphenyl	1	20	16.1	81		32	175
		Tetrachloro-m-xylene	2	20	23.5	117		32	144
		Decachlorobiphenyl	2	20	18.3	91		32	175
Q1956-02	SB2-4-5	Tetrachloro-m-xylene	1	20	20.7	104		32	144
		Decachlorobiphenyl	1	20	17.2	86		32	175
		Tetrachloro-m-xylene	2	20	22.6	113		32	144
		Decachlorobiphenyl	2	20	18.0	90		32	175
Q1956-03MS	SB2-4-5MS	Tetrachloro-m-xylene	1	20	22.6	113		32	144
		Decachlorobiphenyl	1	20	21.1	105		32	175
		Tetrachloro-m-xylene	2	20	23.7	119		32	144
		Decachlorobiphenyl	2	20	23.3	117		32	175
Q1956-04MSD	SB2-4-5MSD	Tetrachloro-m-xylene	1	20	21.8	109		32	144
		Decachlorobiphenyl	1	20	21.0	105		32	175
		Tetrachloro-m-xylene	2	20	21.2	106		32	144
		Decachlorobiphenyl	2	20	22.7	114		32	175
Q1956-06	SB91-3-4	Tetrachloro-m-xylene	1	20	19.7	99		32	144
		Decachlorobiphenyl	1	20	14.9	74		32	175
		Tetrachloro-m-xylene	2	20	22.8	114		32	144
		Decachlorobiphenyl	2	20	16.2	81		32	175
I.BLK-PP071819.D	PIBLK-PP071819.D	Tetrachloro-m-xylene	1	20	17.0	85		60	140
		Decachlorobiphenyl	1	20	18.7	93		60	140
		Tetrachloro-m-xylene	2	20	19.6	98		60	140
		Decachlorobiphenyl	2	20	21.9	109		60	140
I.BLK-PP071839.D	PIBLK-PP071839.D	Tetrachloro-m-xylene	1	20	16.3	81		60	140

Surrogate Summary

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP071839.D	PIBLK-PP071839.D	Decachlorobiphenyl	1	20	16.5	83		60	140
		Tetrachloro-m-xylene	2	20	18.1	91		60	140
PB167890BL	PB167890BL	Decachlorobiphenyl	2	20	19.2	96		60	140
		Tetrachloro-m-xylene	1	20	20.3	102		16	158
		Decachlorobiphenyl	1	20	20.3	101		10	173
		Tetrachloro-m-xylene	2	20	21.9	110		16	158
		Decachlorobiphenyl	2	20	23.4	117		10	173
		Tetrachloro-m-xylene	1	20	20.4	102		16	158
PB167890BS	PB167890BS	Decachlorobiphenyl	1	20	20.6	103		10	173
		Tetrachloro-m-xylene	2	20	20.5	102		16	158
		Decachlorobiphenyl	2	20	22.1	110		10	173
		Tetrachloro-m-xylene	1	20	19.7	99		16	158
PB167890BSD	PB167890BSD	Decachlorobiphenyl	1	20	19.8	99		10	173
		Tetrachloro-m-xylene	2	20	20.7	104		16	158
		Decachlorobiphenyl	2	20	22.1	111		10	173
		Tetrachloro-m-xylene	1	20	21.4	107		16	158
		Decachlorobiphenyl	1	20	12.3	62		10	173
Q1956-07	FB-05022025	Tetrachloro-m-xylene	2	20	23.5	117		16	158
		Decachlorobiphenyl	2	20	13.8	69		10	173
		Tetrachloro-m-xylene	1	20	16.2	81		60	140
		Decachlorobiphenyl	1	20	16.6	83		60	140
I.BLK-PP071851.D	PIBLK-PP071851.D	Tetrachloro-m-xylene	2	20	17.9	90		60	140
		Decachlorobiphenyl	2	20	19.1	96		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8082A

DataFile : PP071811.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1956-03MS	SB2-4-5MS											
	AR1016	178.1	0	187	ug/kg	105				55	146	
	AR1260	178.1	0	182	ug/kg	102				31	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8082A

DataFile : PP071812.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1956-04MSD	SB2-4-5MSD											
	AR1016	178.1	0	181	ug/kg	102		3		55	146	20
	AR1260	178.1	0	186	ug/kg	104		2		31	146	20



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.: Q1956

Client: CDM Smith

Analytical Method: 8082A Datafile : PP071808.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167877BS	AR1016	166.6	152	ug/kg	91				71	120	
	AR1260	166.6	151	ug/kg	91				65	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: **8082A** **Datafile :** PP071841.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167890BS	AR1016	5	4.60	ug/L	92				61	112	
	AR1260	5	4.70	ug/L	94				66	113	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: **8082A** **Datafile :** PP071842.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167890BSD	AR1016	5	4.70	ug/L	94	2			61	112	20
	AR1260	5	4.70	ug/L	94	0			66	113	20

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167877BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: PB167877BL

Lab File ID: PP071807.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/06/2025

Date Analyzed (1): 05/06/2025

Date Analyzed (2): 05/06/2025

Time Analyzed (1): 13:12

Time Analyzed (2): 13:12

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
PB167877BS	PB167877BS	PP071808.D	05/06/2025	05/06/2025
SB1-3-4	Q1956-01	PP071809.D	05/06/2025	05/06/2025
SB2-4-5	Q1956-02	PP071810.D	05/06/2025	05/06/2025
SB2-4-5MS	Q1956-03MS	PP071811.D	05/06/2025	05/06/2025
SB2-4-5MSD	Q1956-04MSD	PP071812.D	05/06/2025	05/06/2025
SB91-3-4	Q1956-06	PP071813.D	05/06/2025	05/06/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167890BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956

