

August 21, 2023 J5174-04-06

Worcester Public Schools 20 Irving Street Worcester, MA 01609, MA 02035

Attn: Kristen Tran,

Environmental Health and Safety Coordinator

Subject: Annual PCB Air Monitoring Results, June 2023

Doherty High School

Dear Kristen:

In accordance with our proposal, we have completed the annual indoor air monitoring program for polychlorinated biphenyls (PCBs) at Doherty High School. Indoor air samples were collected between 8:45 AM and 3:15 PM on June 27, 2023. The samples were transported to Alpha Analytical Laboratories of Westborough, Massachusetts (Alpha) according to chain of custody protocols on the day of sampling.

Indoor air analytical results from Alpha are attached. A table summarizing laboratory results to date is also included as an attachment.

Description of the Sampling and Analysis Method

The method used for the sampling and analysis of PCBs in the air at Doherty High School is consistent with the United States Environmental Protection Agency (EPA) Method-10A. The procedure is based on the adsorption of PCBs from ambient air onto polyurethane foam (PUF) sample media. According to the EPA, this low volume PUF sampling procedure is applicable to PCB concentrations ranging from 0.001 to 50 $\mu g/m^3$ over 4- to 24-hour sampling periods.

The limits of detection for the method are dependent on the volume of air that passes through the PUF sample media; for the Doherty High School sampling, the goal was to achieve a detection limit of less than 100 nanograms per cubic meter (ng/m³). During this sampling round, sample volumes were approximately 1 cubic meter resulting in a detection limit of less than 10 ng/m³ for each sample.

Quality Assurance

Quality assurance for the sampling round was achieved by collecting quality control samples (one duplicate, one background [ambient outside conditions], and one field blank sample) and through the laboratory's surrogate spike sample analysis.

Each of the quality assurance objectives for the sampling and analysis program were achieved.

Air Testing Results

The results of the air testing program are summarized in Table 1. PCB results ranged from 7 to 226 ng/m³. All results were less than the EPA recommended levels for adults in schools (500 ng/m³) and for high school students (600 ng/m³).

Results obtained during this sampling round are consistent with past results. Samples were received by Alpha in a timely manner and their condition was in accordance with the Method-10A requirements.

It should be noted, the results for Doherty High School are consistent with those from Burncoat High School, collected on June 28, 2023. Therefore, based on the EPA recommended exposure levels of PBCs for adults and high school students, the concentrations of PCBs detected at Doherty High School would not be expected to pose a health risk to students or staff.

If you have any questions, please contact us.

Sincerely,

Ubnathan Hermanson Project Manager

O'Reilly, Talbot & Okun Associates, Inc.

Robert Kirchherr, CSP

Principal

Attachments: Table 1 – Summary of Indoor Air Sampling Analytical Results

Alpha Analytical Laboratories, Inc. Report

EPA Method-10A

cc Mr. Richard Ikonen, Facilities Director

TABLE 1 **Summary of Indoor Air Sampling Analytical Results Doherty High School** June 2023

				EPA Criteria	(ng/m³)
				Students	600
				Adults	500
Sample Location	Sample Date	Sample Number	Total ng PCBs Detected (per cartridge)	Sample Volume (liters)	PCB Air Concentration ng/m³
	4/24/2017	OH42417AP-11	123	787.50	156
	2/22/2018	DOH22218AUD-02	129	887.00	145
	12/27/2018	DOH-AUD-01	246.2	992.50	248
Auditorium	5/5/2020	L2018562-01	152	962.10	158
	6/22/2021	L2133864-01	380	935.70	406
	6/22/2022	L2233318-05	23.5	1182.00	20
	6/27/2023	L2337109-01	231	1022.40	226
	12/27/2018	DOH-AUD-R-02	222.7	992.50	224
Auditorium	5/5/2020	L2018562-02	159	965.60	165
Duplicate	6/22/2021	L2133864-02	377	940.21	400
Daphouto	6/22/2022	Pump Fault			
	6/27/2023	L2337109-02	102	1022.40	100
	4/24/2017	DOH42417MO-09	81.5	802.50	102
	2/22/2018	DOH22218140-01	51.2	887.00	58
	12/27/2018	DOH-MO-03	132.7	1000.00	133
Main Office	5/5/2020	L2018562-03	97.3	981.30	99
	6/22/2021	L2133864-03	73.9	942.31	78
	6/22/2022	L2233318-02	15	1249.00	12
	6/27/2023	L2337109-03	109	1008.00	108
Main Office	4/24/2017	DOH42417MOR-10	65.2	797.50	82
Duplicate	6/22/2021	L2133864-04	75.1	945.32	79.0
Daphoato	6/22/2022	L2233318-03	14.3	1249.00	12
	4/24/2017	DOH42417CAF-07	<10	862.40	<12
	2/22/2018	DOH22218CAF-05	<10	873.50	<11
	12/27/2018	DOH-CAF-04	<10	1012.50	<10
Cafeteria	5/5/2020	L2018562-04	<10	971.50	<10
	6/22/2021	L2133864-05	73.3	954.50	77
	6/22/2022	L2233318-06	0	1215.00	0
	6/27/2023	L2337109-04	32.8	1022.40	32

