

LAB CHRONICLE

OrderID:	P5361	OrderDate:	12/20/2024 10:02:00 AM
Client:	PARSONS Engineering of New York, Inc.	Project:	Con Edison Non-MGP - East River 453648.60024.03
Contact:	Stephen Liberatore	Location:	N12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5361-01	SB-01-20241219-7.0-7.5	SOIL			12/19/24			12/19/24
			PCB	8082A		12/20/24	12/20/24	
			TPH GC	8015D		12/23/24	12/23/24	
P5361-02	SB-01-20241219-9.0-9.5	SOIL			12/19/24			12/19/24
			PCB	8082A		12/20/24	12/20/24	
			TPH GC	8015D		12/23/24	12/23/24	

Hit Summary Sheet
SW-846

SDG No.: P5361

Order ID: P5361

Client: PARSONS Engineering of New York, Inc.

Project ID: Con Edison Non-MGP - East River 45'

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



SAMPLE DATA

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	12/19/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/19/24	
Client Sample ID:	SB-01-20241219-7.0-7.5		SDG No.:	P5361	
Lab Sample ID:	P5361-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.7	Decanted:
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
PO108717.D	1	12/20/24 08:30	12/20/24 17:39	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	18.5	U	3.70	18.5	ug/kg
11104-28-2	Aroclor-1221	18.5	U	7.00	18.5	ug/kg
11141-16-5	Aroclor-1232	18.5	U	3.70	18.5	ug/kg
53469-21-9	Aroclor-1242	18.5	U	3.70	18.5	ug/kg
12672-29-6	Aroclor-1248	18.5	U	8.60	18.5	ug/kg
11097-69-1	Aroclor-1254	18.5	U	3.00	18.5	ug/kg
37324-23-5	Aroclor-1262	18.5	U	5.00	18.5	ug/kg
11100-14-4	Aroclor-1268	18.5	U	3.70	18.5	ug/kg
11096-82-5	Aroclor-1260	18.5	U	3.20	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	12/19/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/19/24	
Client Sample ID:	SB-01-20241219-9.0-9.5		SDG No.:	P5361	
Lab Sample ID:	P5361-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	87.1	Decanted:
Sample Wt/Vol:	30.06	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
PO108718.D	1	12/20/24 08:30	12/20/24 17:56	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	19.5	U	3.90	19.5	ug/kg
11104-28-2	Aroclor-1221	19.5	U	7.30	19.5	ug/kg
11141-16-5	Aroclor-1232	19.5	U	3.90	19.5	ug/kg
53469-21-9	Aroclor-1242	19.5	U	3.90	19.5	ug/kg
12672-29-6	Aroclor-1248	19.5	U	9.00	19.5	ug/kg
11097-69-1	Aroclor-1254	19.5	U	3.10	19.5	ug/kg
37324-23-5	Aroclor-1262	19.5	U	5.20	19.5	ug/kg
11100-14-4	Aroclor-1268	19.5	U	3.90	19.5	ug/kg
11096-82-5	Aroclor-1260	19.5	U	3.30	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	82%	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.: **P5361**

Client: **PARSONS Engineering of New York, Inc.**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO108361.D	PIBLK-PO108361.D	Tetrachloro-m-xylene	1	20	23.0	115		60	140
		Decachlorobiphenyl	1	20	23.6	118		60	140
		Tetrachloro-m-xylene	2	20	21.6	108		60	140
		Decachlorobiphenyl	2	20	23.6	118		60	140
I.BLK-PO108699.D	PIBLK-PO108699.D	Tetrachloro-m-xylene	1	20	23.4	117		60	140
		Decachlorobiphenyl	1	20	22.2	111		60	140
		Tetrachloro-m-xylene	2	20	23.8	119		60	140
		Decachlorobiphenyl	2	20	25.2	126		60	140
PB165777BL	PB165777BL	Tetrachloro-m-xylene	1	20	19.6	98		32	144
		Decachlorobiphenyl	1	20	19.5	98		32	175
		Tetrachloro-m-xylene	2	20	20.2	101		32	144
		Decachlorobiphenyl	2	20	21.8	109		32	175
PB165777BS	PB165777BS	Tetrachloro-m-xylene	1	20	18.8	94		32	144
		Decachlorobiphenyl	1	20	20.1	101		32	175
		Tetrachloro-m-xylene	2	20	19.3	97		32	144
		Decachlorobiphenyl	2	20	22.7	114		32	175
I.BLK-PO108712.D	PIBLK-PO108712.D	Tetrachloro-m-xylene	1	20	21.0	105		60	140
		Decachlorobiphenyl	1	20	21.0	105		60	140
		Tetrachloro-m-xylene	2	20	21.9	109		60	140
		Decachlorobiphenyl	2	20	23.6	118		60	140
P5355-01MS	RBR251688MS	Tetrachloro-m-xylene	1	20	21.0	105		32	144
		Decachlorobiphenyl	1	20	16.8	84		32	175
		Tetrachloro-m-xylene	2	20	21.8	109		32	144
		Decachlorobiphenyl	2	20	18.6	93		32	175
P5355-01MSD	RBR251688MSD	Tetrachloro-m-xylene	1	20	20.9	104		32	144
		Decachlorobiphenyl	1	20	16.7	83		32	175
		Tetrachloro-m-xylene	2	20	21.6	108		32	144
		Decachlorobiphenyl	2	20	18.7	93		32	175
P5361-01	SB-01-20241219-7.0-7.5	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	16.6	83		32	175
		Tetrachloro-m-xylene	2	20	21.2	106		32	144
		Decachlorobiphenyl	2	20	18.7	93		32	175
P5361-02	SB-01-20241219-9.0-9.5	Tetrachloro-m-xylene	1	20	19.0	95		32	144
		Decachlorobiphenyl	1	20	14.6	73		32	175
		Tetrachloro-m-xylene	2	20	19.9	100		32	144
		Decachlorobiphenyl	2	20	16.5	82		32	175
I.BLK-PO108727.D	PIBLK-PO108727.D	Tetrachloro-m-xylene	1	20	21.3	106		60	140
		Decachlorobiphenyl	1	20	21.2	106		60	140
		Tetrachloro-m-xylene	2	20	22.1	111		60	140
		Decachlorobiphenyl	2	20	24.2	121		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5361