SAS No.: Q1956 SDG NO.: Q1956

Lab Sample ID: PB167890BL

Lab File ID: PP071840.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/07/2025

Date Analyzed (1): 05/07/2025

Date Analyzed (2): 05/07/2025

Time Analyzed (1): 14:35

Time Analyzed (2): 14:35

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
PB167890BS	PB167890BS	PP071841.D	05/07/2025	05/07/2025
PB167890BSD	PB167890BSD	PP071842.D	05/07/2025	05/07/2025
FB-05022025	Q1956-07	PP071843.D	05/07/2025	05/07/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Instrument ID: ECD_P Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID:	RT 1000 = <u>PP071389.D</u>	RT 750 = <u>PP071390.D</u>
RT 500 = <u>PP071391.D</u>	RT 250 = <u>PP071392.D</u>	RT 050 = <u>PP071393.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.66	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1016-5	(5)	6.14	6.14	6.15	6.14	6.14	6.14	6.04	6.24
Aroclor-1260-1	(1)	7.26	7.26	7.27	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.51	7.51	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.87	7.87	7.88	7.87	7.88	7.87	7.77	7.97
Aroclor-1260-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.42	8.42	8.42	8.42	8.42	8.42	8.32	8.52
Decachlorobiphenyl		10.23	10.23	10.24	10.23	10.24	10.23	10.13	10.33
Tetrachloro-m-xylene		4.51	4.51	4.52	4.51	4.52	4.51	4.41	4.61
Aroclor-1242-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-3	(3)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1242-4	(4)	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.23	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.51	4.52	4.51	4.51	4.52	4.51	4.41	4.61
Aroclor-1248-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1248-2	(2)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1248-3	(3)	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1248-4	(4)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1248-5	(5)	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
Decachlorobiphenyl		10.24	10.24	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.51	4.51	4.51	4.51	4.41	4.61
Aroclor-1254-1	(1)	6.52	6.52	6.52	6.52	6.52	6.52	6.42	6.62
Aroclor-1254-2	(2)	6.74	6.74	6.74	6.73	6.74	6.74	6.64	6.84
Aroclor-1254-3	(3)	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.24	10.24	10.24	10.23	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene		4.52	4.52	4.52	4.51	4.51	4.51	4.41	4.61
Aroclor-1268-1	(1)	8.73	8.73	8.73	8.74	8.73	8.73	8.63	8.83
Aroclor-1268-2	(2)	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Aroclor-1268-3	(3)	9.06	9.06	9.06	9.06	9.06	9.06	8.96	9.16
Aroclor-1268-4	(4)	9.48	9.48	9.48	9.48	9.48	9.48	9.38	9.58
Aroclor-1268-5	(5)	9.89	9.89	9.89	9.90	9.89	9.90	9.80	10.00

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.24	10.23	10.24	10.24	10.24	10.24	10.14	10.34
Tetrachloro-m-xylene	4.51	4.52	4.52	4.52	4.51	4.52	4.42	4.62

A
B
C
D
E
F
G

A
B
C
D
E
F
G

Calibration Times: 10:29 17:49

ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.85	8.85	8.85	8.85	8.85	8.85	8.75	8.95
Tetrachloro-m-xylene	3.81	3.81	3.81	3.81	3.81	3.81	3.71	3.91

