

LAB CHRONICLE

OrderID:	Q3032	OrderDate:	9/5/2025 12:41:17 PM
Client:	Zuccaro Inc.	Project:	3 Coal Ave., Morristown, NJ
Contact:	Sal Zuccaro	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25



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Hit Summary Sheet
SW-846

SDG No.:

Q3032

Order ID:

Q3032

Client:

Zuccaro Inc.

Project ID:

3 Coal Ave., Morristown, NJ

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



SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.1
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
PP074957.D	1	09/08/25 09:00	09/08/25 14:04	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		30 (32) - 150 (144)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		30 (32) - 150 (175)	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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
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
PP074958.D	1	09/08/25 09:00	09/08/25 14:21	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		30 (32) - 150 (144)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		30 (32) - 150 (175)	64%	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.: **Q3032**

Client: **Zuccaro Inc.**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP074490.D	PIBLK-PP074490.D	Tetrachloro-m-xyl	1	20	17.8	89		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.2	91		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	15.7	78		70 (60)	130 (140)
		Decachlorobiphen	2	20	16.9	85		70 (60)	130 (140)
I.BLK-PP074953.D	PIBLK-PP074953.D	Tetrachloro-m-xyl	1	20	19.0	95		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.4	97		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.9	84		70 (60)	130 (140)
		Decachlorobiphen	2	20	15.6	78		70 (60)	130 (140)
PB169591BL	PB169591BL	Tetrachloro-m-xyl	1	20	21.9	110		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.5	113		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	21.5	107		30 (32)	150 (144)
		Decachlorobiphen	2	20	18.0	90		30 (32)	150 (175)
PB169591BS	PB169591BS	Tetrachloro-m-xyl	1	20	22.4	112		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.4	112		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	19.7	98		30 (32)	150 (144)
		Decachlorobiphen	2	20	17.8	89		30 (32)	150 (175)
Q3032-01	SOIL-PILE-1	Tetrachloro-m-xyl	1	20	20.4	102		30 (32)	150 (144)
		Decachlorobiphen	1	20	17.6	88		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	18.1	91		30 (32)	150 (144)
		Decachlorobiphen	2	20	13.3	66		30 (32)	150 (175)
Q3032-04	SOIL-PILE-2	Tetrachloro-m-xyl	1	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphen	1	20	12.8	64		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	18.9	95		30 (32)	150 (144)
		Decachlorobiphen	2	20	10.4	52		30 (32)	150 (175)
Q3032-04MS	SOIL-PILE-2MS	Tetrachloro-m-xyl	1	20	21.4	107		30 (32)	150 (144)
		Decachlorobiphen	1	20	14.8	74		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	21.3	107		30 (32)	150 (144)
		Decachlorobiphen	2	20	11.2	56		30 (32)	150 (175)
Q3032-04MSD	SOIL-PILE-2MSD	Tetrachloro-m-xyl	1	20	18.7	94		30 (32)	150 (144)
		Decachlorobiphen	1	20	12.6	63		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	17.6	88		30 (32)	150 (144)
		Decachlorobiphen	2	20	10.8	54		30 (32)	150 (175)
I.BLK-PP074967.D	PIBLK-PP074967.D	Tetrachloro-m-xyl	1	20	19.1	96		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	17.3	86		70 (60)	130 (140)
		Decachlorobiphen	2	20	15.0	75		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PP074959.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3032-04MS (Column 1)	Client Sample ID:		SOIL-PILE-2MS									
	AR1016	200.1	0	237	ug/kg	118				40 (55)		140 (146)	
	AR1260	200.1	0	152	ug/kg	76				40 (54)		140 (119)	
Lab Sample ID:	Q3032-04MS (Column 2)	Client Sample ID:		SOIL-PILE-2MS									
	AR1016	200.1	0	266	ug/kg	133				40 (55)		140 (146)	
	AR1260	200.1	0	110	ug/kg	55				40 (54)		140 (119)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PP074960.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-04MSD	Client Sample ID:		SOIL-PILE-2MSD							
(Column 1)											
AR1016	199.9	0	238	ug/kg	119		1		40 (55)	140 (146)	30 (15)
AR1260	199.9	0	143	ug/kg	72		5		40 (54)	140 (119)	30 (15)
Lab Sample ID:	Q3032-04MSD	Client Sample ID:		SOIL-PILE-2MSD							
(Column 2)											
AR1016	199.9	0	301	ug/kg	151		13		40 (55)	140 (146)	30 (15)
AR1260	199.9	0	114	ug/kg	57		4		40 (54)	140 (119)	30 (15)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Zuccaro Inc.</u>	Datafile :	<u>PP074955.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169591BS (Column 1)	AR1016	166.5	165	ug/kg	99				40 (71)	140 (120)	
	AR1260	166.5	152	ug/kg	91				40 (65)	140 (130)	
PB169591BS (Column 2)	AR1016	166.5	148	ug/kg	89				40 (71)	140 (120)	
	AR1260	166.5	141	ug/kg	85				40 (65)	140 (130)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169591BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169591BL