TABLE 1
Summary of Indoor Air Sampling Analytical Results
Doherty High School
June 2023

Sample Location	Sample Date	Sample Number	Total ng PCBs Detected (per cartridge)	Sample Volume (liters)	PCB Air Concentration ng/m³
	4/24/2017	DOH42417106-08	<10	886.60	<11
	2/22/2018	DOH22218106-04	75.7	875.80	86
	12/27/2018	DOH-106-05	38.5	990.00	39
Room 106	5/5/2020	L2018562-05	11.1	975.00	11
	6/22/2021	L2133864-06	60.2	953.40	63
	6/22/2022	L2233318-01	10.2	1220.00	8
	6/27/2023	L2337109-05	38.0	1022.40	37
	4/24/2017	DOH42417204-01	13.9	865.00	16.1
	2/22/2018	DOH22218204-07	100	862.50	116
	12/27/2018	DOH-204-09	57.5	952.50	60
Room 204	5/5/2020	L2018562-11	73.8	952.80	77
	6/22/2021	L2133864-07	160	952.57	168
	6/22/2022	Pump Fault			
	6/27/2023	L2337109-06	81.4	1008.00	81
	4/24/2017	DOH42417210-02	<10	845.70	<12
	2/22/2018	DOH222182N-06	<10	862.50	<12
	12/27/2018	DOH-210-06	<10	997.50	<10
Room 210	5/5/2020	L2018562-06	<10	955.50	<10
	6/22/2021	L2133864-08	24	961.20	25
	6/22/2022	L2233318-08	0	1098.00	0
	6/27/2023	L2337109-07	7.21	1015.20	7
	4/24/2017	DOH42417310-04	51.2	840.00	61
	2/22/2018	DOH22218310-08	14.1	850.00	17
Room 310	12/27/2018	DOH-310-07	16.6	1002.50	17
Koom 310	6/22/2021	L2133864-09	151	945.60	160
	6/22/2022	L2233318-09	13	961.70	14
	6/27/2023	L2337109-08	35.7	1011.60	35
	4/24/2017	DOH42417313B-03	<10	872.90	<12
	2/22/2018	DOH22218313B-09	38.5	823.30	47
	12/27/2018	DOH-313-08	<10	977.50	<10
Room 313B	5/5/2020	L2018562-07	<10	961.70	<10
	6/22/2021	L2133864-10	188	946.51	199
	6/22/2022	L2233318-10	13	956.34	14
	6/27/2023	L2337109-09	36.6	1018.80	36

TABLE 1 Summary of Indoor Air Sampling Analytical Results Doherty High School June 2023

