CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	O3645	**OrderDate:**	7/17/2023 9:31:59 AM
Client:	LaBella Associates P.C.	**Project:**	Mackenna Parcels
Contact:	Andrew T. Benkleman	**Location:**	I11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O3645-01	**SB-02-(3-5)**	**SOIL**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-02	**SB-04-(1-5)**	**SOIL**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-03	**SB-07-(1-3)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-04	**SB-08-(0.5-2.0)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-05	**SB-09-(2.0-4.0)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-06	**SB-10-(0.5-2.0)**	**SOIL**			**07/13/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-07	**DUP**	**SOIL**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/18/23	
O3645-08	**RINSATE-BLANK**	**WATER**			**07/12/23**			**07/17/23**
			PCB Group1	8082A		07/18/23	07/19/23	

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Hit Summary Sheet
SW-846

SDG No.: O3645 **Order ID:** O3645

Client: LaBella Associates P.C. **Project ID:** Mackenna Parcels

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

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SAMPLE DATA

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-02-(3-5)	SDG No.:	O3645
Lab Sample ID:	O3645-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.3 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062351.D	1	07/18/23 09:10	07/18/23 17:29	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	19.7	U	4.10	19.7	ug/kg
11104-28-2	Aroclor-1221	19.7	U	6.80	19.7	ug/kg
11141-16-5	Aroclor-1232	19.7	U	5.20	19.7	ug/kg
53469-21-9	Aroclor-1242	19.7	U	3.60	19.7	ug/kg
12672-29-6	Aroclor-1248	19.7	U	3.30	19.7	ug/kg
11097-69-1	Aroclor-1254	19.7	U	4.30	19.7	ug/kg
37324-23-5	Aroclor-1262	19.7	U	3.10	19.7	ug/kg
11100-14-4	Aroclor-1268	19.7	U	3.80	19.7	ug/kg
11096-82-5	Aroclor-1260	19.7	U	3.90	19.7	ug/kg
Total PCBs	Total PCBs	19.7	U	6.60	19.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		40 - 162	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 176	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
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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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)	SDG No.:	O3645
Lab Sample ID:	O3645-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062352.D	1	07/18/23 09:10	07/18/23 17:44	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	18.6	U	3.90	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	6.40	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	4.90	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.40	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.10	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	4.10	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.00	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.60	18.6	ug/kg
11096-82-5	Aroclor-1260	18.6	U	3.70	18.6	ug/kg
Total PCBs	Total PCBs	18.6	U	6.30	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		40 - 162	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		32 - 176	102%	SPK: 20

Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-07-(1-3)	SDG No.:	O3645
Lab Sample ID:	O3645-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.5 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062353.D	1	07/18/23 09:10	07/18/23 17:58	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.3	U	4.50	21.3	ug/kg
11104-28-2	Aroclor-1221	21.3	U	7.40	21.3	ug/kg
11141-16-5	Aroclor-1232	21.3	U	5.70	21.3	ug/kg
53469-21-9	Aroclor-1242	21.3	U	3.90	21.3	ug/kg
12672-29-6	Aroclor-1248	21.3	U	3.50	21.3	ug/kg
11097-69-1	Aroclor-1254	21.3	U	4.70	21.3	ug/kg
37324-23-5	Aroclor-1262	21.3	U	3.40	21.3	ug/kg
11100-14-4	Aroclor-1268	21.3	U	4.10	21.3	ug/kg
11096-82-5	Aroclor-1260	21.3	U	4.20	21.3	ug/kg
Total PCBs	Total PCBs	21.3	U	7.20	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		40 - 162	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 176	102%	SPK: 20

Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-08-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	74.6 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062354.D	1	07/18/23 09:10	07/18/23 18:13	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	22.8	U	4.80	22.8	ug/kg
11104-28-2	Aroclor-1221	22.8	U	7.90	22.8	ug/kg
11141-16-5	Aroclor-1232	22.8	U	6.10	22.8	ug/kg
53469-21-9	Aroclor-1242	22.8	U	4.20	22.8	ug/kg
12672-29-6	Aroclor-1248	22.8	U	3.80	22.8	ug/kg
11097-69-1	Aroclor-1254	22.8	U	5.00	22.8	ug/kg
37324-23-5	Aroclor-1262	22.8	U	3.60	22.8	ug/kg
11100-14-4	Aroclor-1268	22.8	U	4.40	22.8	ug/kg
11096-82-5	Aroclor-1260	22.8	U	4.50	22.8	ug/kg
Total PCBs	Total PCBs	22.8	U	7.70	22.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.2		40 - 162	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		32 - 176	87%	SPK: 20

Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-09-(2.0-4.0)	SDG No.:	O3645
Lab Sample ID:	O3645-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062355.D	1	07/18/23 09:10	07/18/23 18:28	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.4	U	4.50	21.4	ug/kg
11104-28-2	Aroclor-1221	21.4	U	7.40	21.4	ug/kg
11141-16-5	Aroclor-1232	21.4	U	5.70	21.4	ug/kg
53469-21-9	Aroclor-1242	21.4	U	3.90	21.4	ug/kg
12672-29-6	Aroclor-1248	21.4	U	3.50	21.4	ug/kg
11097-69-1	Aroclor-1254	21.4	U	4.70	21.4	ug/kg
37324-23-5	Aroclor-1262	21.4	U	3.40	21.4	ug/kg
11100-14-4	Aroclor-1268	21.4	U	4.10	21.4	ug/kg
11096-82-5	Aroclor-1260	21.4	U	4.20	21.4	ug/kg
Total PCBs	Total PCBs	21.4	U	7.20	21.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		40 - 162	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.0		32 - 176	55%	SPK: 20

Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/13/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-10-(0.5-2.0)	SDG No.:	O3645
Lab Sample ID:	O3645-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	83.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062356.D	1	07/18/23 09:10	07/18/23 18:42	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	20.4	U	4.30	20.4	ug/kg
11104-28-2	Aroclor-1221	20.4	U	7.00	20.4	ug/kg
11141-16-5	Aroclor-1232	20.4	U	5.40	20.4	ug/kg
53469-21-9	Aroclor-1242	20.4	U	3.70	20.4	ug/kg
12672-29-6	Aroclor-1248	20.4	U	3.40	20.4	ug/kg
11097-69-1	Aroclor-1254	20.4	U	4.50	20.4	ug/kg
37324-23-5	Aroclor-1262	20.4	U	3.30	20.4	ug/kg
11100-14-4	Aroclor-1268	20.4	U	4.00	20.4	ug/kg
11096-82-5	Aroclor-1260	20.4	U	4.00	20.4	ug/kg
Total PCBs	Total PCBs	20.4	U	6.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.0		40 - 162	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		32 - 176	104%	SPK: 20

Comments:

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	DUP	SDG No.:	O3645
Lab Sample ID:	O3645-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	80.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062357.D	1	07/18/23 09:10	07/18/23 18:57	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	21.0	U	4.40	21.0	ug/kg
11104-28-2	Aroclor-1221	21.0	U	7.30	21.0	ug/kg
11141-16-5	Aroclor-1232	21.0	U	5.60	21.0	ug/kg
53469-21-9	Aroclor-1242	21.0	U	3.90	21.0	ug/kg
12672-29-6	Aroclor-1248	21.0	U	3.50	21.0	ug/kg
11097-69-1	Aroclor-1254	21.0	U	4.60	21.0	ug/kg
37324-23-5	Aroclor-1262	21.0	U	3.40	21.0	ug/kg
11100-14-4	Aroclor-1268	21.0	U	4.10	21.0	ug/kg
11096-82-5	Aroclor-1260	21.0	U	4.10	21.0	ug/kg
Total PCBs	Total PCBs	21.0	U	7.10	21.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		40 - 162	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.1		32 - 176	76%	SPK: 20