Client: PARSONS Engineering of New York, In

Analytical Method: 8082A

DataFile : PO108714.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	RBR251688MS											
P5355-01MS	AR1016	203.9	0	232	ug/kg	114				55	146	
	AR1260	203.9	0	232	ug/kg	114				45	144	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5361

Client: PARSONS Engineering of New York, In

Analytical Method: 8082A

DataFile : PO108715.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: P5355-01MSD	RBR251688MSD											
	AR1016	203.5	0	231	ug/kg	114		0		55	146	20
	AR1260	203.5	0	231	ug/kg	114		0		45	144	20



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5361

Client: PARSONS Engineering of New York, In

Analytical Method: 8082A Datafile : PO108707.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165777BS	AR1016	166.5	161	ug/kg	97				71	120	
	AR1260	166.5	164	ug/kg	98				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165777BL

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: P5361

SAS No.: P5361 SDG NO.: P5361

Lab Sample ID: PB165777BL

Lab File ID: PO108706.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/20/2024

Date Analyzed (1): 12/20/2024

Date Analyzed (2): 12/20/2024

Time Analyzed (1): 14:17

Time Analyzed (2): 14:17

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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
PB165777BS	PB165777BS	PO108707.D	12/20/2024	12/20/2024
RBR251688MS	P5355-01MS	PO108714.D	12/20/2024	12/20/2024
RBR251688MSD	P5355-01MSD	PO108715.D	12/20/2024	12/20/2024
SB-01-20241219-7.0-7.5	P5361-01	PO108717.D	12/20/2024	12/20/2024
SB-01-20241219-9.0-9.5	P5361-02	PO108718.D	12/20/2024	12/20/2024

COMMENTS: _____



CALIBRATION SUMMARY

A
B
C
D
E
F
G

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.79	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.71	3.71	3.71	3.71	3.71	3.71	3.61	3.81

A
B
C
D
E
F
G

A
B
C
D
E
F
G

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.74	8.74	8.74	8.74	8.74	8.74	8.64	8.84
Tetrachloro-m-xylene	3.71	3.71	3.71	3.71	3.71	3.71	3.61	3.81