Lab File ID: PP074954.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/08/2025

Date Analyzed (1): 09/08/2025

Date Analyzed (2): 09/08/2025

Time Analyzed (1): 13:16

Time Analyzed (2): 13:16

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
PB169591BS	PB169591BS	PP074955.D	09/08/2025	09/08/2025
SOIL-PILE-1	Q3032-01	PP074957.D	09/08/2025	09/08/2025
SOIL-PILE-2	Q3032-04	PP074958.D	09/08/2025	09/08/2025
SOIL-PILE-2MS	Q3032-04MS	PP074959.D	09/08/2025	09/08/2025
SOIL-PILE-2MSD	Q3032-04MSD	PP074960.D	09/08/2025	09/08/2025

COMMENTS: _____



CALIBRATION SUMMARY

A
B
C
D
E
F
G

Contract: ZUCC01

SDG NO.: Q3032

Calibration Date(s): **08/19/2025** **08/19/2025**

Calibration Times: 10:02 17:36

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.43	10.44	10.43	10.44	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

A
B
C
D
E
F
G

A
B
C
D
E
F
G

Calibration Times: 10:02 17:36

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D
RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.82	8.81	8.82	8.81	8.82	8.72	8.92
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

A

B

C

D

E

F

G

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID:								
CF 1000 =		PP074491.D		CF 750 =		PP074492.D		
CF 500 =		PP074493.D		CF 250 =		PP074494.D		
				CF 050 =		PP074495.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	37260672	39165227	41840274	46667524	55510560	44088851	17
Aroclor-1016-2	(2)	55294208	58678316	63208216	69200552	67826880	62841634	9
Aroclor-1016-3	(3)	37159554	39829409	42380342	50420568	54779780	44913931	17
Aroclor-1016-4	(4)	30238509	32061391	34848388	39362172	39398600	35181812	12
Aroclor-1016-5	(5)	29225854	30645948	33029644	36469124	36559780	33186070	10
Aroclor-1260-1	(1)	48563391	51183833	55342410	61530012	72427960	57809521	16
Aroclor-1260-2	(2)	57520052	60697599	66234840	73517872	86617000	68917473	17
Aroclor-1260-3	(3)	45466412	48231029	50486582	57234216	58008180	51885284	11
Aroclor-1260-4	(4)	53945139	57153024	61763720	67649864	78452080	63792765	15
Aroclor-1260-5	(5)	98135607	102882747	108313414	117775440	139953440	113412130	15
Decachlorobiphenyl		866337170	921955053	988573200	1058849640	1101835800	987510173	10
Tetrachloro-m-xylene		1100953570	1143235467	1200713680	1268558320	1404991400	1223690487	10
Aroclor-1242-1	(1)	33534775	35196259	38660790	41241740	42742440	38275201	10
Aroclor-1242-2	(2)	50582395	52453757	57915216	62104248	59354260	56481975	9
Aroclor-1242-3	(3)	33349694	35414635	39970066	43883972	50396180	40602909	17
Aroclor-1242-4	(4)	27192200	28632309	31894696	35816444	35173600	31741850	12
Aroclor-1242-5	(5)	29731727	30733847	34626980	38850892	46409580	36070605	19
Decachlorobiphenyl		942571090	998560827	1090308640	1132992280	1083717600	1049630087	7
Tetrachloro-m-xylene		1101623960	1151320933	1235361060	1272027120	1278388200	1207744255	6
Aroclor-1248-1	(1)	26825393	28405716	30845872	34074380	30968720	30224016	9
Aroclor-1248-2	(2)	37601198	39897476	43211686	48783724	45986180	43096053	10
Aroclor-1248-3	(3)	41457218	43776155	46817460	51955424	49511780	46703607	9
Aroclor-1248-4	(4)	47576379	50895647	54418430	60667104	61446460	55000804	11
Aroclor-1248-5	(5)	47007884	50058825	54098864	61916308	64270400	55470456	13
Decachlorobiphenyl		950993890	1009223920	1071012460	1167985200	1057373600	1051317814	8
Tetrachloro-m-xylene		1100991950	1146778960	1200566400	1276972480	1211462000	1187354358	6
Aroclor-1254-1	(1)	48507797	53598960	57022412	63560864	68657180	58269443	14
Aroclor-1254-2	(2)	68997007	73735961	79493314	88136784	97716940	81616001	14
Aroclor-1254-3	(3)	75433146	80269064	85469286	94710248	110150500	89206449	15
Aroclor-1254-4	(4)	56817907	60256557	64375914	71178004	76939600	65913596	12
Aroclor-1254-5	(5)	71518563	76344344	81241680	89300320	97020080	83084997	12
Decachlorobiphenyl		955810170	985159667	1046715980	1146118200	1185105200	1063781843	9
Tetrachloro-m-xylene		1074895520	1124737840	1186244600	1279770240	1364835400	1206096720	10
Aroclor-1268-1	(1)	145382221	149256528	159799060	175238264	180520060	162039227	10