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	RINSATE-BLANK	SDG No.:	O3645
Lab Sample ID:	O3645-08	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062374.D	1	07/18/23 08:50	07/19/23 00:04	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
Total PCBs	Total PCBs	0.50	U	0.22	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		21 - 155	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		10 - 173	98%	SPK: 20

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QC SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Surrogate Summary

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PQ061834.D	PIBLK-PQ061834.D	Tetrachloro-m-xylene	1	20	20.0	100		60	140
		Decachlorobiphenyl	1	20	20.9	105		60	140
		Tetrachloro-m-xylene	2	20	20.3	101		60	140
		Decachlorobiphenyl	2	20	20.5	102		60	140
I.BLK-PQ062334.D	PIBLK-PQ062334.D	Tetrachloro-m-xylene	1	20	15.0	75		60	140
		Decachlorobiphenyl	1	20	17.2	86		60	140
		Tetrachloro-m-xylene	2	20	17.7	89		60	140
		Decachlorobiphenyl	2	20	18.5	92		60	140
PB154254BL	PB154254BL	Tetrachloro-m-xylene	1	20	17.0	85		40	162
		Decachlorobiphenyl	1	20	19.4	97		32	176
		Tetrachloro-m-xylene	2	20	19.1	96		40	162
		Decachlorobiphenyl	2	20	20.4	102		32	176
PB154254BS	PB154254BS	Tetrachloro-m-xylene	1	20	16.9	84		40	162
		Decachlorobiphenyl	1	20	19.0	95		32	176
		Tetrachloro-m-xylene	2	20	18.2	91		40	162
		Decachlorobiphenyl	2	20	19.8	99		32	176
I.BLK-PQ062346.D	PIBLK-PQ062346.D	Tetrachloro-m-xylene	1	20	15.9	79		60	140
		Decachlorobiphenyl	1	20	17.1	85		60	140
		Tetrachloro-m-xylene	2	20	18.4	92		60	140
		Decachlorobiphenyl	2	20	18.0	90		60	140
O3645-01	SB-02-(3-5)	Tetrachloro-m-xylene	1	20	19.6	98		40	162
		Decachlorobiphenyl	1	20	20.4	102		32	176
		Tetrachloro-m-xylene	2	20	22.2	111		40	162
		Decachlorobiphenyl	2	20	21.9	110		32	176
O3645-02	SB-04-(1-5)	Tetrachloro-m-xylene	1	20	19.9	99		40	162
		Decachlorobiphenyl	1	20	19.6	98		32	176
		Tetrachloro-m-xylene	2	20	22.0	110		40	162
		Decachlorobiphenyl	2	20	20.5	102		32	176
O3645-03	SB-07-(1-3)	Tetrachloro-m-xylene	1	20	19.3	96		40	162
		Decachlorobiphenyl	1	20	19.1	95		32	176
		Tetrachloro-m-xylene	2	20	22.1	110		40	162
		Decachlorobiphenyl	2	20	20.4	102		32	176
O3645-04	SB-08-(0.5-2.0)	Tetrachloro-m-xylene	1	20	19.6	98		40	162
		Decachlorobiphenyl	1	20	16.6	83		32	176
		Tetrachloro-m-xylene	2	20	22.2	111		40	162
		Decachlorobiphenyl	2	20	17.5	87		32	176
O3645-05	SB-09-(2.0-4.0)	Tetrachloro-m-xylene	1	20	15.9	80		40	162
		Decachlorobiphenyl	1	20	10.8	54		32	176
		Tetrachloro-m-xylene	2	20	17.9	89		40	162
		Decachlorobiphenyl	2	20	11.0	55		32	176
O3645-06	SB-10-(0.5-2.0)	Tetrachloro-m-xylene	1	20	22.0	110		40	162
		Decachlorobiphenyl	1	20	20.5	103		32	176
		Tetrachloro-m-xylene	2	20	20.7	104		40	162

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Surrogate Summary

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
O3645-06	SB-10-(0.5-2.0)	Decachlorobiphenyl	2	20	20.8	104		32	176
O3645-07	DUP	Tetrachloro-m-xylene	1	20	15.8	79		40	162
		Decachlorobiphenyl	1	20	14.0	70		32	176
		Tetrachloro-m-xylene	2	20	18.2	91		40	162
		Decachlorobiphenyl	2	20	15.1	76		32	176
O3645-09MS	SB-04-(1-5)MS	Tetrachloro-m-xylene	1	20	18.7	93		40	162
		Decachlorobiphenyl	1	20	18.7	93		32	176
		Tetrachloro-m-xylene	2	20	20.3	102		40	162
		Decachlorobiphenyl	2	20	19.7	98		32	176
O3645-10MSD	SB-04-(1-5)MSD	Tetrachloro-m-xylene	1	20	18.9	94		40	162
		Decachlorobiphenyl	1	20	19.0	95		32	176
		Tetrachloro-m-xylene	2	20	20.3	101		40	162
		Decachlorobiphenyl	2	20	19.7	99		32	176
I.BLK-PQ062368.D	PIBLK-PQ062368.D	Tetrachloro-m-xylene	1	20	16.7	84		60	140
		Decachlorobiphenyl	1	20	18.3	92		60	140
		Tetrachloro-m-xylene	2	20	19.3	96		60	140
		Decachlorobiphenyl	2	20	19.7	98		60	140
PB154263BL	PB154263BL	Tetrachloro-m-xylene	1	20	17.1	86		21	155
		Decachlorobiphenyl	1	20	19.8	99		10	173
		Tetrachloro-m-xylene	2	20	19.5	98		21	155
		Decachlorobiphenyl	2	20	21.1	106		10	173
PB154263BS	PB154263BS	Tetrachloro-m-xylene	1	20	17.4	87		21	155
		Decachlorobiphenyl	1	20	19.8	99		10	173
		Tetrachloro-m-xylene	2	20	18.9	95		21	155
		Decachlorobiphenyl	2	20	20.6	103		10	173
PB154263BSD	PB154263BSD	Tetrachloro-m-xylene	1	20	17.2	86		21	155
		Decachlorobiphenyl	1	20	19.9	100		10	173
		Tetrachloro-m-xylene	2	20	18.5	93		21	155
		Decachlorobiphenyl	2	20	21.0	105		10	173
O3645-08	RINSATE-BLANK	Tetrachloro-m-xylene	1	20	17.0	85		21	155
		Decachlorobiphenyl	1	20	18.3	91		10	173
		Tetrachloro-m-xylene	2	20	19.7	98		21	155
		Decachlorobiphenyl	2	20	19.6	98		10	173
I.BLK-PQ062377.D	PIBLK-PQ062377.D	Tetrachloro-m-xylene	1	20	16.9	84		60	140
		Decachlorobiphenyl	1	20	19.1	96		60	140
		Tetrachloro-m-xylene	2	20	19.7	99		60	140
		Decachlorobiphenyl	2	20	20.3	102		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **DataFile :** PQ062358.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SB-04-(1-5)MS**											
O3645-09MS	AR1016	182.2	0	182	ug/kg	100				70	142	
	AR1260	182.2	0	183	ug/kg	100				50	147	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **DataFile :** PQ062359.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**SB-04-(1-5)MSD**											
O3645-10MSD	AR1016	182.1	0	184	ug/kg	101		1		70	142	20
	AR1260	182.1	0	187	ug/kg	103		3		50	147	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **Datafile :** PQ062336.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB154254BS	AR1016	166.7	143	ug/kg	86				71	120	
	AR1260	166.7	151	ug/kg	91				65	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **Datafile :** PQ062371.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB154263BS	AR1016	5	4.40	ug/L	88				61	112	
	AR1260	5	4.60	ug/L	92				48	142	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O3645

Client: LaBella Associates P.C.