A
B
C
D
E
F
G

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PARS02

Lab Code: CHEM **Case No.:** P5361 **SAS No.:** P5361 **SDG NO.:** P5361

Instrument ID: ECD_O **Calibration Date(s):** 12/06/2024 12/06/2024
Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	291946997	297743768	310620664	319628964	322276700	4
Aroclor-1016-2	(2)	404548343	410201719	419086158	434302728	418957120	3
Aroclor-1016-3	(3)	276313882	283350735	295214768	305005424	303271420	4
Aroclor-1016-4	(4)	219460370	224028880	231955104	239248200	241192240	4
Aroclor-1016-5	(5)	230837381	238568924	249276722	260302648	279364560	8
Aroclor-1260-1	(1)	430087746	435401064	458150304	486996644	475087940	5
Aroclor-1260-2	(2)	526959551	526383048	555764632	590931960	578558580	5
Aroclor-1260-3	(3)	436965341	443883275	464184392	487588856	485769460	5
Aroclor-1260-4	(4)	403312630	406530869	426472890	444299896	446086500	5
Aroclor-1260-5	(5)	957132439	955503789	984649950	1000570432	961557080	2
Decachlorobiphenyl		7019975940	7102279760	7343195240	7645101200	7409935200	3
Tetrachloro-m-xylene		8754554380	8783699800	8926447760	8858353120	8177601800	3
Aroclor-1242-1	(1)	247125512	244458381	250566506	269052152	275422740	5
Aroclor-1242-2	(2)	337820704	332549081	339649972	356992284	358797680	3
Aroclor-1242-3	(3)	232389462	228960781	237971694	251417972	255318460	5
Aroclor-1242-4	(4)	184244210	179103536	186955244	196540012	206728220	6
Aroclor-1242-5	(5)	194011522	194743607	197474576	218140108	233983940	9
Decachlorobiphenyl		7151632520	7167100640	7259242160	7695082840	7616154000	4
Tetrachloro-m-xylene		8921368150	8691850413	8750108140	8842570400	8500038400	2
Aroclor-1248-1	(1)	180443308	190883876	199902132	213303984	216831760	8
Aroclor-1248-2	(2)	246301061	262357348	276907834	298582396	301778920	9
Aroclor-1248-3	(3)	307776547	326479597	342321706	362333244	366087160	7
Aroclor-1248-4	(4)	437732929	457834677	479474244	502800428	504795820	6
Aroclor-1248-5	(5)	308766537	323271540	339143702	357998428	363873980	7
Decachlorobiphenyl		7041971050	7340001867	7677772660	8334328560	8377267200	8
Tetrachloro-m-xylene		8742483090	9116744787	9342439560	9446963040	8577776400	4
Aroclor-1254-1	(1)	463230517	487037587	512031514	533861324	572040640	8
Aroclor-1254-2	(2)	407035308	429134731	452892530	476390932	511836900	9
Aroclor-1254-3	(3)	665923649	695083201	726473802	743208540	769953480	6
Aroclor-1254-4	(4)	404280854	421077525	444268156	458648100	465789400	6
Aroclor-1254-5	(5)	578915300	604639081	636092894	662542188	693421140	7
Decachlorobiphenyl		7146512650	7451889427	7845842200	8029803560	8289288000	6
Tetrachloro-m-xylene		8916956510	9205112240	9483653100	9313097600	8995829000	3
Aroclor-1268-1	(1)	1246089127	1198545457	1234114434	1276827264	1264498100	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1144198522	1088520925	1112229462	1147435628	1115923840	1121661675	2
Aroclor-1268-3	(3)	940965396	832346444	919340748	953365360	884986220	906200834	5
Aroclor-1268-4	(4)	385949324	370268229	384086808	404665236	389544200	386902759	3
Aroclor-1268-5	(5)	2890019913	2756282528	2773652360	2815336668	2624622080	2771982710	4
Decachlorobiphenyl		13116054520	12684928373	12985206200	13660251040	13550255000	13199339027	3
Tetrachloro-m-xylene		9439924600	8926085107	9366220020	9585299080	8679584000	9199422561	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Instrument ID: ECD_O Calibration Date(s): 12/06/2024 12/06/2024

Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	153895169	156728372	161981056	169073964	160692820	160474276
Aroclor-1016-2	(2)	216342839	218481491	224728354	232664856	218246400	222092788
Aroclor-1016-3	(3)	120117826	122069885	126984464	131660600	128335340	125833623
Aroclor-1016-4	(4)	96843518	100727947	106065160	112123848	108269060	104805907
Aroclor-1016-5	(5)	124135109	128707045	133919966	139473364	149819760	135211049
Aroclor-1260-1	(1)	220557751	224688929	233372252	247245708	244312440	234035416
Aroclor-1260-2	(2)	265498816	268435476	278836448	291165028	298902840	280567722
Aroclor-1260-3	(3)	247895049	250737920	258985508	271036448	289186460	263568277
Aroclor-1260-4	(4)	206205103	207830825	214807128	221847076	213061100	212750246
Aroclor-1260-5	(5)	485216265	483370987	491130416	498849136	461100640	483933489
Decachlorobiphenyl		3766442770	3798929547	3925647180	4081005080	3802565400	3874917995
Tetrachloro-m-xylene		5125815400	5157614040	5227779180	5235220160	4600485000	5069382756
Aroclor-1242-1	(1)	129471703	129065633	132661290	141454628	146186400	135767931
Aroclor-1242-2	(2)	181117644	180316532	183263990	191612732	190980420	185458264
Aroclor-1242-3	(3)	100948316	100485531	102947708	108518220	114012140	105382383
Aroclor-1242-4	(4)	100375229	100398940	104407974	111868140	119593080	107328673
Aroclor-1242-5	(5)	119243844	118999972	122020908	130935164	140800680	126400114
Decachlorobiphenyl		3837824030	3881889067	3932164520	4142632320	3981873600	3955276707
Tetrachloro-m-xylene		5175637870	5056121747	5062590080	5077379040	4694060200	5013157787
Aroclor-1248-1	(1)	96151235	101173276	106208356	111512520	110549280	105118933
Aroclor-1248-2	(2)	134456241	142517627	150226096	159660040	159777460	149327493
Aroclor-1248-3	(3)	143332101	151082947	159714030	169070604	168858280	158411592
Aroclor-1248-4	(4)	168393487	177299203	184813874	193701216	188544620	182550480
Aroclor-1248-5	(5)	162171392	168228800	176144562	182809080	188663420	175603451
Decachlorobiphenyl		3812249930	3973614533	4145380680	4445118560	4295672800	4134407301
Tetrachloro-m-xylene		4965646150	5143987440	5236574340	5255843080	4633325600	5047075322
Aroclor-1254-1	(1)	245816740	256457156	269229946	279215328	303441080	270832050
Aroclor-1254-2	(2)	215464605	225390397	238770420	248817564	271658880	240020373
Aroclor-1254-3	(3)	351887512	364509791	380441060	386791796	393925500	375511132
Aroclor-1254-4	(4)	202983022	209924784	220508360	226093392	228876240	217677160
Aroclor-1254-5	(5)	301571990	312619885	327015726	332817532	339773740	322759775
Decachlorobiphenyl		3941299730	4071714027	4258931580	4374402200	4331619600	4195593427
Tetrachloro-m-xylene		5092418740	5228867107	5367266300	5227916200	4998387200	5182971109
Aroclor-1268-1	(1)	656711077	629047555	645909990	662020976	635929760	645923872