A

B

C

D

E

F

G

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Instrument ID: ECD_P Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID:		CF 1000 = <u>PP071389.D</u>		CF 750 = <u>PP071390.D</u>			
CF 500 = <u>PP071391.D</u>		CF 250 = <u>PP071392.D</u>		CF 050 = <u>PP071393.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	64709894	67652695	70083532	71128656	61674340	67049823
Aroclor-1016-2	(2)	98977911	102364897	107369074	108813892	95615840	102628323
Aroclor-1016-3	(3)	59905708	62127143	64296308	65849928	56056440	61647105
Aroclor-1016-4	(4)	50563747	52419789	53619076	54941428	44946700	51298148
Aroclor-1016-5	(5)	47772963	49344036	50670668	50888564	42515680	48238382
Aroclor-1260-1	(1)	90879847	94857525	98814986	99659744	95910940	96024608
Aroclor-1260-2	(2)	137163459	142386411	147498372	149887700	138450980	143077384
Aroclor-1260-3	(3)	110350751	114445481	117702804	126515524	91505860	112104084
Aroclor-1260-4	(4)	105570732	110780085	111211068	131260612	105501660	112864831
Aroclor-1260-5	(5)	220536830	229070229	228919678	255108180	199231240	226573231
Decachlorobiphenyl		1409816860	1467002307	1522583160	1539948480	1300700600	1448010281
Tetrachloro-m-xylene		1947183160	2005072840	2066603680	2100352680	1793966200	1982635712
Aroclor-1242-1	(1)	53870259	55684409	58494980	58676784	47130380	54771362
Aroclor-1242-2	(2)	81881116	85641493	90236470	89744200	77399340	84980524
Aroclor-1242-3	(3)	49423643	51294363	53309060	53836868	47752740	51123335
Aroclor-1242-4	(4)	41638031	42855355	45034468	44656444	36858500	42208560
Aroclor-1242-5	(5)	44955701	46392219	48330700	47956460	43817460	46290508
Decachlorobiphenyl		1368547670	1421241013	1488838040	1503303480	1179092600	1392204561
Tetrachloro-m-xylene		1868945350	1926494133	2017272340	2030390160	1613146400	1891249677
Aroclor-1248-1	(1)	42447397	43370463	44490672	45736348	38649560	42938888
Aroclor-1248-2	(2)	57932834	60215229	62023042	63285912	58705480	60432499
Aroclor-1248-3	(3)	65030901	68053485	69372090	70318056	61147600	66784426
Aroclor-1248-4	(4)	80777360	84441085	86910244	89142916	81782860	84610893
Aroclor-1248-5	(5)	76029464	78502729	80776474	83552224	78380620	79448302
Decachlorobiphenyl		1379130770	1440268240	1485619680	1521197800	1358343200	1436911938
Tetrachloro-m-xylene		1879191440	1925518227	1989640420	2037603040	1811949400	1928780505
Aroclor-1254-1	(1)	78574372	81246615	85577334	88598188	75759400	81951182
Aroclor-1254-2	(2)	121624435	125816099	132146328	137115708	118678260	127076166
Aroclor-1254-3	(3)	123432630	127799839	132981654	137623252	117036460	127774767
Aroclor-1254-4	(4)	112512019	116259037	121737436	124392856	112665620	117513394
Aroclor-1254-5	(5)	106399089	105922557	113785120	116153044	96391680	107730298
Decachlorobiphenyl		1410101810	1469202520	1526389740	1549706840	1328725400	1456825262
Tetrachloro-m-xylene		1888241120	1936990333	2012368600	2071565920	1722515200	1926336235
Aroclor-1268-1	(1)	299594266	309097848	319744804	331826088	282063800	308465361

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	251109850	259047004	267960354	275856908	228123960	256419615	7
Aroclor-1268-3	(3)	211915080	218354113	225284280	231505696	216470880	220706010	4
Aroclor-1268-4	(4)	93231632	96431025	99007040	98059984	82736300	93893196	7
Aroclor-1268-5	(5)	590082071	603740247	621062448	631335032	536707900	596585540	6
Decachlorobiphenyl		2486623660	2556709627	2669414960	2694667240	2263272000	2534137497	7
Tetrachloro-m-xylene		1883977950	1931567613	1982008260	2006991440	1590966000	1879102253	9

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Instrument ID: ECD_P

Calibration Date(s): 04/22/2025 04/22/2025

Calibration Times: 10:29 17:49

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

LAB FILE ID:		CF 1000 = <u>PP071389.D</u>		CF 750 = <u>PP071390.D</u>			
CF 500 = <u>PP071391.D</u>		CF 250 = <u>PP071392.D</u>		CF 050 = <u>PP071393.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	48121828	49414308	53806128	56180596	60145020	53533576
Aroclor-1016-2	(2)	69736709	72096436	77213744	78520924	84250740	76363711
Aroclor-1016-3	(3)	38517048	40455577	43831736	45082616	43165080	42210411
Aroclor-1016-4	(4)	31206636	32814844	36123020	37095092	35190100	34485938
Aroclor-1016-5	(5)	39458687	41985771	45850608	46345748	48595640	44447291
Aroclor-1260-1	(1)	63219917	66123699	73727666	76350368	82074520	72299234
Aroclor-1260-2	(2)	77338708	77548395	89921718	91492956	101005300	87461415
Aroclor-1260-3	(3)	72062678	70944365	81698234	79344004	87888600	78387576
Aroclor-1260-4	(4)	57333188	56779915	65331750	68083052	68025140	63110609
Aroclor-1260-5	(5)	143809415	139161576	155842678	157512280	157560640	150777318
Decachlorobiphenyl		831147600	875337973	902319620	934998560	841460400	877052831
Tetrachloro-m-xylene		1380433570	1378340613	1415112020	1448341640	1420974200	1408640409
Aroclor-1242-1	(1)	42717527	44660211	47919806	49576672	46343800	46243603
Aroclor-1242-2	(2)	62346958	64901092	68295906	70279172	64290540	66022734
Aroclor-1242-3	(3)	34614031	35703872	38469574	40739776	32714120	36448275
Aroclor-1242-4	(4)	33518120	34659665	37548334	39683016	33143760	35710579
Aroclor-1242-5	(5)	41214500	42688541	44971456	47258656	41407120	43508055
Decachlorobiphenyl		815615080	851726400	897002660	917481280	766770800	849719244
Tetrachloro-m-xylene		1295159620	1325412680	1503876340	1432488040	1389045200	1389196376
Aroclor-1248-1	(1)	30996932	35945815	36538014	39256084	37796080	36106585
Aroclor-1248-2	(2)	43624561	47309389	48616518	53505512	51756020	48962400
Aroclor-1248-3	(3)	45791659	49899927	50774174	56002176	52959580	51085503
Aroclor-1248-4	(4)	53871444	58562581	58680784	64889280	67282380	60657294
Aroclor-1248-5	(5)	52150607	56290108	57608714	65271236	60133720	58290877
Decachlorobiphenyl		826375100	860756013	900400040	940375840	921771600	889935719
Tetrachloro-m-xylene		1324712230	1514156880	1548203640	1434858960	1416930600	1447772462
Aroclor-1254-1	(1)	81690839	87361264	89755404	97285536	100908960	91400401
Aroclor-1254-2	(2)	70045476	75469849	77317914	83154376	87573280	78712179
Aroclor-1254-3	(3)	109725744	114103376	120096818	124380164	124235440	118508308
Aroclor-1254-4	(4)	70169900	74068720	77810162	81877428	81901880	77165618
Aroclor-1254-5	(5)	92229111	96109599	104690794	107384400	106924600	101467701
Decachlorobiphenyl		846307500	875335867	916104900	955261880	868223800	892246789
Tetrachloro-m-xylene		1390553300	1501013893	1450901500	1518608160	1468503000	1465915971
Aroclor-1268-1	(1)	181860271	188460193	203483780	205414332	201904640	196224643