Analytical Method: 8082A **Datafile :** PQ062372.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB154263BSD	AR1016	5	4.30	ug/L	86	2			61	112	20
	AR1260	5	4.60	ug/L	92	0			48	142	20

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154254BL

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645

Lab Sample ID: PB154254BL Lab File ID: PQ062335.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 07/18/2023

Date Analyzed (1): 07/18/2023 Date Analyzed (2): 07/18/2023

Time Analyzed (1): 13:20 Time Analyzed (2): 13:20

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

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
PB154254BS	PB154254BS	PQ062336.D	07/18/2023	07/18/2023
SB-02-(3-5)	O3645-01	PQ062351.D	07/18/2023	07/18/2023
SB-04-(1-5)	O3645-02	PQ062352.D	07/18/2023	07/18/2023
SB-07-(1-3)	O3645-03	PQ062353.D	07/18/2023	07/18/2023
SB-08-(0.5-2.0)	O3645-04	PQ062354.D	07/18/2023	07/18/2023
SB-09-(2.0-4.0)	O3645-05	PQ062355.D	07/18/2023	07/18/2023
SB-10-(0.5-2.0)	O3645-06	PQ062356.D	07/18/2023	07/18/2023
DUP	O3645-07	PQ062357.D	07/18/2023	07/18/2023
SB-04-(1-5)MS	O3645-09MS	PQ062358.D	07/18/2023	07/18/2023
SB-04-(1-5)MSD	O3645-10MSD	PQ062359.D	07/18/2023	07/18/2023

COMMENTS:

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154263BL

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: O3645 SAS No.: O3645 SDG NO.: O3645

Lab Sample ID: PB154263BL Lab File ID: PQ062370.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 07/18/2023

Date Analyzed (1): 07/18/2023 Date Analyzed (2): 07/18/2023

Time Analyzed (1): 23:06 Time Analyzed (2): 23:06

Instrument ID (1): ECD_Q Instrument ID (2): ECD_Q

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
PB154263BS	PB154263BS	PQ062371.D	07/18/2023	07/18/2023
PB154263BSD	PB154263BSD	PQ062372.D	07/18/2023	07/18/2023
RINSATE-BLANK	O3645-08	PQ062374.D	07/19/2023	07/19/2023

COMMENTS:

CHEMTECH

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: RT 1000 = PQ061835.D RT 750 = PQ061836.D

RT 500 = PQ061837.D RT 250 = PQ061838.D RT 050 = PQ061839.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.51	4.51	4.50	4.51	4.51	4.51	4.41	4.61
Aroclor-1016-2	(2)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1016-3	(3)	4.58	4.58	4.58	4.58	4.58	4.58	4.48	4.68
Aroclor-1016-4	(4)	4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1016-5	(5)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1260-1	(1)	6.06	6.06	6.06	6.06	6.06	6.06	5.96	6.16
Aroclor-1260-2	(2)	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	6.89	6.89	6.89	6.89	6.89	6.89	6.79	6.99
Aroclor-1260-5	(5)	7.21	7.21	7.20	7.20	7.20	7.20	7.10	7.30
Decachlorobiphenyl		8.58	8.59	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene		3.41	3.41	3.40	3.41	3.40	3.41	3.31	3.51
Aroclor-1242-1	(1)	4.51	4.51	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1242-2	(2)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1242-3	(3)	4.58	4.58	4.58	4.58	4.58	4.58	4.48	4.68
Aroclor-1242-4	(4)	4.67	4.67	4.67	4.67	4.67	4.67	4.57	4.77
Aroclor-1242-5	(5)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Decachlorobiphenyl		8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene		3.40	3.41	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1248-1	(1)	4.51	4.52	4.50	4.50	4.51	4.51	4.41	4.61
Aroclor-1248-2	(2)	4.77	4.79	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1248-3	(3)	4.96	4.98	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1248-4	(4)	5.35	5.37	5.35	5.35	5.35	5.36	5.26	5.46
Aroclor-1248-5	(5)	5.39	5.41	5.39	5.39	5.39	5.39	5.29	5.49
Decachlorobiphenyl		8.58	8.60	8.58	8.58	8.58	8.59	8.49	8.69
Tetrachloro-m-xylene		3.40	3.42	3.40	3.40	3.40	3.41	3.31	3.51
Aroclor-1254-1	(1)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1254-2	(2)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1254-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1254-4	(4)	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
Aroclor-1254-5	(5)	6.60	6.60	6.59	6.60	6.60	6.60	6.50	6.70
Decachlorobiphenyl		8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1268-1	(1)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1268-2	(2)	7.56	7.56	7.56	7.56	7.56	7.56	7.46	7.66
Aroclor-1268-3	(3)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-4	(4)	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Aroclor-1268-5	(5)	8.35	8.35	8.35	8.35	8.35	8.35	8.25	8.45

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Tetrachloro-m-xylene	3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: RT 1000 = PQ061835.D RT 750 = PQ061836.D

RT 500 = PQ061837.D RT 250 = PQ061838.D RT 050 = PQ061839.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.76	3.76	3.76	3.76	3.76	3.76	3.66	3.86
Aroclor-1016-2	(2)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1016-3	(3)	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Aroclor-1016-4	(4)	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
Aroclor-1016-5	(5)	4.18	4.18	4.18	4.18	4.18	4.18	4.08	4.28
Aroclor-1260-1	(1)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1260-2	(2)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1260-3	(3)	5.51	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Aroclor-1260-4	(4)	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Aroclor-1260-5	(5)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1242-1	(1)	3.76	3.76	3.76	3.76	3.76	3.76	3.66	3.86
Aroclor-1242-2	(2)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-3	(3)	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Aroclor-1242-4	(4)	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Aroclor-1242-5	(5)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1248-1	(1)	3.76	3.76	3.76	3.76	3.76	3.76	3.66	3.86
Aroclor-1248-2	(2)	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
Aroclor-1248-3	(3)	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Aroclor-1248-4	(4)	4.18	4.18	4.18	4.18	4.18	4.18	4.08	4.28
Aroclor-1248-5	(5)	4.55	4.55	4.55	4.56	4.55	4.55	4.45	4.65
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1254-1	(1)	4.52	4.52	4.52	4.52	4.52	4.52	4.42	4.62
Aroclor-1254-2	(2)	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-3	(3)	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Aroclor-1254-4	(4)	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
Aroclor-1254-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86
Aroclor-1268-1	(1)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1268-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1268-3	(3)	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Aroclor-1268-4	(4)	7.04	7.05	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1268-5	(5)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene	2.76	2.76	2.76	2.76	2.76	2.76	2.66	2.86

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: **CF 1000 =** PQ061835.D **CF 750 =** PQ061836.D