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	598855523	573599667	581583226	594062960	559533920	581527059	3
Aroclor-1268-3	(3)	514109640	473779721	502419092	515326152	488714860	498869893	4
Aroclor-1268-4	(4)	204541613	194882907	202546298	212150808	201074520	203039229	3
Aroclor-1268-5	(5)	1554458685	1488724905	1492118486	1500575756	1388253260	1484826218	4
Decachlorobiphenyl		7216327300	6964723040	7142803680	7406390760	7194775600	7185004076	2
Tetrachloro-m-xylene		5353757740	5060175947	5259788400	5326606440	4764065600	5152878825	5

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Instrument ID: ECD_O Date(s) Analyzed: 12/06/2024 12/06/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.93	3.83	4.03	113144000
		2	4.01	3.91	4.11	86720400
		3	4.09	3.99	4.19	254206000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.09	3.99	4.19	204770000
		2	4.59	4.49	4.69	114353000
		3	4.83	4.73	4.93	197477000
		4	5.01	4.91	5.11	108380000
		5	5.05	4.95	5.15	78329400
Aroclor-1262	500	1	6.87	6.77	6.97	658396000
		2	7.37	7.27	7.47	1111710000
		3	7.65	7.55	7.75	436856000
		4	7.72	7.62	7.82	806298000
		5	8.22	8.12	8.32	354936000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Instrument ID: ECD_O Date(s) Analyzed: 12/06/2024 12/06/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.92	3.82	4.02	62122600
		2	4.01	3.91	4.11	47445000
		3	4.08	3.98	4.18	140587000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.08	3.98	4.18	112052000
		2	4.82	4.72	4.92	105754000
		3	4.99	4.89	5.09	60347200
		4	5.08	4.98	5.18	55556400
		5	5.25	5.15	5.35	57576200
Aroclor-1262	500	1	6.84	6.74	6.94	337974000
		2	7.34	7.24	7.44	571854000
		3	7.62	7.52	7.72	224428000
		4	7.69	7.59	7.79	409588000
		5	8.18	8.08	8.28	184828000

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Continuing Calib Date: 12/20/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 09:01 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.80	4.81	4.71	4.91	0.01
Aroclor-1016-2	(2)	4.82	4.83	4.73	4.93	0.01
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.36	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.01
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Continuing Calib Date: 12/20/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 09:01 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.27	6.29	6.19	6.39	0.02
Aroclor-1260-2	(2)	6.46	6.47	6.37	6.57	0.01
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.02
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.70	3.71	3.61	3.81	0.01
Decachlorobiphenyl		8.72	8.74	8.64	8.84	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL01 Date Analyzed: 12/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108695.D Time Analyzed: 09:01

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.802	4.709	4.909	540.200	500.000	8.0
Aroclor-1016-2	4.822	4.729	4.929	555.450	500.000	11.1
Aroclor-1016-3	4.878	4.785	4.985	556.300	500.000	11.3
Aroclor-1016-4	4.999	4.907	5.107	553.360	500.000	10.7
Aroclor-1016-5	5.257	5.165	5.365	537.750	500.000	7.6
Aroclor-1260-1	6.300	6.210	6.410	526.700	500.000	5.3
Aroclor-1260-2	6.489	6.398	6.598	514.670	500.000	2.9
Aroclor-1260-3	6.858	6.769	6.969	492.010	500.000	-1.6
Aroclor-1260-4	7.119	7.029	7.229	506.910	500.000	1.4
Aroclor-1260-5	7.360	7.270	7.470	520.510	500.000	4.1
Decachlorobiphenyl	8.775	8.691	8.891	48.660	50.000	-2.7
Tetrachloro-m-xylene	3.705	3.610	3.810	58.880	50.000	17.8

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL01 Date Analyzed: 12/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108695.D Time Analyzed: 09:01