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	154801411	159518377	172755008	173272408	170561360	166181713	5
Aroclor-1268-3	(3)	128491160	133089205	143083692	144773184	135469120	136981272	5
Aroclor-1268-4	(4)	56964280	59695839	63521398	64177792	55793320	60030526	6
Aroclor-1268-5	(5)	367021219	377695863	385175068	387479012	342861840	372046600	5
Decachlorobiphenyl		1499051200	1546040093	1602790460	1652739760	1464953600	1553115023	5
Tetrachloro-m-xylene		1476470990	1445952813	1464214380	1457737600	1300882000	1429051557	5

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Instrument ID: ECD_P Date(s) Analyzed: 04/22/2025 04/22/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.72	4.62	4.82	24116800
		2	4.80	4.70	4.90	18016900
		3	4.88	4.78	4.98	56611200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.88	4.78	4.98	44912000
		2	5.40	5.30	5.50	23013000
		3	5.69	5.59	5.79	47217600
		4	5.85	5.75	5.95	23179400
		5	5.94	5.84	6.04	16145700
Aroclor-1262	500	1	8.10	8.00	8.20	144491000
		2	8.42	8.32	8.52	274186000
		3	8.74	8.64	8.84	182878000
		4	8.82	8.72	8.92	134211000
		5	9.48	9.38	9.58	88162000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Instrument ID: ECD_P Date(s) Analyzed: 04/22/2025 04/22/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.02	3.92	4.12	21995000
		2	4.11	4.01	4.21	16561700
		3	4.19	4.09	4.29	48477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.19	4.09	4.29	38317800
		2	4.92	4.82	5.02	38187400
		3	5.09	4.99	5.19	21175200
		4	5.18	5.08	5.28	18540400
		5	5.35	5.25	5.45	19901900
Aroclor-1262	500	1	6.94	6.84	7.04	113612000
		2	7.20	7.10	7.30	92339400
		3	7.72	7.62	7.82	75694400
		4	7.79	7.69	7.89	124826000
		5	8.29	8.19	8.39	55493200

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/06/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 09:22 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.76	5.75	5.65	5.85	-0.01
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-5	(5)	6.15	6.15	6.05	6.25	0.00
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-3	(3)	7.88	7.88	7.78	7.98	0.00
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.42	8.32	8.52	0.00
Tetrachloro-m-xylene		4.52	4.52	4.42	4.62	0.00
Decachlorobiphenyl		10.24	10.24	10.14	10.34	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/06/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 09:22 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.35	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL01 Date Analyzed: 05/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP071800.D Time Analyzed: 09:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.673	5.571	5.771	439.490	500.000	-12.1
Aroclor-1016-2	5.694	5.593	5.793	454.470	500.000	-9.1
Aroclor-1016-3	5.756	5.654	5.854	444.880	500.000	-11.0
Aroclor-1016-4	5.853	5.752	5.952	443.130	500.000	-11.4
Aroclor-1016-5	6.146	6.045	6.245	456.880	500.000	-8.6
Aroclor-1260-1	7.264	7.165	7.365	480.350	500.000	-3.9
Aroclor-1260-2	7.518	7.418	7.618	472.150	500.000	-5.6
Aroclor-1260-3	7.876	7.777	7.977	456.570	500.000	-8.7
Aroclor-1260-4	8.100	8.002	8.202	439.400	500.000	-12.1
Aroclor-1260-5	8.420	8.322	8.522	461.880	500.000	-7.6
Decachlorobiphenyl	10.236	10.137	10.337	47.570	50.000	-4.9
Tetrachloro-m-xylene	4.518	4.417	4.617	45.670	50.000	-8.7

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL01 Date Analyzed: 05/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP071800.D Time Analyzed: 09:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.893	4.798	4.998	477.790	500.000	-4.4
Aroclor-1016-2	4.912	4.816	5.016	488.710	500.000	-2.3
Aroclor-1016-3	5.089	4.993	5.193	489.730	500.000	-2.1
Aroclor-1016-4	5.131	5.036	5.236	480.630	500.000	-3.9
Aroclor-1016-5	5.345	5.250	5.450	535.400	500.000	7.1
Aroclor-1260-1	6.378	6.285	6.485	495.310	500.000	-0.9
Aroclor-1260-2	6.567	6.473	6.673	486.650	500.000	-2.7
Aroclor-1260-3	6.720	6.627	6.827	527.060	500.000	5.4
Aroclor-1260-4	7.191	7.098	7.298	498.400	500.000	-0.3
Aroclor-1260-5	7.432	7.339	7.539	484.340	500.000	-3.1
Decachlorobiphenyl	8.839	8.749	8.949	49.450	50.000	-1.1
Tetrachloro-m-xylene	3.808	3.712	3.912	48.720	50.000	-2.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/06/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:30 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.22	10.24	10.14	10.34	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/06/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:30 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.38	6.39	6.29	6.49	0.01
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.84	8.85	8.75	8.95	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL02 Date Analyzed: 05/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP071815.D Time Analyzed: 16:30