CF 500 = PQ061837.D **CF 250 =** PQ061838.D **CF 050 =** PQ061839.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	165606472	168587108	168279828	173074120	148042080	164717922	6
Aroclor-1016-2	(2)	247560975	249293749	253818164	255974056	229694860	247268361	4
Aroclor-1016-3	(3)	150077294	151886135	155061318	159342292	145661180	152405644	3
Aroclor-1016-4	(4)	124334874	126646800	127062662	128148620	120533360	125345263	2
Aroclor-1016-5	(5)	119371211	120721977	123605514	127074876	117810760	121716868	3
Aroclor-1260-1	(1)	231814227	235194988	240387124	246556300	225705360	235931600	3
Aroclor-1260-2	(2)	279196652	283551855	291520792	302056716	287736360	288812475	3
Aroclor-1260-3	(3)	173388700	176639817	179706544	182823904	170323020	176576397	3
Aroclor-1260-4	(4)	210284099	210424784	214539528	217817712	200182560	210649737	3
Aroclor-1260-5	(5)	412460898	413449515	416848222	422145980	388140340	410608991	3
Decachlorobiphenyl		3560536330	3598491653	3708541760	3812346240	3483867600	3632756717	4
Tetrachloro-m-xylene		4971885790	5007263680	5010988940	4997077760	4403745600	4878192354	5
Aroclor-1242-1	(1)	124524411	126682077	133440674	140965868	127907400	130704086	5
Aroclor-1242-2	(2)	184136155	188234016	198320918	205515132	194485600	194138364	4
Aroclor-1242-3	(3)	113505199	115500193	122524800	127344280	125346160	120844126	5
Aroclor-1242-4	(4)	93901035	95558696	100364786	103374896	94229320	97485747	4
Aroclor-1242-5	(5)	95677681	97879572	101772924	102714020	80606100	95730059	9
Decachlorobiphenyl		3533771350	3610739173	3802574500	3962058280	3805163600	3742861381	5
Tetrachloro-m-xylene		4950194780	5004502187	5187781380	5287630280	4912333200	5068488365	3
Aroclor-1248-1	(1)	101532881	103687529	108736062	112130504	93806240	103978643	7
Aroclor-1248-2	(2)	134889130	139425571	147651332	153806584	142537960	143662115	5
Aroclor-1248-3	(3)	164978029	170853717	179018774	187073532	166639960	173712802	5
Aroclor-1248-4	(4)	185288890	189404373	199301686	204440340	181217120	191930482	5
Aroclor-1248-5	(5)	180028262	184065977	192382298	197077708	152056120	181122073	10
Decachlorobiphenyl		3664865420	3781469267	3950746120	4071747840	3769946600	3847755049	4
Tetrachloro-m-xylene		5090313230	5180775573	5376645620	5365159400	4583519000	5119282565	6
Aroclor-1254-1	(1)	174947235	182221152	189004822	201060728	181872800	185821347	5
Aroclor-1254-2	(2)	272892699	284048927	295200784	312967580	288454940	290712986	5
Aroclor-1254-3	(3)	291946447	302580463	313643486	329864396	297666480	307140254	5
Aroclor-1254-4	(4)	218598125	226803107	234355736	246201544	235006600	232193022	4
Aroclor-1254-5	(5)	246047511	255897805	263067528	274909848	244428160	256870170	5
Decachlorobiphenyl		3513306230	3668168107	3822823440	4035338440	3590789200	3726085083	6
Tetrachloro-m-xylene		4921362040	5059775373	5165316320	5320773480	4580343800	5009514203	6
Aroclor-1268-1	(1)	531388133	566293227	576692258	604194540	558824420	567478516	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	480782556	512147229	521329926	541591684	493512160	509872711	5
Aroclor-1268-3	(3)	403398958	426826568	435636530	454506476	413495000	426772706	5
Aroclor-1268-4	(4)	170693328	182408305	187404518	195352812	179066320	182985057	5
Aroclor-1268-5	(5)	1210434141	1274612009	1285398726	1327423944	1205895980	1260752960	4
Decachlorobiphenyl		5706612520	6040381307	6203210740	6528972000	6022348400	6100304993	5
Tetrachloro-m-xylene		4440312980	4976652440	5029655640	5154754000	4574560600	4835187132	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Calibration Date(s):** 07/01/2023 07/01/2023

Calibration Times: 03:04 09:39

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

LAB FILE ID: **CF 1000 =** PQ061835.D **CF 750 =** PQ061836.D

CF 500 = PQ061837.D **CF 250 =** PQ061838.D **CF 050 =** PQ061839.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	95059022	100157919	99799326	105174560	94686200	98975405	4
Aroclor-1016-2	(2)	140213069	146382796	145788530	149864596	138745900	144198978	3
Aroclor-1016-3	(3)	74786721	75833213	78160364	80901460	67531680	75442688	7
Aroclor-1016-4	(4)	63418735	64095188	68213824	70076988	62590960	65679139	5
Aroclor-1016-5	(5)	78296673	79238107	84420330	87299528	80653440	81981616	5
Aroclor-1260-1	(1)	161890943	164359937	167452506	174667128	164395480	166553199	3
Aroclor-1260-2	(2)	201684425	202946975	205146426	212979324	216973060	207946042	3
Aroclor-1260-3	(3)	191493597	193267276	193234216	199942564	194855680	194558667	2
Aroclor-1260-4	(4)	143361581	144799459	146642604	151842772	142661280	145861539	3
Aroclor-1260-5	(5)	331016196	331550343	341865748	339399112	316463560	332058992	3
Decachlorobiphenyl		3244904370	3282789987	3379152400	3447802080	3306245600	3332178887	2
Tetrachloro-m-xylene		2594635550	2551389520	2556156360	2576840440	2266505800	2509105534	5
Aroclor-1242-1	(1)	73698107	74437112	79858234	80347240	78354680	77339075	4
Aroclor-1242-2	(2)	108257772	107835555	112148394	116909188	110642440	111158670	3
Aroclor-1242-3	(3)	57751145	56938439	60424816	62094336	55671540	58576055	4
Aroclor-1242-4	(4)	55063545	55221313	59163236	62162688	61530100	58628176	6
Aroclor-1242-5	(5)	78281292	78798571	85166684	87316496	84900040	82892617	5
Decachlorobiphenyl		3229344350	3289877853	3455487080	3591382080	3447112400	3402640753	4
Tetrachloro-m-xylene		2528835730	2565765880	2677311680	2755265760	2475753000	2600586410	4
Aroclor-1248-1	(1)	60440678	61539253	64431884	68004820	58185180	62520363	6
Aroclor-1248-2	(2)	89666096	90573249	99854226	100027184	88723080	93768767	6
Aroclor-1248-3	(3)	86657239	87438648	95906086	96140928	86575700	90543720	6
Aroclor-1248-4	(4)	107902999	109888035	117922082	120961700	107522420	112839447	5
Aroclor-1248-5	(5)	109111515	110888256	116446744	118957708	104758760	112032597	5
Decachlorobiphenyl		3342610600	3429675080	3552526200	3654544480	3358565400	3467584352	4
Tetrachloro-m-xylene		2678444770	2696577307	2804395640	2821488920	2377414200	2675664167	7
Aroclor-1254-1	(1)	151435820	159158548	165411510	173122860	158185340	161462816	5
Aroclor-1254-2	(2)	137765424	144324716	151964748	159613020	142455180	147224618	6
Aroclor-1254-3	(3)	223111474	230822475	238332084	248809572	227429620	233701045	4
Aroclor-1254-4	(4)	144872408	150280927	154715092	162566192	149636640	152414252	4
Aroclor-1254-5	(5)	222142384	229320547	236798280	245922724	219797940	230796375	5
Decachlorobiphenyl		3224437400	3348442893	3455695460	3635268600	3249297200	3382628311	5
Tetrachloro-m-xylene		2568073960	2671571387	2735483240	2796189240	2386017000	2631466965	6
Aroclor-1268-1	(1)	433587545	470156204	480606830	499635636	468700980	470537439	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	394473975	427250947	436152456	450464948	410168000	423702065	5
Aroclor-1268-3	(3)	341277649	368810072	377986076	392360544	361163780	368319624	5
Aroclor-1268-4	(4)	146834989	160380248	163835508	170793916	157836920	159936316	6
Aroclor-1268-5	(5)	1093539582	1185840700	1196216218	1241444432	1117723940	1166952974	5
Decachlorobiphenyl		5085668100	5517473467	5647781640	5933945560	5533657000	5543705153	6
Tetrachloro-m-xylene		2291736150	2609303413	2671391600	2725314320	2333966400	2526342377	8