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.788	4.698	4.898	572.050	500.000	14.4
Aroclor-1016-2	4.809	4.718	4.918	577.950	500.000	15.6
Aroclor-1016-3	4.984	4.894	5.094	566.540	500.000	13.3
Aroclor-1016-4	5.026	4.935	5.135	551.940	500.000	10.4
Aroclor-1016-5	5.240	5.150	5.350	576.040	500.000	15.2
Aroclor-1260-1	6.274	6.186	6.386	563.160	500.000	12.6
Aroclor-1260-2	6.461	6.373	6.573	567.390	500.000	13.5
Aroclor-1260-3	6.615	6.527	6.727	557.150	500.000	11.4
Aroclor-1260-4	7.087	7.000	7.200	566.280	500.000	13.3
Aroclor-1260-5	7.327	7.239	7.439	583.460	500.000	16.7
Decachlorobiphenyl	8.723	8.641	8.841	54.460	50.000	8.9
Tetrachloro-m-xylene	3.702	3.608	3.808	58.010	50.000	16.0

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Continuing Calib Date: 12/20/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 14:53 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.80	4.81	4.71	4.91	0.01
Aroclor-1016-2	(2)	4.82	4.83	4.73	4.93	0.01
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.36	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Continuing Calib Date: 12/20/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 14:53 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.46	6.47	6.37	6.57	0.01
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.70	3.71	3.61	3.81	0.01
Decachlorobiphenyl		8.73	8.74	8.64	8.84	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL02 Date Analyzed: 12/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108708.D Time Analyzed: 14:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.802	4.709	4.909	513.110	500.000	2.6
Aroclor-1016-2	4.821	4.729	4.929	445.990	500.000	-10.8
Aroclor-1016-3	4.879	4.785	4.985	489.170	500.000	-2.2
Aroclor-1016-4	5.000	4.907	5.107	482.600	500.000	-3.5
Aroclor-1016-5	5.257	5.165	5.365	464.390	500.000	-7.1
Aroclor-1260-1	6.300	6.210	6.410	466.240	500.000	-6.8
Aroclor-1260-2	6.489	6.398	6.598	463.300	500.000	-7.3
Aroclor-1260-3	6.858	6.769	6.969	453.360	500.000	-9.3
Aroclor-1260-4	7.119	7.029	7.229	447.240	500.000	-10.6
Aroclor-1260-5	7.360	7.270	7.470	445.550	500.000	-10.9
Decachlorobiphenyl	8.775	8.691	8.891	43.650	50.000	-12.7
Tetrachloro-m-xylene	3.706	3.610	3.810	47.630	50.000	-4.7

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL02 Date Analyzed: 12/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108708.D Time Analyzed: 14:53

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.790	4.698	4.898	515.410	500.000	3.1
Aroclor-1016-2	4.810	4.718	4.918	513.630	500.000	2.7
Aroclor-1016-3	4.986	4.894	5.094	508.290	500.000	1.7
Aroclor-1016-4	5.027	4.935	5.135	499.210	500.000	-0.2
Aroclor-1016-5	5.241	5.150	5.350	522.770	500.000	4.6
Aroclor-1260-1	6.276	6.186	6.386	512.750	500.000	2.6
Aroclor-1260-2	6.463	6.373	6.573	511.890	500.000	2.4
Aroclor-1260-3	6.616	6.527	6.727	511.380	500.000	2.3
Aroclor-1260-4	7.088	7.000	7.200	531.830	500.000	6.4
Aroclor-1260-5	7.329	7.239	7.439	533.750	500.000	6.8
Decachlorobiphenyl	8.726	8.641	8.841	49.680	50.000	-0.6
Tetrachloro-m-xylene	3.704	3.608	3.808	51.410	50.000	2.8

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Continuing Calib Date: 12/20/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 20:11 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.80	4.81	4.71	4.91	0.01
Aroclor-1016-2	(2)	4.82	4.83	4.73	4.93	0.01
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.36	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.77	8.79	8.69	8.89	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

Continuing Calib Date: 12/20/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 20:11 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.46	6.47	6.37	6.57	0.01
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.70	3.71	3.61	3.81	0.01
Decachlorobiphenyl		8.72	8.74	8.64	8.84	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL03 Date Analyzed: 12/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108723.D Time Analyzed: 20:11

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.803	4.709	4.909	474.430	500.000	-5.1
Aroclor-1016-2	4.822	4.729	4.929	487.550	500.000	-2.5
Aroclor-1016-3	4.878	4.785	4.985	489.360	500.000	-2.1
Aroclor-1016-4	4.999	4.907	5.107	483.220	500.000	-3.4
Aroclor-1016-5	5.257	5.165	5.365	478.880	500.000	-4.2
Aroclor-1260-1	6.300	6.210	6.410	485.350	500.000	-2.9
Aroclor-1260-2	6.489	6.398	6.598	485.740	500.000	-2.9
Aroclor-1260-3	6.858	6.769	6.969	466.730	500.000	-6.7
Aroclor-1260-4	7.119	7.029	7.229	458.660	500.000	-8.3
Aroclor-1260-5	7.360	7.270	7.470	459.400	500.000	-8.1
Decachlorobiphenyl	8.774	8.691	8.891	44.350	50.000	-11.3
Tetrachloro-m-xylene	3.706	3.610	3.810	50.250	50.000	0.5