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135128903	138304824	147968774	161072492	151211120	146737223	7
Aroclor-1268-3	(3)	112837949	115383373	124401538	134921752	130382340	123585390	8
Aroclor-1268-4	(4)	60062429	62288615	69185966	72327472	72450180	67262932	9
Aroclor-1268-5	(5)	347935374	352387180	372266714	396976848	381293520	370171927	6
Decachlorobiphenyl		1643122860	1684754733	1816495060	1968851320	1846466800	1791938155	7
Tetrachloro-m-xylene		1139511630	1162795853	1215559280	1293072360	1185938800	1199375585	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID: <u>PP074491.D</u> CF 1000 = <u>PP074491.D</u> CF 750 = <u>PP074492.D</u> CF 500 = <u>PP074493.D</u> CF 250 = <u>PP074494.D</u> CF 050 = <u>PP074495.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	496657182	503720793	523846228	513002896	509541900	2
Aroclor-1016-2	(2)	239168801	238546505	246638078	251142512	214580920	6
Aroclor-1016-3	(3)	133036564	130124845	144330606	141427600	140598400	4
Aroclor-1016-4	(4)	133477489	138002388	140534852	142183668	144817800	3
Aroclor-1016-5	(5)	154126731	152599703	155237916	163343428	205109040	13
Aroclor-1260-1	(1)	363284667	378829761	386185190	382321000	365496040	3
Aroclor-1260-2	(2)	523788027	519029669	530795266	515617580	554844180	3
Aroclor-1260-3	(3)	397906310	403814531	425344812	411965640	525972600	12
Aroclor-1260-4	(4)	386647802	396528909	406788188	382587548	334816920	7
Aroclor-1260-5	(5)	1072036571	1049469899	1040494106	1005914236	854489880	9
Decachlorobiphenyl		7534332740	7444555573	7912532780	7690082000	6914466800	5
Tetrachloro-m-xylene		5208096140	5362153787	4998687000	4783674480	3824485800	13
Aroclor-1242-1	(1)	426248141	431977179	439434088	427078864	384025660	5
Aroclor-1242-2	(2)	202991737	207389804	208837132	204363608	177830640	6
Aroclor-1242-3	(3)	114667914	119000831	118474420	125754936	113593040	4
Aroclor-1242-4	(4)	162797331	159395943	169924744	169924792	193754480	8
Aroclor-1242-5	(5)	176244820	193149587	194953880	198727516	162744820	8
Decachlorobiphenyl		7439485810	7647320840	7750380960	7387148800	6696994000	6
Tetrachloro-m-xylene		5552255470	5495660120	5265795020	4718643160	3344536200	19
Aroclor-1248-1	(1)	276787529	272989900	294110190	287515664	249311100	6
Aroclor-1248-2	(2)	170428062	176978340	184167818	188684076	163519180	6
Aroclor-1248-3	(3)	216883105	236968729	226037212	232782684	223345400	3
Aroclor-1248-4	(4)	216013976	222165432	229596264	221937152	200392380	5
Aroclor-1248-5	(5)	365899980	378186867	386596360	393195048	312731540	9
Decachlorobiphenyl		7362170440	7623348680	7832285760	7830414120	6177033600	9
Tetrachloro-m-xylene		4921775200	5272375827	4922615420	4754396920	3067777000	19
Aroclor-1254-1	(1)	450774429	460491156	493889042	479687392	498710100	4
Aroclor-1254-2	(2)	327603431	350278748	349528710	357585716	375666820	5
Aroclor-1254-3	(3)	632195702	651991325	663558136	626254444	525027180	9
Aroclor-1254-4	(4)	465715221	475856425	494623526	472743392	434193620	5
Aroclor-1254-5	(5)	494049062	518095117	499208524	513687428	427465960	7
Decachlorobiphenyl		7570292860	7622860640	7575883760	7671178000	7261560400	2
Tetrachloro-m-xylene		5083198010	4906330680	4979033200	4619762640	3271378000	16
Aroclor-1268-1	(1)	1582015639	1422598329	1546826516	1453362868	1047671520	15