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Date(s) Analyzed:** 07/01/2023 07/01/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.61	3.51	3.71	60107800
		2	3.68	3.58	3.78	44932600
		3	3.75	3.65	3.85	140518000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.75	3.65	3.85	105601000
		2	4.25	4.15	4.35	59151200
		3	4.52	4.42	4.62	113081000
		4	4.67	4.57	4.77	56666400
		5	4.77	4.67	4.87	40050000
Aroclor-1262	500	1	6.68	6.58	6.78	304942000
		2	7.20	7.10	7.30	526714000
		3	7.48	7.38	7.58	352304000
		4	7.55	7.45	7.65	266720000
		5	8.06	7.96	8.16	177509000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Instrument ID: ECD_Q **Date(s) Analyzed:** 07/01/2023 07/01/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	2.96	2.86	3.06	32996600
		2	3.04	2.94	3.14	25400000
		3	3.11	3.01	3.21	77090800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.11	3.01	3.21	57298600
		2	3.78	3.68	3.88	66555000
		3	3.94	3.84	4.04	34555000
		4	4.02	3.92	4.12	29739800
		5	4.18	4.08	4.28	35660800
Aroclor-1262	500	1	5.72	5.62	5.82	232472000
		2	5.97	5.87	6.07	216208000
		3	6.49	6.39	6.59	174328000
		4	6.55	6.45	6.65	322294000
		5	7.04	6.94	7.14	155115000

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 10:46 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.51	4.50	4.40	4.60	-0.01
Aroclor-1016-2	(2)	4.53	4.52	4.42	4.62	-0.01
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.33	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	6.90	6.89	6.79	6.99	-0.01
Aroclor-1260-5	(5)	7.21	7.20	7.10	7.30	-0.01
Tetrachloro-m-xylene		3.41	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.59	8.58	8.48	8.68	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 10:46 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.76	2.76	2.66	2.86	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL01 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062330.D **Time Analyzed:** 10:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.506	4.404	4.604	435.010	500.000	-13.0
Aroclor-1016-2	4.525	4.424	4.624	440.300	500.000	-11.9
Aroclor-1016-3	4.582	4.481	4.681	447.110	500.000	-10.6
Aroclor-1016-4	4.674	4.573	4.773	448.020	500.000	-10.4
Aroclor-1016-5	4.961	4.860	5.060	451.440	500.000	-9.7
Aroclor-1260-1	6.064	5.963	6.163	458.520	500.000	-8.3
Aroclor-1260-2	6.325	6.223	6.423	459.870	500.000	-8.0
Aroclor-1260-3	6.679	6.576	6.776	467.690	500.000	-6.5
Aroclor-1260-4	6.896	6.793	6.993	472.830	500.000	-5.4
Aroclor-1260-5	7.207	7.104	7.304	467.990	500.000	-6.4
Decachlorobiphenyl	8.588	8.484	8.684	45.830	50.000	-8.3
Tetrachloro-m-xylene	3.405	3.304	3.504	41.930	50.000	-16.1

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL01 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062330.D **Time Analyzed:** 10:46

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.757	3.661	3.861	476.630	500.000	-4.7
Aroclor-1016-2	3.772	3.676	3.876	480.140	500.000	-4.0
Aroclor-1016-3	3.932	3.836	4.036	476.220	500.000	-4.8
Aroclor-1016-4	3.982	3.886	4.086	466.920	500.000	-6.6
Aroclor-1016-5	4.176	4.080	4.280	471.460	500.000	-5.7
Aroclor-1260-1	5.169	5.073	5.273	505.480	500.000	1.1
Aroclor-1260-2	5.360	5.263	5.463	497.450	500.000	-0.5
Aroclor-1260-3	5.500	5.404	5.604	508.590	500.000	1.7
Aroclor-1260-4	5.962	5.867	6.067	503.010	500.000	0.6
Aroclor-1260-5	6.210	6.113	6.313	507.420	500.000	1.5
Decachlorobiphenyl	7.526	7.429	7.629	49.070	50.000	-1.9
Tetrachloro-m-xylene	2.756	2.659	2.859	47.800	50.000	-4.4

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 15:47 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	6.89	6.89	6.79	6.99	0.00
Aroclor-1260-5	(5)	7.20	7.20	7.10	7.30	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.58	8.58	8.48	8.68	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 15:47 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.76	2.76	2.66	2.86	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL02 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062344.D **Time Analyzed:** 15:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.404	4.604	455.760	500.000	-8.8
Aroclor-1016-2	4.521	4.424	4.624	449.340	500.000	-10.1
Aroclor-1016-3	4.579	4.481	4.681	451.930	500.000	-9.6
Aroclor-1016-4	4.671	4.573	4.773	454.100	500.000	-9.2
Aroclor-1016-5	4.958	4.860	5.060	464.250	500.000	-7.2
Aroclor-1260-1	6.060	5.963	6.163	459.120	500.000	-8.2
Aroclor-1260-2	6.321	6.223	6.423	456.430	500.000	-8.7
Aroclor-1260-3	6.674	6.576	6.776	465.460	500.000	-6.9
Aroclor-1260-4	6.891	6.793	6.993	469.240	500.000	-6.2
Aroclor-1260-5	7.203	7.104	7.304	472.820	500.000	-5.4
Decachlorobiphenyl	8.582	8.484	8.684	45.700	50.000	-8.6
Tetrachloro-m-xylene	3.402	3.304	3.504	44.040	50.000	-11.9

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL02 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062344.D **Time Analyzed:** 15:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.757	3.661	3.861	474.100	500.000	-5.2
Aroclor-1016-2	3.772	3.676	3.876	482.260	500.000	-3.5
Aroclor-1016-3	3.932	3.836	4.036	474.720	500.000	-5.1
Aroclor-1016-4	3.982	3.886	4.086	471.680	500.000	-5.7
Aroclor-1016-5	4.176	4.080	4.280	466.770	500.000	-6.6
Aroclor-1260-1	5.169	5.073	5.273	484.360	500.000	-3.1
Aroclor-1260-2	5.360	5.263	5.463	476.990	500.000	-4.6
Aroclor-1260-3	5.500	5.404	5.604	489.360	500.000	-2.1
Aroclor-1260-4	5.962	5.867	6.067	498.090	500.000	-0.4
Aroclor-1260-5	6.209	6.113	6.313	501.990	500.000	0.4
Decachlorobiphenyl	7.525	7.429	7.629	48.730	50.000	-2.5
Tetrachloro-m-xylene	2.756	2.659	2.859	49.150	50.000	-1.7