CALIBRATION VERIFICATION SUMMARY

Contract: PARS02

Lab Code: CHEM Case No.: P5361 SAS No.: P5361 SDG NO.: P5361

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL03 Date Analyzed: 12/20/2024

Lab Sample No.: AR1660CCC500 Data File : PO108723.D Time Analyzed: 20:11

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.698	4.898	528.870	500.000	5.8
Aroclor-1016-2	4.810	4.718	4.918	532.860	500.000	6.6
Aroclor-1016-3	4.986	4.894	5.094	522.170	500.000	4.4
Aroclor-1016-4	5.027	4.935	5.135	504.670	500.000	0.9
Aroclor-1016-5	5.241	5.150	5.350	550.480	500.000	10.1
Aroclor-1260-1	6.275	6.186	6.386	530.890	500.000	6.2
Aroclor-1260-2	6.462	6.373	6.573	532.130	500.000	6.4
Aroclor-1260-3	6.616	6.527	6.727	527.280	500.000	5.5
Aroclor-1260-4	7.088	7.000	7.200	546.940	500.000	9.4
Aroclor-1260-5	7.328	7.239	7.439	547.510	500.000	9.5
Decachlorobiphenyl	8.724	8.641	8.841	50.810	50.000	1.6
Tetrachloro-m-xylene	3.703	3.608	3.808	52.800	50.000	5.6

Analytical Sequence

Client: PARSONS Engineering of New York, Inc.	SDG No.: P5361
Project: Con Edison Non-MGP - East River 453648.6	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 12/06/2024 12/06/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	12/06/2024	14:01	PO108361.D	8.79	3.71
AR1660ICC1000	AR1660ICC1000	12/06/2024	14:19	PO108362.D	8.79	3.71
AR1660ICC750	AR1660ICC750	12/06/2024	14:38	PO108363.D	8.79	3.71
AR1660ICC500	AR1660ICC500	12/06/2024	14:56	PO108364.D	8.79	3.71
AR1660ICC250	AR1660ICC250	12/06/2024	15:14	PO108365.D	8.79	3.71
AR1660ICC050	AR1660ICC050	12/06/2024	15:33	PO108366.D	8.79	3.71
AR1221ICC500	AR1221ICC500	12/06/2024	15:51	PO108367.D	8.79	3.71
AR1232ICC500	AR1232ICC500	12/06/2024	16:09	PO108368.D	8.79	3.71
AR1242ICC1000	AR1242ICC1000	12/06/2024	16:28	PO108369.D	8.79	3.71
AR1242ICC750	AR1242ICC750	12/06/2024	16:46	PO108370.D	8.79	3.71
AR1242ICC500	AR1242ICC500	12/06/2024	17:04	PO108371.D	8.79	3.71
AR1242ICC250	AR1242ICC250	12/06/2024	17:23	PO108372.D	8.79	3.71
AR1242ICC050	AR1242ICC050	12/06/2024	17:41	PO108373.D	8.79	3.71
AR1248ICC1000	AR1248ICC1000	12/06/2024	17:59	PO108374.D	8.79	3.71
AR1248ICC750	AR1248ICC750	12/06/2024	18:18	PO108375.D	8.79	3.71
AR1248ICC500	AR1248ICC500	12/06/2024	18:36	PO108376.D	8.79	3.71
AR1248ICC250	AR1248ICC250	12/06/2024	18:54	PO108377.D	8.79	3.71
AR1248ICC050	AR1248ICC050	12/06/2024	19:13	PO108378.D	8.79	3.71
AR1254ICC1000	AR1254ICC1000	12/06/2024	19:31	PO108379.D	8.79	3.71
AR1254ICC750	AR1254ICC750	12/06/2024	19:49	PO108380.D	8.79	3.71
AR1254ICC500	AR1254ICC500	12/06/2024	20:08	PO108381.D	8.79	3.71
AR1254ICC250	AR1254ICC250	12/06/2024	20:26	PO108382.D	8.79	3.71
AR1254ICC050	AR1254ICC050	12/06/2024	20:44	PO108383.D	8.79	3.71
AR1262ICC500	AR1262ICC500	12/06/2024	21:03	PO108384.D	8.79	3.71
AR1268ICC1000	AR1268ICC1000	12/06/2024	21:21	PO108385.D	8.79	3.71
AR1268ICC750	AR1268ICC750	12/06/2024	21:39	PO108386.D	8.79	3.71
AR1268ICC500	AR1268ICC500	12/06/2024	21:58	PO108387.D	8.79	3.71
AR1268ICC250	AR1268ICC250	12/06/2024	22:16	PO108388.D	8.79	3.71
AR1268ICC050	AR1268ICC050	12/06/2024	22:34	PO108389.D	8.79	3.71
AR1660CCC500	AR1660CCC500	12/20/2024	09:01	PO108695.D	8.78	3.71
IBLK	IBLK	12/20/2024	10:14	PO108699.D	8.77	3.71
PB165777BL	PB165777BL	12/20/2024	14:17	PO108706.D	8.78	3.71
PB165777BS	PB165777BS	12/20/2024	14:35	PO108707.D	8.78	3.71
AR1660CCC500	AR1660CCC500	12/20/2024	14:53	PO108708.D	8.78	3.71
IBLK	IBLK	12/20/2024	16:07	PO108712.D	8.77	3.71
RBR251688MS	P5355-01MS	12/20/2024	16:44	PO108714.D	8.78	3.71
RBR251688MSD	P5355-01MSD	12/20/2024	17:02	PO108715.D	8.77	3.71
SB-01-20241219-7.0-7.5	P5361-01	12/20/2024	17:39	PO108717.D	8.78	3.71
SB-01-20241219-9.0-9.5	P5361-02	12/20/2024	17:56	PO108718.D	8.77	3.70
AR1660CCC500	AR1660CCC500	12/20/2024	20:11	PO108723.D	8.77	3.71
IBLK	IBLK	12/20/2024	21:24	PO108727.D	8.78	3.71