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1588231016	1429840941	1442651986	1413308564	943104640	1363427429	18
Aroclor-1268-3	(3)	1131064358	1100247001	1123773528	1077394544	783689900	1043233866	14
Aroclor-1268-4	(4)	433982459	417630531	415097948	393627672	255142820	383096286	19
Aroclor-1268-5	(5)	3414138804	3322863425	3420880908	3301062668	2221751820	3136139525	16
Decachlorobiphenyl		14390930480	14121362587	14413340360	14318679160	10749496600	13598761837	12
Tetrachloro-m-xylene		5211020900	5014233547	4937082600	4815562400	3041581600	4603896209	19

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

Instrument ID: ECD_P Date(s) Analyzed: 08/19/2025 08/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.85	4.75	4.95	17592800
		2	4.94	4.84	5.04	13357200
		3	5.02	4.92	5.12	37912800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	30374000
		2	5.54	5.44	5.64	15758200
		3	5.83	5.73	5.93	30543600
		4	5.99	5.89	6.09	17269300
		5	6.08	5.98	6.18	12981000
Aroclor-1262	500	1	8.24	8.14	8.34	77016000
		2	8.57	8.47	8.67	132381000
		3	8.89	8.79	8.99	97212400
		4	8.98	8.88	9.08	75330400
		5	9.65	9.55	9.75	60956200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

Instrument ID: ECD_P Date(s) Analyzed: 08/19/2025 08/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	61867400
		2	4.10	4.00	4.20	45212000
		3	4.17	4.07	4.27	164294000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	128095000
		2	4.90	4.80	5.00	231794000
		3	5.08	4.98	5.18	60059800
		4	5.16	5.06	5.26	73707400
		5	5.33	5.23	5.43	62083800
Aroclor-1262	500	1	6.92	6.82	7.02	707260000
		2	7.18	7.08	7.28	520714000
		3	7.70	7.60	7.80	466296000
		4	7.76	7.66	7.86	821860000
		5	8.26	8.16	8.36	358310000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025 08/19/2025

Continuing Calib Time: 11:51

Initial Calibration Time(s): 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.65	4.55	4.75	0.00
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025