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 21:53 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	6.89	6.89	6.79	6.99	0.00
Aroclor-1260-5	(5)	7.20	7.20	7.10	7.30	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.58	8.58	8.48	8.68	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/18/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 21:53 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.76	2.76	2.66	2.86	0.00
Decachlorobiphenyl		7.52	7.53	7.43	7.63	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL03 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062366.D **Time Analyzed:** 21:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.404	4.604	468.090	500.000	-6.4
Aroclor-1016-2	4.521	4.424	4.624	462.940	500.000	-7.4
Aroclor-1016-3	4.579	4.481	4.681	461.900	500.000	-7.6
Aroclor-1016-4	4.671	4.573	4.773	467.300	500.000	-6.5
Aroclor-1016-5	4.958	4.860	5.060	470.260	500.000	-5.9
Aroclor-1260-1	6.061	5.963	6.163	469.520	500.000	-6.1
Aroclor-1260-2	6.321	6.223	6.423	468.840	500.000	-6.2
Aroclor-1260-3	6.675	6.576	6.776	472.030	500.000	-5.6
Aroclor-1260-4	6.891	6.793	6.993	474.710	500.000	-5.1
Aroclor-1260-5	7.203	7.104	7.304	486.590	500.000	-2.7
Decachlorobiphenyl	8.581	8.484	8.684	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.401	3.304	3.504	45.410	50.000	-9.2

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL03 **Date Analyzed:** 07/18/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062366.D **Time Analyzed:** 21:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.756	3.661	3.861	478.180	500.000	-4.4
Aroclor-1016-2	3.772	3.676	3.876	478.850	500.000	-4.2
Aroclor-1016-3	3.931	3.836	4.036	472.580	500.000	-5.5
Aroclor-1016-4	3.981	3.886	4.086	469.160	500.000	-6.2
Aroclor-1016-5	4.175	4.080	4.280	478.220	500.000	-4.4
Aroclor-1260-1	5.169	5.073	5.273	499.800	500.000	0.0
Aroclor-1260-2	5.359	5.263	5.463	495.400	500.000	-0.9
Aroclor-1260-3	5.500	5.404	5.604	500.630	500.000	0.1
Aroclor-1260-4	5.961	5.867	6.067	507.020	500.000	1.4
Aroclor-1260-5	6.208	6.113	6.313	515.780	500.000	3.2
Decachlorobiphenyl	7.524	7.429	7.629	50.960	50.000	1.9
Tetrachloro-m-xylene	2.755	2.659	2.859	50.060	50.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/19/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 01:03 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-2	(2)	4.52	4.52	4.42	4.62	0.00
Aroclor-1016-3	(3)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-4	(4)	4.67	4.67	4.57	4.77	0.00
Aroclor-1016-5	(5)	4.96	4.96	4.86	5.06	0.00
Aroclor-1260-1	(1)	6.06	6.06	5.96	6.16	0.00
Aroclor-1260-2	(2)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	6.89	6.89	6.79	6.99	0.00
Aroclor-1260-5	(5)	7.20	7.20	7.10	7.30	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.58	8.58	8.48	8.68	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

Continuing Calib Date: 07/19/2023 **Initial Calibration Date(s):** 07/01/2023 07/01/2023

Continuing Calib Time: 01:03 **Initial Calibration Time(s):** 03:04 09:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	3.76	3.76	3.66	3.86	0.00
Aroclor-1016-2	(2)	3.77	3.78	3.68	3.88	0.01
Aroclor-1016-3	(3)	3.93	3.94	3.84	4.04	0.01
Aroclor-1016-4	(4)	3.98	3.99	3.89	4.09	0.01
Aroclor-1016-5	(5)	4.18	4.18	4.08	4.28	0.00
Aroclor-1260-1	(1)	5.17	5.17	5.07	5.27	0.00
Aroclor-1260-2	(2)	5.36	5.36	5.26	5.46	0.00
Aroclor-1260-3	(3)	5.50	5.50	5.40	5.60	0.00
Aroclor-1260-4	(4)	5.96	5.97	5.87	6.07	0.01
Aroclor-1260-5	(5)	6.21	6.21	6.11	6.31	0.00
Tetrachloro-m-xylene		2.75	2.76	2.66	2.86	0.01
Decachlorobiphenyl		7.52	7.53	7.43	7.63	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL04 **Date Analyzed:** 07/19/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062375.D **Time Analyzed:** 01:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.502	4.404	4.604	473.080	500.000	-5.4
Aroclor-1016-2	4.521	4.424	4.624	474.550	500.000	-5.1
Aroclor-1016-3	4.579	4.481	4.681	479.470	500.000	-4.1
Aroclor-1016-4	4.671	4.573	4.773	474.200	500.000	-5.2
Aroclor-1016-5	4.958	4.860	5.060	479.590	500.000	-4.1
Aroclor-1260-1	6.060	5.963	6.163	476.510	500.000	-4.7
Aroclor-1260-2	6.321	6.223	6.423	477.840	500.000	-4.4
Aroclor-1260-3	6.674	6.576	6.776	485.550	500.000	-2.9
Aroclor-1260-4	6.892	6.793	6.993	490.150	500.000	-2.0
Aroclor-1260-5	7.203	7.104	7.304	500.690	500.000	0.1
Decachlorobiphenyl	8.581	8.484	8.684	50.190	50.000	0.4
Tetrachloro-m-xylene	3.402	3.304	3.504	46.580	50.000	-6.8

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM **Case No.:** O3645 **SAS No.:** O3645 **SDG NO.:** O3645

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2023 07/01/2023

Client Sample No.: CCAL04 **Date Analyzed:** 07/19/2023

Lab Sample No.: AR1660CCC500 **Data File :** PQ062375.D **Time Analyzed:** 01:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.757	3.661	3.861	493.100	500.000	-1.4
Aroclor-1016-2	3.772	3.676	3.876	495.660	500.000	-0.9
Aroclor-1016-3	3.932	3.836	4.036	488.310	500.000	-2.3
Aroclor-1016-4	3.981	3.886	4.086	484.780	500.000	-3.0
Aroclor-1016-5	4.176	4.080	4.280	491.390	500.000	-1.7
Aroclor-1260-1	5.168	5.073	5.273	500.750	500.000	0.2
Aroclor-1260-2	5.360	5.263	5.463	495.220	500.000	-1.0
Aroclor-1260-3	5.500	5.404	5.604	498.740	500.000	-0.3
Aroclor-1260-4	5.962	5.867	6.067	506.020	500.000	1.2
Aroclor-1260-5	6.208	6.113	6.313	521.170	500.000	4.2
Decachlorobiphenyl	7.524	7.429	7.629	54.260	50.000	8.5
Tetrachloro-m-xylene	2.754	2.659	2.859	52.260	50.000	4.5

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: LaBella Associates P.C. **SDG No.:** O3645