Analytical Sequence

Client: PARSONS Engineering of New York, Inc.	SDG No.: P5361
Project: Con Edison Non-MGP - East River 453648.6	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 12/06/2024 12/06/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	12/06/2024	14:01	PO108361.D	8.74	3.71
AR1660ICC1000	AR1660ICC1000	12/06/2024	14:19	PO108362.D	8.74	3.71
AR1660ICC750	AR1660ICC750	12/06/2024	14:38	PO108363.D	8.74	3.71
AR1660ICC500	AR1660ICC500	12/06/2024	14:56	PO108364.D	8.74	3.71
AR1660ICC250	AR1660ICC250	12/06/2024	15:14	PO108365.D	8.74	3.71
AR1660ICC050	AR1660ICC050	12/06/2024	15:33	PO108366.D	8.74	3.71
AR1221ICC500	AR1221ICC500	12/06/2024	15:51	PO108367.D	8.74	3.71
AR1232ICC500	AR1232ICC500	12/06/2024	16:09	PO108368.D	8.74	3.71
AR1242ICC1000	AR1242ICC1000	12/06/2024	16:28	PO108369.D	8.74	3.71
AR1242ICC750	AR1242ICC750	12/06/2024	16:46	PO108370.D	8.74	3.71
AR1242ICC500	AR1242ICC500	12/06/2024	17:04	PO108371.D	8.74	3.71
AR1242ICC250	AR1242ICC250	12/06/2024	17:23	PO108372.D	8.74	3.71
AR1242ICC050	AR1242ICC050	12/06/2024	17:41	PO108373.D	8.74	3.71
AR1248ICC1000	AR1248ICC1000	12/06/2024	17:59	PO108374.D	8.74	3.71
AR1248ICC750	AR1248ICC750	12/06/2024	18:18	PO108375.D	8.74	3.71
AR1248ICC500	AR1248ICC500	12/06/2024	18:36	PO108376.D	8.74	3.71
AR1248ICC250	AR1248ICC250	12/06/2024	18:54	PO108377.D	8.74	3.71
AR1248ICC050	AR1248ICC050	12/06/2024	19:13	PO108378.D	8.74	3.71
AR1254ICC1000	AR1254ICC1000	12/06/2024	19:31	PO108379.D	8.74	3.71
AR1254ICC750	AR1254ICC750	12/06/2024	19:49	PO108380.D	8.74	3.71
AR1254ICC500	AR1254ICC500	12/06/2024	20:08	PO108381.D	8.74	3.71
AR1254ICC250	AR1254ICC250	12/06/2024	20:26	PO108382.D	8.74	3.71
AR1254ICC050	AR1254ICC050	12/06/2024	20:44	PO108383.D	8.74	3.71
AR1262ICC500	AR1262ICC500	12/06/2024	21:03	PO108384.D	8.74	3.71
AR1268ICC1000	AR1268ICC1000	12/06/2024	21:21	PO108385.D	8.74	3.71
AR1268ICC750	AR1268ICC750	12/06/2024	21:39	PO108386.D	8.74	3.71
AR1268ICC500	AR1268ICC500	12/06/2024	21:58	PO108387.D	8.74	3.71
AR1268ICC250	AR1268ICC250	12/06/2024	22:16	PO108388.D	8.74	3.71
AR1268ICC050	AR1268ICC050	12/06/2024	22:34	PO108389.D	8.74	3.71
AR1660CCC500	AR1660CCC500	12/20/2024	09:01	PO108695.D	8.72	3.70
IBLK	IBLK	12/20/2024	10:14	PO108699.D	8.72	3.70
PB165777BL	PB165777BL	12/20/2024	14:17	PO108706.D	8.73	3.70
PB165777BS	PB165777BS	12/20/2024	14:35	PO108707.D	8.73	3.70
AR1660CCC500	AR1660CCC500	12/20/2024	14:53	PO108708.D	8.73	3.70
IBLK	IBLK	12/20/2024	16:07	PO108712.D	8.73	3.70
RBR251688MS	P5355-01MS	12/20/2024	16:44	PO108714.D	8.73	3.70
RBR251688MSD	P5355-01MSD	12/20/2024	17:02	PO108715.D	8.72	3.70
SB-01-20241219-7.0-7.5	P5361-01	12/20/2024	17:39	PO108717.D	8.73	3.70
SB-01-20241219-9.0-9.5	P5361-02	12/20/2024	17:56	PO108718.D	8.72	3.70
AR1660CCC500	AR1660CCC500	12/20/2024	20:11	PO108723.D	8.72	3.70
IBLK	IBLK	12/20/2024	21:24	PO108727.D	8.72	3.70