08/19/2025

Continuing Calib Time: 11:51

Initial Calibration Time(s): 10:02

17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-3	(3)	5.07	5.08	4.98	5.18	0.01
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074949.D **Time Analyzed:** 11:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.805	5.706	5.906	486.060	500.000	-2.8
Aroclor-1016-2	5.827	5.727	5.927	509.480	500.000	1.9
Aroclor-1016-3	5.889	5.790	5.990	453.190	500.000	-9.4
Aroclor-1016-4	5.986	5.888	6.088	485.000	500.000	-3.0
Aroclor-1016-5	6.279	6.180	6.380	499.310	500.000	-0.1
Aroclor-1260-1	7.396	7.297	7.497	469.110	500.000	-6.2
Aroclor-1260-2	7.649	7.550	7.750	463.930	500.000	-7.2
Aroclor-1260-3	8.007	7.908	8.108	493.480	500.000	-1.3
Aroclor-1260-4	8.235	8.136	8.336	461.410	500.000	-7.7
Aroclor-1260-5	8.560	8.462	8.662	455.280	500.000	-8.9
Decachlorobiphenyl	10.429	10.333	10.533	46.870	50.000	-6.3
Tetrachloro-m-xylene	4.654	4.554	4.754	49.180	50.000	-1.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074949.D **Time Analyzed:** 11:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.895	4.799	4.999	478.730	500.000	-4.3
Aroclor-1016-2	4.952	4.855	5.055	499.640	500.000	-0.1
Aroclor-1016-3	5.072	4.976	5.176	496.040	500.000	-0.8
Aroclor-1016-4	5.114	5.017	5.217	475.910	500.000	-4.8
Aroclor-1016-5	5.327	5.231	5.431	436.740	500.000	-12.7
Aroclor-1260-1	6.356	6.261	6.461	457.050	500.000	-8.6
Aroclor-1260-2	6.542	6.448	6.648	446.600	500.000	-10.7
Aroclor-1260-3	6.696	6.602	6.802	414.260	500.000	-17.1
Aroclor-1260-4	7.166	7.072	7.272	434.920	500.000	-13.0
Aroclor-1260-5	7.405	7.311	7.511	432.890	500.000	-13.4
Decachlorobiphenyl	8.806	8.715	8.915	42.240	50.000	-15.5
Tetrachloro-m-xylene	3.797	3.699	3.899	54.710	50.000	9.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025 08/19/2025

Continuing Calib Time: 16:04

Initial Calibration Time(s): 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025

08/19/2025

Continuing Calib Time: 16:04

Initial Calibration Time(s): 10:02

17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074963.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.807	5.706	5.906	495.470	500.000	-0.9
Aroclor-1016-2	5.828	5.727	5.927	508.330	500.000	1.7
Aroclor-1016-3	5.891	5.790	5.990	457.120	500.000	-8.6
Aroclor-1016-4	5.988	5.888	6.088	484.050	500.000	-3.2
Aroclor-1016-5	6.280	6.180	6.380	498.190	500.000	-0.4
Aroclor-1260-1	7.397	7.297	7.497	464.500	500.000	-7.1
Aroclor-1260-2	7.649	7.550	7.750	463.230	500.000	-7.4
Aroclor-1260-3	8.007	7.908	8.108	488.340	500.000	-2.3
Aroclor-1260-4	8.235	8.136	8.336	459.660	500.000	-8.1
Aroclor-1260-5	8.560	8.462	8.662	456.930	500.000	-8.6
Decachlorobiphenyl	10.427	10.333	10.533	46.690	50.000	-6.6
Tetrachloro-m-xylene	4.656	4.554	4.754	49.480	50.000	-1.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074963.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.898	4.799	4.999	498.850	500.000	-0.2
Aroclor-1016-2	4.956	4.855	5.055	509.890	500.000	2.0
Aroclor-1016-3	5.076	4.976	5.176	485.380	500.000	-2.9
Aroclor-1016-4	5.117	5.017	5.217	485.820	500.000	-2.8
Aroclor-1016-5	5.331	5.231	5.431	449.260	500.000	-10.1
Aroclor-1260-1	6.359	6.261	6.461	459.180	500.000	-8.2
Aroclor-1260-2	6.545	6.448	6.648	440.890	500.000	-11.8
Aroclor-1260-3	6.700	6.602	6.802	403.430	500.000	-19.3
Aroclor-1260-4	7.169	7.072	7.272	429.010	500.000	-14.2
Aroclor-1260-5	7.408	7.311	7.511	431.040	500.000	-13.8
Decachlorobiphenyl	8.808	8.715	8.915	41.540	50.000	-16.9
Tetrachloro-m-xylene	3.801	3.699	3.899	54.430	50.000	8.9

Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/19/2025 08/19/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	08/19/2025	09:46	PP074490.D	10.43	4.65
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	10.43	4.65
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	10.43	4.65
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	10.43	4.66
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	10.43	4.65
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	10.43	4.66
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	10.43	4.66
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	10.44	4.66
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	10.44	4.66
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	10.44	4.66
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	10.44	4.66
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	10.44	4.66
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	10.44	4.66
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	10.44	4.66
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	10.44	4.66
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	10.44	4.66
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	10.43	4.66
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	10.44	4.66
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	10.43	4.66
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	10.44	4.66
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	10.43	4.66
AR1660CCC500	AR1660CCC500	09/08/2025	11:51	PP074949.D	10.43	4.65
IBLK	IBLK	09/08/2025	13:00	PP074953.D	10.43	4.66
PB169591BL	PB169591BL	09/08/2025	13:16	PP074954.D	10.43	4.66
PB169591BS	PB169591BS	09/08/2025	13:32	PP074955.D	10.43	4.65
SOIL-PILE-1	Q3032-01	09/08/2025	14:04	PP074957.D	10.43	4.66
SOIL-PILE-2	Q3032-04	09/08/2025	14:21	PP074958.D	10.43	4.66
SOIL-PILE-2MS	Q3032-04MS	09/08/2025	14:37	PP074959.D	10.43	4.66
SOIL-PILE-2MSD	Q3032-04MSD	09/08/2025	14:53	PP074960.D	10.43	4.65
AR1660CCC500	AR1660CCC500	09/08/2025	16:04	PP074963.D	10.43	4.66
IBLK	IBLK	09/08/2025	17:09	PP074967.D	10.43	4.66

Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/19/2025 08/19/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	08/19/2025	09:46	PP074490.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	8.81	3.80
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	8.82	3.80
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	8.82	3.80
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	8.81	3.80
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	8.82	3.80
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	8.82	3.80
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	8.82	3.80
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	8.81	3.80
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	8.82	3.80
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	8.82	3.80
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	8.82	3.80
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	8.82	3.80
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	8.82	3.80
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	8.81	3.80
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	8.82	3.80
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	8.81	3.80
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	8.81	3.80
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	8.82	3.80
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/08/2025	11:51	PP074949.D	8.81	3.80
IBLK	IBLK	09/08/2025	13:00	PP074953.D	8.81	3.80
PB169591BL	PB169591BL	09/08/2025	13:16	PP074954.D	8.81	3.80
PB169591BS	PB169591BS	09/08/2025	13:32	PP074955.D	8.81	3.80
SOIL-PILE-1	Q3032-01	09/08/2025	14:04	PP074957.D	8.81	3.80
SOIL-PILE-2	Q3032-04	09/08/2025	14:21	PP074958.D	8.81	3.80
SOIL-PILE-2MS	Q3032-04MS	09/08/2025	14:37	PP074959.D	8.81	3.80
SOIL-PILE-2MSD	Q3032-04MSD	09/08/2025	14:53	PP074960.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/08/2025	16:04	PP074963.D	8.81	3.80
IBLK	IBLK	09/08/2025	17:09	PP074967.D	8.80	3.80



QC SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169591BL	SDG No.:	Q3032
Lab Sample ID:	PB169591BL	Matrix:	SOIL
Analytical Method:	8082A	% 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
PP074954.D	1	09/08/25 09:00	09/08/25 13:16	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		30 (32) - 150 (144)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.5		30 (32) - 150 (175)	113%	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:	Zuccaro Inc.	Date Collected:	08/19/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	08/19/25
Client Sample ID:	PIBLK-PP074490.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PP074490.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074490.D	1		08/19/25	PP081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.7		70 (60) - 130 (140)	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		70 (60) - 130 (140)	85%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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

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Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/08/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/08/25
Client Sample ID:	PIBLK-PP074953.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PP074953.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074953.D	1		09/08/25	pp090825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.9		70 (60) - 130 (140)	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		70 (60) - 130 (140)	78%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/08/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/08/25
Client Sample ID:	PIBLK-PP074967.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PP074967.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074967.D	1		09/08/25	pp090825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		70 (60) - 130 (140)	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.0		70 (60) - 130 (140)	75%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169591BS	SDG No.:	Q3032
Lab Sample ID:	PB169591BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 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
PP074955.D	1	09/08/25 09:00	09/08/25 13:32	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	165		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	152		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		30 (32) - 150 (144)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		30 (32) - 150 (175)	112%	SPK: 20

Comments:

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LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = 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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-04MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
Sample Wt/Vol:	30.04	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
PP074959.D	1	09/08/25 09:00	09/08/25 14:37	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	266		4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	152		3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		30 (32) - 150 (175)	74%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-04MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
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
PP074960.D	1	09/08/25 09:00	09/08/25 14:53	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	301		4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	143		3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		30 (32) - 150 (144)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.6		30 (32) - 150 (175)	63%	SPK: 20

Comments:

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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