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.662	5.571	5.771	449.440	500.000	-10.1
Aroclor-1016-2	5.683	5.593	5.793	446.130	500.000	-10.8
Aroclor-1016-3	5.746	5.654	5.854	445.440	500.000	-10.9
Aroclor-1016-4	5.843	5.752	5.952	447.340	500.000	-10.5
Aroclor-1016-5	6.135	6.045	6.245	449.910	500.000	-10.0
Aroclor-1260-1	7.255	7.165	7.365	476.360	500.000	-4.7
Aroclor-1260-2	7.508	7.418	7.618	470.540	500.000	-5.9
Aroclor-1260-3	7.866	7.777	7.977	459.710	500.000	-8.1
Aroclor-1260-4	8.091	8.002	8.202	441.090	500.000	-11.8
Aroclor-1260-5	8.411	8.322	8.522	459.970	500.000	-8.0
Decachlorobiphenyl	10.224	10.137	10.337	47.460	50.000	-5.1
Tetrachloro-m-xylene	4.508	4.417	4.617	45.250	50.000	-9.5

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL02 Date Analyzed: 05/06/2025

Lab Sample No.: AR1660CCC500 Data File : PP071815.D Time Analyzed: 16:30

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.890	4.798	4.998	490.230	500.000	-2.0
Aroclor-1016-2	4.907	4.816	5.016	469.630	500.000	-6.1
Aroclor-1016-3	5.085	4.993	5.193	482.800	500.000	-3.4
Aroclor-1016-4	5.127	5.036	5.236	472.050	500.000	-5.6
Aroclor-1016-5	5.341	5.250	5.450	513.160	500.000	2.6
Aroclor-1260-1	6.375	6.285	6.485	513.750	500.000	2.8
Aroclor-1260-2	6.563	6.473	6.673	505.100	500.000	1.0
Aroclor-1260-3	6.716	6.627	6.827	532.400	500.000	6.5
Aroclor-1260-4	7.187	7.098	7.298	498.560	500.000	-0.3
Aroclor-1260-5	7.429	7.339	7.539	489.620	500.000	-2.1
Decachlorobiphenyl	8.835	8.749	8.949	50.790	50.000	1.6
Tetrachloro-m-xylene	3.806	3.712	3.912	47.950	50.000	-4.1

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/07/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 10:04 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-3	(3)	5.74	5.75	5.65	5.85	0.01
Aroclor-1016-4	(4)	5.84	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.13	6.15	6.05	6.25	0.02
Aroclor-1260-1	(1)	7.25	7.27	7.17	7.37	0.02
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.86	7.88	7.78	7.98	0.02
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.22	10.24	10.14	10.34	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/07/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 10:04 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-4	(4)	5.12	5.14	5.04	5.24	0.02
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.37	6.39	6.29	6.49	0.02
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.71	6.73	6.63	6.83	0.02
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.02
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.83	8.85	8.75	8.95	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL03 Date Analyzed: 05/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP071835.D Time Analyzed: 10:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.657	5.571	5.771	447.310	500.000	-10.5
Aroclor-1016-2	5.680	5.593	5.793	491.530	500.000	-1.7
Aroclor-1016-3	5.743	5.654	5.854	486.440	500.000	-2.7
Aroclor-1016-4	5.840	5.752	5.952	490.090	500.000	-2.0
Aroclor-1016-5	6.133	6.045	6.245	477.650	500.000	-4.5
Aroclor-1260-1	7.252	7.165	7.365	428.970	500.000	-14.2
Aroclor-1260-2	7.505	7.418	7.618	436.270	500.000	-12.7
Aroclor-1260-3	7.864	7.777	7.977	467.010	500.000	-6.6
Aroclor-1260-4	8.088	8.002	8.202	429.700	500.000	-14.1
Aroclor-1260-5	8.407	8.322	8.522	442.650	500.000	-11.5
Decachlorobiphenyl	10.220	10.137	10.337	46.940	50.000	-6.1
Tetrachloro-m-xylene	4.506	4.417	4.617	48.110	50.000	-3.8

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL03 Date Analyzed: 05/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP071835.D Time Analyzed: 10:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.887	4.798	4.998	500.100	500.000	0.0
Aroclor-1016-2	4.906	4.816	5.016	524.070	500.000	4.8
Aroclor-1016-3	5.083	4.993	5.193	514.310	500.000	2.9
Aroclor-1016-4	5.124	5.036	5.236	524.310	500.000	4.9
Aroclor-1016-5	5.339	5.250	5.450	532.050	500.000	6.4
Aroclor-1260-1	6.372	6.285	6.485	514.800	500.000	3.0
Aroclor-1260-2	6.561	6.473	6.673	513.620	500.000	2.7
Aroclor-1260-3	6.713	6.627	6.827	507.560	500.000	1.5
Aroclor-1260-4	7.185	7.098	7.298	500.210	500.000	0.0
Aroclor-1260-5	7.426	7.339	7.539	490.350	500.000	-1.9
Decachlorobiphenyl	8.832	8.749	8.949	50.800	50.000	1.6
Tetrachloro-m-xylene	3.803	3.712	3.912	52.820	50.000	5.6