QC SAMPLE DATA

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:		
Client Sample ID:	PB165777BL		SDG No.:	P5361	
Lab Sample ID:	PB165777BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
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
PO108706.D	1	12/20/24 08:30	12/20/24 14:17	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	17.0	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	17.0	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		32 - 175	109%	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:	PARSONS Engineering of New York, Inc.		Date Collected:	12/06/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/06/24	
Client Sample ID:	PIBLK-PO108361.D		SDG No.:	P5361	
Lab Sample ID:	I.BLK-PO108361.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108361.D	1		12/06/24	PO120624

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	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		60 - 140	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 140	118%	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:	PARSONS Engineering of New York, Inc.		Date Collected:	12/20/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/20/24	
Client Sample ID:	PIBLK-PO108699.D		SDG No.:	P5361	
Lab Sample ID:	I.BLK-PO108699.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108699.D	1		12/20/24	PO122024

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	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.4		60 - 140	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		60 - 140	111%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	12/20/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/20/24	
Client Sample ID:	PIBLK-PO108712.D		SDG No.:	P5361	
Lab Sample ID:	I.BLK-PO108712.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108712.D	1		12/20/24	PO122024

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	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.0		60 - 140	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		60 - 140	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	12/20/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/20/24	
Client Sample ID:	PIBLK-PO108727.D		SDG No.:	P5361	
Lab Sample ID:	I.BLK-PO108727.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108727.D	1		12/20/24	PO122024

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	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.50	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.50	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.50	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.50	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.50	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.50	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.50	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		60 - 140	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		60 - 140	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

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:		
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:		
Client Sample ID:	PB165777BS		SDG No.:	P5361	
Lab Sample ID:	PB165777BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
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
PO108707.D	1	12/20/24 08:30	12/20/24 14:35	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	161		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	17.0	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	17.0	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	17.0	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	17.0	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	17.0	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	17.0	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	17.0	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	164		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		32 - 175	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	PARSONS Engineering of New York, Inc.		Date Collected:	12/19/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/19/24	
Client Sample ID:	RBR251688MS		SDG No.:	P5361	
Lab Sample ID:	P5355-01MS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	81.7	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108714.D	1	12/20/24 08:30	12/20/24 16:44	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	232		4.10	20.8	ug/kg
11104-28-2	Aroclor-1221	20.8	U	7.80	20.8	ug/kg
11141-16-5	Aroclor-1232	20.8	U	4.20	20.8	ug/kg
53469-21-9	Aroclor-1242	20.8	U	4.10	20.8	ug/kg
12672-29-6	Aroclor-1248	20.8	U	9.70	20.8	ug/kg
11097-69-1	Aroclor-1254	20.8	U	3.30	20.8	ug/kg
37324-23-5	Aroclor-1262	20.8	U	5.60	20.8	ug/kg
11100-14-4	Aroclor-1268	20.8	U	4.20	20.8	ug/kg
11096-82-5	Aroclor-1260	232		3.60	20.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		32 - 144	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		32 - 175	93%	SPK: 20

Comments:

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LOD = Limit of Detection

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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:	PARSONS Engineering of New York, Inc.		Date Collected:	12/19/24	
Project:	Con Edison Non-MGP - East River 453648.60024.03		Date Received:	12/19/24	
Client Sample ID:	RBR251688MSD		SDG No.:	P5361	
Lab Sample ID:	P5355-01MSD		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	81.7	Decanted:
Sample Wt/Vol:	30.07	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
PO108715.D	1	12/20/24 08:30	12/20/24 17:02	PB165777

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	231		4.10	20.8	ug/kg
11104-28-2	Aroclor-1221	20.8	U	7.80	20.8	ug/kg
11141-16-5	Aroclor-1232	20.8	U	4.20	20.8	ug/kg
53469-21-9	Aroclor-1242	20.8	U	4.10	20.8	ug/kg
12672-29-6	Aroclor-1248	20.8	U	9.60	20.8	ug/kg
11097-69-1	Aroclor-1254	20.8	U	3.30	20.8	ug/kg
37324-23-5	Aroclor-1262	20.8	U	5.60	20.8	ug/kg
11100-14-4	Aroclor-1268	20.8	U	4.20	20.8	ug/kg
11096-82-5	Aroclor-1260	231		3.60	20.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	93%	SPK: 20

Comments:

U = Not Detected

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MDL = Method Detection Limit

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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