Project: Mackenna Parcels **Instrument ID:** ECD_Q

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/01/2023 07/01/2023

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 #
I.BLK	I.BLK	07/01/2023	02:49	PQ061834.D	8.59	3.40
AR1660ICC1000	AR1660ICC1000	07/01/2023	03:04	PQ061835.D	8.58	3.41
AR1660ICC750	AR1660ICC750	07/01/2023	03:18	PQ061836.D	8.59	3.41
AR1660ICC500	AR1660ICC500	07/01/2023	03:33	PQ061837.D	8.58	3.40
AR1660ICC250	AR1660ICC250	07/01/2023	03:48	PQ061838.D	8.58	3.41
AR1660ICC050	AR1660ICC050	07/01/2023	04:02	PQ061839.D	8.58	3.40
AR1221ICC500	AR1221ICC500	07/01/2023	04:17	PQ061840.D	8.58	3.40
AR1232ICC500	AR1232ICC500	07/01/2023	04:31	PQ061841.D	8.58	3.40
AR1242ICC1000	AR1242ICC1000	07/01/2023	04:46	PQ061842.D	8.58	3.40
AR1242ICC750	AR1242ICC750	07/01/2023	05:01	PQ061843.D	8.58	3.41
AR1242ICC500	AR1242ICC500	07/01/2023	05:15	PQ061844.D	8.58	3.40
AR1242ICC250	AR1242ICC250	07/01/2023	05:30	PQ061845.D	8.58	3.40
AR1242ICC050	AR1242ICC050	07/01/2023	05:45	PQ061846.D	8.58	3.40
AR1248ICC1000	AR1248ICC1000	07/01/2023	05:59	PQ061847.D	8.58	3.40
AR1248ICC750	AR1248ICC750	07/01/2023	06:14	PQ061848.D	8.60	3.42
AR1248ICC500	AR1248ICC500	07/01/2023	06:28	PQ061849.D	8.58	3.40
AR1248ICC250	AR1248ICC250	07/01/2023	06:43	PQ061850.D	8.58	3.40
AR1248ICC050	AR1248ICC050	07/01/2023	06:58	PQ061851.D	8.58	3.40
AR1254ICC1000	AR1254ICC1000	07/01/2023	07:12	PQ061852.D	8.58	3.40
AR1254ICC750	AR1254ICC750	07/01/2023	07:27	PQ061853.D	8.58	3.40
AR1254ICC500	AR1254ICC500	07/01/2023	07:42	PQ061854.D	8.58	3.40
AR1254ICC250	AR1254ICC250	07/01/2023	07:56	PQ061855.D	8.58	3.40
AR1254ICC050	AR1254ICC050	07/01/2023	08:11	PQ061856.D	8.58	3.40
AR1262ICC500	AR1262ICC500	07/01/2023	08:25	PQ061857.D	8.58	3.40
AR1268ICC1000	AR1268ICC1000	07/01/2023	08:40	PQ061858.D	8.58	3.40
AR1268ICC750	AR1268ICC750	07/01/2023	08:55	PQ061859.D	8.58	3.40
AR1268ICC500	AR1268ICC500	07/01/2023	09:09	PQ061860.D	8.58	3.40
AR1268ICC250	AR1268ICC250	07/01/2023	09:24	PQ061861.D	8.58	3.40
AR1268ICC050	AR1268ICC050	07/01/2023	09:39	PQ061862.D	8.58	3.40
AR1660CCC500	AR1660CCC500	07/18/2023	10:46	PQ062330.D	8.59	3.41
I.BLK	I.BLK	07/18/2023	11:44	PQ062334.D	8.58	3.40
PB154254BL	PB154254BL	07/18/2023	13:20	PQ062335.D	8.59	3.41
PB154254BS	PB154254BS	07/18/2023	13:35	PQ062336.D	8.59	3.40
AR1660CCC500	AR1660CCC500	07/18/2023	15:47	PQ062344.D	8.58	3.40
I.BLK	I.BLK	07/18/2023	16:16	PQ062346.D	8.58	3.40
SB-02-(3-5)	O3645-01	07/18/2023	17:29	PQ062351.D	8.58	3.40
SB-04-(1-5)	O3645-02	07/18/2023	17:44	PQ062352.D	8.58	3.40
SB-07-(1-3)	O3645-03	07/18/2023	17:58	PQ062353.D	8.58	3.40
SB-08-(0.5-2.0)	O3645-04	07/18/2023	18:13	PQ062354.D	8.58	3.40
SB-09-(2.0-4.0)	O3645-05	07/18/2023	18:28	PQ062355.D	8.58	3.40
SB-10-(0.5-2.0)	O3645-06	07/18/2023	18:42	PQ062356.D	8.58	3.40
DUP	O3645-07	07/18/2023	18:57	PQ062357.D	8.58	3.40
SB-04-(1-5)MS	O3645-09MS	07/18/2023	19:12	PQ062358.D	8.58	3.40
SB-04-(1-5)MSD	O3645-10MSD	07/18/2023	19:26	PQ062359.D	8.58	3.40
AR1660CCC500	AR1660CCC500	07/18/2023	21:53	PQ062366.D	8.58	3.40

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Analytical Sequence

I.BLK	I.BLK	07/18/2023	22:22	PQ062368.D	8.58	3.40
PB154263BL	PB154263BL	07/18/2023	23:06	PQ062370.D	8.58	3.40
PB154263BS	PB154263BS	07/18/2023	23:20	PQ062371.D	8.58	3.40
PB154263BSD	PB154263BSD	07/18/2023	23:35	PQ062372.D	8.58	3.40
RINSATE-BLANK	O3645-08	07/19/2023	00:04	PQ062374.D	8.58	3.40
AR1660CCC500	AR1660CCC500	07/19/2023	01:03	PQ062375.D	8.58	3.40
I.BLK	I.BLK	07/19/2023	01:32	PQ062377.D	8.58	3.40

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Analytical Sequence

Client: LaBella Associates P.C. **SDG No.:** O3645

Project: Mackenna Parcels **Instrument ID:** ECD_Q

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/01/2023 07/01/2023

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 #
I.BLK	I.BLK	07/01/2023	02:49	PQ061834.D	7.53	2.76
AR1660ICC1000	AR1660ICC1000	07/01/2023	03:04	PQ061835.D	7.53	2.76
AR1660ICC750	AR1660ICC750	07/01/2023	03:18	PQ061836.D	7.53	2.76
AR1660ICC500	AR1660ICC500	07/01/2023	03:33	PQ061837.D	7.53	2.76
AR1660ICC250	AR1660ICC250	07/01/2023	03:48	PQ061838.D	7.53	2.76
AR1660ICC050	AR1660ICC050	07/01/2023	04:02	PQ061839.D	7.53	2.76
AR1221ICC500	AR1221ICC500	07/01/2023	04:17	PQ061840.D	7.53	2.76
AR1232ICC500	AR1232ICC500	07/01/2023	04:31	PQ061841.D	7.53	2.76
AR1242ICC1000	AR1242ICC1000	07/01/2023	04:46	PQ061842.D	7.53	2.76
AR1242ICC750	AR1242ICC750	07/01/2023	05:01	PQ061843.D	7.53	2.76
AR1242ICC500	AR1242ICC500	07/01/2023	05:15	PQ061844.D	7.53	2.76
AR1242ICC250	AR1242ICC250	07/01/2023	05:30	PQ061845.D	7.53	2.76
AR1242ICC050	AR1242ICC050	07/01/2023	05:45	PQ061846.D	7.53	2.76
AR1248ICC1000	AR1248ICC1000	07/01/2023	05:59	PQ061847.D	7.53	2.76
AR1248ICC750	AR1248ICC750	07/01/2023	06:14	PQ061848.D	7.53	2.76
AR1248ICC500	AR1248ICC500	07/01/2023	06:28	PQ061849.D	7.53	2.76
AR1248ICC250	AR1248ICC250	07/01/2023	06:43	PQ061850.D	7.53	2.76
AR1248ICC050	AR1248ICC050	07/01/2023	06:58	PQ061851.D	7.53	2.76
AR1254ICC1000	AR1254ICC1000	07/01/2023	07:12	PQ061852.D	7.53	2.76
AR1254ICC750	AR1254ICC750	07/01/2023	07:27	PQ061853.D	7.53	2.76
AR1254ICC500	AR1254ICC500	07/01/2023	07:42	PQ061854.D	7.53	2.76
AR1254ICC250	AR1254ICC250	07/01/2023	07:56	PQ061855.D	7.53	2.76
AR1254ICC050	AR1254ICC050	07/01/2023	08:11	PQ061856.D	7.53	2.76
AR1262ICC500	AR1262ICC500	07/01/2023	08:25	PQ061857.D	7.53	2.76
AR1268ICC1000	AR1268ICC1000	07/01/2023	08:40	PQ061858.D	7.53	2.76
AR1268ICC750	AR1268ICC750	07/01/2023	08:55	PQ061859.D	7.53	2.76
AR1268ICC500	AR1268ICC500	07/01/2023	09:09	PQ061860.D	7.53	2.76
AR1268ICC250	AR1268ICC250	07/01/2023	09:24	PQ061861.D	7.53	2.76
AR1268ICC050	AR1268ICC050	07/01/2023	09:39	PQ061862.D	7.53	2.76
AR1660CCC500	AR1660CCC500	07/18/2023	10:46	PQ062330.D	7.53	2.76
I.BLK	I.BLK	07/18/2023	11:44	PQ062334.D	7.53	2.76
PB154254BL	PB154254BL	07/18/2023	13:20	PQ062335.D	7.53	2.76
PB154254BS	PB154254BS	07/18/2023	13:35	PQ062336.D	7.53	2.76
AR1660CCC500	AR1660CCC500	07/18/2023	15:47	PQ062344.D	7.53	2.76
I.BLK	I.BLK	07/18/2023	16:16	PQ062346.D	7.53	2.76
SB-02-(3-5)	O3645-01	07/18/2023	17:29	PQ062351.D	7.53	2.76
SB-04-(1-5)	O3645-02	07/18/2023	17:44	PQ062352.D	7.53	2.76
SB-07-(1-3)	O3645-03	07/18/2023	17:58	PQ062353.D	7.53	2.76
SB-08-(0.5-2.0)	O3645-04	07/18/2023	18:13	PQ062354.D	7.53	2.76
SB-09-(2.0-4.0)	O3645-05	07/18/2023	18:28	PQ062355.D	7.53	2.76
SB-10-(0.5-2.0)	O3645-06	07/18/2023	18:42	PQ062356.D	7.52	2.76
DUP	O3645-07	07/18/2023	18:57	PQ062357.D	7.53	2.76
SB-04-(1-5)MS	O3645-09MS	07/18/2023	19:12	PQ062358.D	7.53	2.76
SB-04-(1-5)MSD	O3645-10MSD	07/18/2023	19:26	PQ062359.D	7.52	2.76
AR1660CCC500	AR1660CCC500	07/18/2023	21:53	PQ062366.D	7.52	2.76