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/07/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 17:35 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-2	(2)	5.69	5.69	5.59	5.79	0.00
Aroclor-1016-3	(3)	5.75	5.75	5.65	5.85	0.00
Aroclor-1016-4	(4)	5.85	5.85	5.75	5.95	0.01
Aroclor-1016-5	(5)	6.14	6.15	6.05	6.25	0.01
Aroclor-1260-1	(1)	7.26	7.27	7.17	7.37	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.41	8.42	8.32	8.52	0.01
Tetrachloro-m-xylene		4.51	4.52	4.42	4.62	0.01
Decachlorobiphenyl		10.23	10.24	10.14	10.34	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Continuing Calib Date: 05/07/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 17:35 Initial Calibration Time(s): 10:29 17:49

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-3	(3)	5.08	5.09	4.99	5.19	0.01
Aroclor-1016-4	(4)	5.13	5.14	5.04	5.24	0.01
Aroclor-1016-5	(5)	5.34	5.35	5.25	5.45	0.01
Aroclor-1260-1	(1)	6.37	6.39	6.29	6.49	0.02
Aroclor-1260-2	(2)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-3	(3)	6.72	6.73	6.63	6.83	0.01
Aroclor-1260-4	(4)	7.19	7.20	7.10	7.30	0.01
Aroclor-1260-5	(5)	7.43	7.44	7.34	7.54	0.01
Tetrachloro-m-xylene		3.81	3.81	3.71	3.91	0.00
Decachlorobiphenyl		8.83	8.85	8.75	8.95	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL04 Date Analyzed: 05/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP071847.D Time Analyzed: 17:35

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.664	5.571	5.771	490.910	500.000	-1.8
Aroclor-1016-2	5.686	5.593	5.793	486.990	500.000	-2.6
Aroclor-1016-3	5.748	5.654	5.854	484.260	500.000	-3.1
Aroclor-1016-4	5.845	5.752	5.952	490.690	500.000	-1.9
Aroclor-1016-5	6.138	6.045	6.245	482.090	500.000	-3.6
Aroclor-1260-1	7.257	7.165	7.365	470.440	500.000	-5.9
Aroclor-1260-2	7.510	7.418	7.618	478.000	500.000	-4.4
Aroclor-1260-3	7.869	7.777	7.977	472.760	500.000	-5.4
Aroclor-1260-4	8.093	8.002	8.202	436.510	500.000	-12.7
Aroclor-1260-5	8.413	8.322	8.522	460.610	500.000	-7.9
Decachlorobiphenyl	10.225	10.137	10.337	48.570	50.000	-2.9
Tetrachloro-m-xylene	4.510	4.417	4.617	48.870	50.000	-2.3

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL04 Date Analyzed: 05/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP071847.D Time Analyzed: 17:35

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.889	4.798	4.998	503.880	500.000	0.8
Aroclor-1016-2	4.908	4.816	5.016	533.120	500.000	6.6
Aroclor-1016-3	5.084	4.993	5.193	516.770	500.000	3.4
Aroclor-1016-4	5.126	5.036	5.236	522.060	500.000	4.4
Aroclor-1016-5	5.341	5.250	5.450	514.370	500.000	2.9
Aroclor-1260-1	6.374	6.285	6.485	506.580	500.000	1.3
Aroclor-1260-2	6.563	6.473	6.673	500.570	500.000	0.1
Aroclor-1260-3	6.716	6.627	6.827	510.520	500.000	2.1
Aroclor-1260-4	7.187	7.098	7.298	519.530	500.000	3.9
Aroclor-1260-5	7.429	7.339	7.539	511.410	500.000	2.3
Decachlorobiphenyl	8.834	8.749	8.949	51.640	50.000	3.3
Tetrachloro-m-xylene	3.805	3.712	3.912	52.680	50.000	5.4

Analytical Sequence

Client: CDM Smith

SDG No.: Q1956

Project: Bergen Point Fueling System

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/22/2025

04/22/2025

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	04/22/2025	10:13	PP071388.D	10.23	4.51
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	10.23	4.51
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	10.23	4.51
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	10.24	4.52
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	10.23	4.51
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	10.24	4.52
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	10.23	4.51
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	10.23	4.52
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	10.23	4.51
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	10.24	4.52
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	10.24	4.51
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	10.23	4.51
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	10.24	4.52
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	10.24	4.52
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	10.24	4.52
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	10.24	4.51
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	10.24	4.51
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	10.24	4.51
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	10.24	4.52
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	10.24	4.52
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	10.24	4.52
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	10.23	4.51
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	10.24	4.51
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	10.24	4.52
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	10.24	4.51
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	10.23	4.52
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	10.24	4.52
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	10.24	4.52
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	10.24	4.51
AR1660CCC500	AR1660CCC500	05/06/2025	09:22	PP071800.D	10.24	4.52
IBLK	IBLK	05/06/2025	10:27	PP071804.D	10.22	4.51
PB167877BL	PB167877BL	05/06/2025	13:12	PP071807.D	10.22	4.51
PB167877BS	PB167877BS	05/06/2025	13:28	PP071808.D	10.22	4.51
SB1-3-4	Q1956-01	05/06/2025	13:45	PP071809.D	10.22	4.51
SB2-4-5	Q1956-02	05/06/2025	14:01	PP071810.D	10.22	4.51
SB2-4-5MS	Q1956-03MS	05/06/2025	14:18	PP071811.D	10.22	4.51
SB2-4-5MSD	Q1956-04MSD	05/06/2025	14:35	PP071812.D	10.22	4.51
SB91-3-4	Q1956-06	05/06/2025	14:51	PP071813.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/06/2025	16:30	PP071815.D	10.22	4.51
IBLK	IBLK	05/06/2025	17:51	PP071819.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/07/2025	10:04	PP071835.D	10.22	4.51
IBLK	IBLK	05/07/2025	11:30	PP071839.D	10.24	4.52

Analytical Sequence

PB167890BL	PB167890BL	05/07/2025	14:35	PP071840.D	10.22	4.51
PB167890BS	PB167890BS	05/07/2025	14:52	PP071841.D	10.22	4.51
PB167890BSD	PB167890BSD	05/07/2025	15:08	PP071842.D	10.22	4.51
FB-05022025	Q1956-07	05/07/2025	15:24	PP071843.D	10.22	4.51
AR1660CCC500	AR1660CCC500	05/07/2025	17:35	PP071847.D	10.23	4.51
LBLK	LBLK	05/07/2025	18:40	PP071851.D	10.22	4.51

Analytical Sequence

Client: CDM Smith

SDG No.: Q1956

Project: Bergen Point Fueling System

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/22/2025 04/22/2025

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	04/22/2025	10:13	PP071388.D	8.85	3.81
AR1660ICC1000	AR1660ICC1000	04/22/2025	10:29	PP071389.D	8.85	3.81
AR1660ICC750	AR1660ICC750	04/22/2025	10:45	PP071390.D	8.85	3.81
AR1660ICC500	AR1660ICC500	04/22/2025	11:02	PP071391.D	8.85	3.81
AR1660ICC250	AR1660ICC250	04/22/2025	11:18	PP071392.D	8.85	3.81
AR1660ICC050	AR1660ICC050	04/22/2025	11:34	PP071393.D	8.85	3.81
AR1221ICC500	AR1221ICC500	04/22/2025	11:51	PP071394.D	8.85	3.81
AR1232ICC500	AR1232ICC500	04/22/2025	12:07	PP071395.D	8.85	3.81
AR1242ICC1000	AR1242ICC1000	04/22/2025	12:23	PP071396.D	8.85	3.81
AR1242ICC750	AR1242ICC750	04/22/2025	12:39	PP071397.D	8.85	3.81
AR1242ICC500	AR1242ICC500	04/22/2025	12:56	PP071398.D	8.85	3.81
AR1242ICC250	AR1242ICC250	04/22/2025	13:12	PP071399.D	8.85	3.81
AR1242ICC050	AR1242ICC050	04/22/2025	13:28	PP071400.D	8.85	3.81
AR1248ICC1000	AR1248ICC1000	04/22/2025	13:45	PP071401.D	8.85	3.81
AR1248ICC750	AR1248ICC750	04/22/2025	14:01	PP071402.D	8.85	3.81
AR1248ICC500	AR1248ICC500	04/22/2025	14:17	PP071403.D	8.85	3.81
AR1248ICC250	AR1248ICC250	04/22/2025	14:33	PP071404.D	8.85	3.81
AR1248ICC050	AR1248ICC050	04/22/2025	14:50	PP071405.D	8.85	3.81
AR1254ICC1000	AR1254ICC1000	04/22/2025	15:06	PP071406.D	8.85	3.81
AR1254ICC750	AR1254ICC750	04/22/2025	15:22	PP071407.D	8.85	3.81
AR1254ICC500	AR1254ICC500	04/22/2025	15:38	PP071408.D	8.85	3.81
AR1254ICC250	AR1254ICC250	04/22/2025	15:55	PP071409.D	8.85	3.81
AR1254ICC050	AR1254ICC050	04/22/2025	16:11	PP071410.D	8.85	3.81
AR1262ICC500	AR1262ICC500	04/22/2025	16:27	PP071411.D	8.85	3.81
AR1268ICC1000	AR1268ICC1000	04/22/2025	16:44	PP071412.D	8.85	3.81
AR1268ICC750	AR1268ICC750	04/22/2025	17:00	PP071413.D	8.85	3.81
AR1268ICC500	AR1268ICC500	04/22/2025	17:16	PP071414.D	8.85	3.81
AR1268ICC250	AR1268ICC250	04/22/2025	17:33	PP071415.D	8.85	3.81
AR1268ICC050	AR1268ICC050	04/22/2025	17:49	PP071416.D	8.85	3.81
AR1660CCC500	AR1660CCC500	05/06/2025	09:22	PP071800.D	8.84	3.81
IBLK	IBLK	05/06/2025	10:27	PP071804.D	8.83	3.81
PB167877BL	PB167877BL	05/06/2025	13:12	PP071807.D	8.83	3.81
PB167877BS	PB167877BS	05/06/2025	13:28	PP071808.D	8.83	3.80
SB1-3-4	Q1956-01	05/06/2025	13:45	PP071809.D	8.83	3.81
SB2-4-5	Q1956-02	05/06/2025	14:01	PP071810.D	8.83	3.81
SB2-4-5MS	Q1956-03MS	05/06/2025	14:18	PP071811.D	8.83	3.81
SB2-4-5MSD	Q1956-04MSD	05/06/2025	14:35	PP071812.D	8.83	3.81
SB91-3-4	Q1956-06	05/06/2025	14:51	PP071813.D	8.83	3.81
AR1660CCC500	AR1660CCC500	05/06/2025	16:30	PP071815.D	8.84	3.81
IBLK	IBLK	05/06/2025	17:51	PP071819.D	8.83	3.81
AR1660CCC500	AR1660CCC500	05/07/2025	10:04	PP071835.D	8.83	3.80
IBLK	IBLK	05/07/2025	11:30	PP071839.D	8.84	3.81