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Analytical Sequence

I.BLK	I.BLK	07/18/2023	22:22	PQ062368.D	7.52	2.76
PB154263BL	PB154263BL	07/18/2023	23:06	PQ062370.D	7.52	2.76
PB154263BS	PB154263BS	07/18/2023	23:20	PQ062371.D	7.52	2.76
PB154263BSD	PB154263BSD	07/18/2023	23:35	PQ062372.D	7.52	2.76
RINSATE-BLANK	O3645-08	07/19/2023	00:04	PQ062374.D	7.52	2.76
AR1660CCC500	AR1660CCC500	07/19/2023	01:03	PQ062375.D	7.52	2.75
I.BLK	I.BLK	07/19/2023	01:32	PQ062377.D	7.52	2.76

CHEMTECH

A
B
C
D
E
F
G

QC SAMPLE DATA

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154254BL	SDG No.:	O3645
Lab Sample ID:	PB154254BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062335.D	1	07/18/23 09:10	07/18/23 13:20	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	3.60	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	5.90	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	4.50	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	3.10	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	2.80	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.80	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	2.70	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.30	17.0	ug/kg
11096-82-5	Aroclor-1260	17.0	U	3.30	17.0	ug/kg
Total PCBs	Total PCBs	17.0	U	5.70	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		40 - 162	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 176	102%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154263BL	SDG No.:	O3645
Lab Sample ID:	PB154263BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062370.D	1	07/18/23 08:50	07/18/23 23:06	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
Total PCBs	Total PCBs	0.50	U	0.22	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		21 - 155	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		10 - 173	106%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/01/23
Project:	Mackenna Parcels	Date Received:	07/01/23
Client Sample ID:	PIBLK-PQ061834.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ061834.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ061834.D	1		07/01/23	pq070123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		60 - 140	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 140	102%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/18/23
Project:	Mackenna Parcels	Date Received:	07/18/23
Client Sample ID:	PIBLK-PQ062334.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062334.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062334.D	1		07/18/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.0		60 - 140	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/18/23
Project:	Mackenna Parcels	Date Received:	07/18/23
Client Sample ID:	PIBLK-PQ062346.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062346.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062346.D	1		07/18/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.9		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	85%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/18/23
Project:	Mackenna Parcels	Date Received:	07/18/23
Client Sample ID:	PIBLK-PQ062368.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062368.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062368.D	1		07/18/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.7		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 140	92%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/19/23
Project:	Mackenna Parcels	Date Received:	07/19/23
Client Sample ID:	PIBLK-PQ062377.D	SDG No.:	O3645
Lab Sample ID:	I.BLK-PQ062377.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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062377.D	1		07/19/23	PQ071823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.50	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.9		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 140	96%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154254BS	SDG No.:	O3645
Lab Sample ID:	PB154254BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062336.D	1	07/18/23 09:10	07/18/23 13:35	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	143		3.60	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	5.90	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	4.50	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	3.10	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	2.80	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	3.80	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	2.70	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.30	17.0	ug/kg
11096-82-5	Aroclor-1260	151		3.30	17.0	ug/kg
Total PCBs	Total PCBs	294		6.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		40 - 162	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 176	99%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154263BS	SDG No.:	O3645
Lab Sample ID:	PB154263BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062371.D	1	07/18/23 08:50	07/18/23 23:20	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.40		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.16	0.50	ug/L
Total PCBs	Total PCBs	9.00		0.31	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		21 - 155	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		10 - 173	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	Mackenna Parcels	Date Received:	
Client Sample ID:	PB154263BSD	SDG No.:	O3645
Lab Sample ID:	PB154263BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062372.D	1	07/18/23 08:50	07/18/23 23:35	PB154263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.30		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.50	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.16	0.50	ug/L
Total PCBs	Total PCBs	8.90		0.31	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		21 - 155	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		10 - 173	105%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)MS	SDG No.:	O3645
Lab Sample ID:	O3645-09MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062358.D	1	07/18/23 09:10	07/18/23 19:12	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	182		3.90	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	6.40	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	4.90	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.40	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.10	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	4.10	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.00	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.60	18.6	ug/kg
11096-82-5	Aroclor-1260	183		3.70	18.6	ug/kg
Total PCBs	Total PCBs	365		7.60	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		40 - 162	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 176	98%	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

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	07/12/23
Project:	Mackenna Parcels	Date Received:	07/17/23
Client Sample ID:	SB-04-(1-5)MSD	SDG No.:	O3645
Lab Sample ID:	O3645-10MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ062359.D	1	07/18/23 09:10	07/18/23 19:26	PB154254

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	184		3.90	18.6	ug/kg
11104-28-2	Aroclor-1221	18.6	U	6.40	18.6	ug/kg
11141-16-5	Aroclor-1232	18.6	U	4.90	18.6	ug/kg
53469-21-9	Aroclor-1242	18.6	U	3.40	18.6	ug/kg
12672-29-6	Aroclor-1248	18.6	U	3.10	18.6	ug/kg
11097-69-1	Aroclor-1254	18.6	U	4.10	18.6	ug/kg
37324-23-5	Aroclor-1262	18.6	U	3.00	18.6	ug/kg
11100-14-4	Aroclor-1268	18.6	U	3.60	18.6	ug/kg
11096-82-5	Aroclor-1260	187		3.60	18.6	ug/kg
Total PCBs	Total PCBs	371		7.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		40 - 162	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 176	99%	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