Analytical Sequence

PB167890BL	PB167890BL	05/07/2025	14:35	PP071840.D	8.83	3.81
PB167890BS	PB167890BS	05/07/2025	14:52	PP071841.D	8.83	3.81
PB167890BSD	PB167890BSD	05/07/2025	15:08	PP071842.D	8.83	3.81
FB-05022025	Q1956-07	05/07/2025	15:24	PP071843.D	8.83	3.81
AR1660CCC500	AR1660CCC500	05/07/2025	17:35	PP071847.D	8.83	3.81
LBLK	LBLK	05/07/2025	18:40	PP071851.D	8.83	3.80



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167877BL	SDG No.:	Q1956
Lab Sample ID:	PB167877BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071807.D	1	05/06/25 08:55	05/06/25 13:12	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	17.0	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		32 - 144	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.6		32 - 175	123%	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:	CDM Smith		Date Collected:		
Project:	Bergen Point Fueling System		Date Received:		
Client Sample ID:	PB167890BL		SDG No.:	Q1956	
Lab Sample ID:	PB167890BL		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
PP071840.D	1	05/07/25 09:15	05/07/25 14:35	PB167890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		16 - 158	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		10 - 173	117%	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:	CDM Smith	Date Collected:	04/22/25
Project:	Bergen Point Fueling System	Date Received:	04/22/25
Client Sample ID:	PIBLK-PP071388.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PP071388.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
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
PP071388.D	1		04/22/25	PP042225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.1		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140	88%	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:	CDM Smith	Date Collected:	05/06/25
Project:	Bergen Point Fueling System	Date Received:	05/06/25
Client Sample ID:	PIBLK-PP071804.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PP071804.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
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
PP071804.D	1		05/06/25	PP050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.1		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		60 - 140	95%	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:	CDM Smith	Date Collected:	05/06/25
Project:	Bergen Point Fueling System	Date Received:	05/06/25
Client Sample ID:	PIBLK-PP071819.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PP071819.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
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
PP071819.D	1		05/06/25	PP050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140	93%	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:	CDM Smith	Date Collected:	05/07/25
Project:	Bergen Point Fueling System	Date Received:	05/07/25
Client Sample ID:	PIBLK-PP071839.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PP071839.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
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
PP071839.D	1		05/07/25	pp050725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		60 - 140	83%	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:	CDM Smith	Date Collected:	05/07/25
Project:	Bergen Point Fueling System	Date Received:	05/07/25
Client Sample ID:	PIBLK-PP071851.D	SDG No.:	Q1956
Lab Sample ID:	I.BLK-PP071851.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
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
PP071851.D	1		05/07/25	pp050725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 140	83%	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:	CDM Smith	Date Collected:	
Project:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167877BS	SDG No.:	Q1956
Lab Sample ID:	PB167877BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071808.D	1	05/06/25 08:55	05/06/25 13:28	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	152		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	151		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		32 - 144	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.1		32 - 175	121%	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:	CDM Smith	Date Collected:	
Project:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167890BS	SDG No.:	Q1956
Lab Sample ID:	PB167890BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071841.D	1	05/07/25 09:15	05/07/25 14:52	PB167890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.60		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	4.70		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		16 - 158	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		10 - 173	110%	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:	CDM Smith		Date Collected:		
Project:	Bergen Point Fueling System		Date Received:		
Client Sample ID:	PB167890BSD		SDG No.:	Q1956	
Lab Sample ID:	PB167890BSD		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
PP071842.D	1	05/07/25 09:15	05/07/25 15:08	PB167890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.70		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	4.70		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		16 - 158	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		10 - 173	111%	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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MS	SDG No.:	Q1956
Lab Sample ID:	Q1956-03MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.5
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071811.D	1	05/06/25 08:55	05/06/25 14:18	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	187		4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	18.2	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	18.2	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	18.2	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	18.2	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	89.5		3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	18.2	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	18.2	U	3.80	18.2	ug/kg
11096-82-5	Aroclor-1260	182		3.50	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.7		32 - 144	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		32 - 175	117%	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:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP071812.D	1	05/06/25 08:55	05/06/25 14:35	PB167877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	181		4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	18.2	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	18.2	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	18.2	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	18.2	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	91.5		3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	18.2	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	18.2	U	3.80	18.2	ug/kg
11096-82-5	Aroclor-1260	186		3.50	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		32 - 175	114%	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