Sample Location	Sample Date	Sample Number	Total ng PCBs Detected (per cartridge)	Sample Volume (liters)	PCB Air Concentration ng/m³			
	4/24/2017	DOH42417406-05	<10	857.50	<12			
	2/22/2018	DOH22218406-11	53.9	818.10	66			
	12/27/2018	DOH-406-10	24.2	972.50	25			
Room 406	5/5/2020	L2018562-09	<10	458.20	<10			
	6/22/2021	L2133864-10	188	946.51	199			
	6/22/2022	L2233318-12	11.2	988.90	11			
	6/27/2023	L2337109-10	10.4	954.00	11			
	4/24/2017	DOH42417423-06	<10	812.10	<12			
	2/22/2018	DOH22218423-10	13.9	797.90	17			
	12/27/2018	DOH-423-11	<10	975.00	<10			
Room 423	5/5/2020	L2018562-08	<10	962.90	<10			
	6/22/2021	L2133864-12	69.5	952.35	73			
	6/22/2022	L2233318-11	0	941.05	0			
	6/27/2023	L2337109-11	7.15	1015.20	7			
	4/24/2017	DOH42417OS-12	<10	779.10	<13			
	2/22/2018	DOH2221805-12	<10	819.20	<12			
Outside	12/27/2018	DOHOS-12	<10	977.50	<10			
(Ambient	5/5/2020	L2018562-10	<10	962.50	<10			
Background)	6/22/2021	L2133864-13	<10	951.22	<10			
	6/22/2022	L2233318-13	<10	926.30	<10			
	6/27/2023	L2337109-12	<5	1018.80	<4.9			
	4/24/2017	DOH42417FB-13	<10	NA	NA			
	2/22/2018	DOH22218FB-13	<10	NA	NA			
	12/27/2018	DOH-FB-13	<10	NA	NA			
Field Blank	5/5/2020	L2018562-12	<10	NA	NA			
	6/22/2021	L2133864-14	<10	NA	NA			
	6/22/2022	Sampl	337109-11					
	6/27/2023	L2337109-13	<5	NA	NA			

Notes:

- 1. YELLOW highlighed rows represent June 27, 2023 data.
- 2. Samples collected using polyurethane foam (PUF) cartridges and calibrated sampling pumps per EPA Method
- 3. Sample locations are room numbers in Doherty HS.
- 4. Sample volume is the amount of air drawn through the PUF sampling cartridge.
- 5. ng total PCBs detected in sample is the total mass of PCBs detected on the PUF sample cartridge in nanograms.
- 6. PCB concentration in air is calculated dividing the PCB per cartridge result by the total volume, and multiplying by 1,000 l/m3 (liters per cubic meter).
- 7. These are EPA's exposure levels for evaluation PCBs in school air, which may be found at: https://www.epa.gov/pcbs/exposure-levels-evaluating-polychlorinated-biphenyls-pcbs-indoor-school-air



ANALYTICAL REPORT

Lab Number: L2337109

Client: O'Reilly, Talbot & Okun Associates

293 Bridge Street

Suite 500

Springfield, MA 01103

ATTN: Christine Arruda
Phone: (413) 788-6222

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

Report Date: 07/24/23

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806 508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

Lab Number: L2337109 **Report Date:** 07/24/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2337109-01	AUDITORIUM	AIR MEDIA	WORCESTER, MA	06/27/23 15:04	06/28/23
L2337109-02	AUDITORIUM DUP	AIR MEDIA	WORCESTER, MA	06/27/23 15:04	06/28/23
L2337109-03	MAIN OFFICE	AIR MEDIA	WORCESTER, MA	06/27/23 15:07	06/28/23
L2337109-04	CAFETERIA	AIR MEDIA	WORCESTER, MA	06/27/23 15:08	06/28/23
L2337109-05	ROOM 106	AIR MEDIA	WORCESTER, MA	06/27/23 15:08	06/28/23
L2337109-06	ROOM 204	AIR MEDIA	WORCESTER, MA	06/27/23 15:01	06/28/23
L2337109-07	ROOM 210	AIR MEDIA	WORCESTER, MA	06/27/23 15:00	06/28/23
L2337109-08	ROOM 310	AIR MEDIA	WORCESTER, MA	06/27/23 14:57	06/28/23
L2337109-09	ROOM 313B	AIR MEDIA	WORCESTER, MA	06/27/23 14:55	06/28/23
L2337109-10	ROOM 406	AIR MEDIA	WORCESTER, MA	06/27/23 14:49	06/28/23
L2337109-11	ROOM 423	AIR MEDIA	WORCESTER, MA	06/27/23 14:51	06/28/23
L2337109-12	AMBIENT	AIR MEDIA	WORCESTER, MA	06/27/23 15:06	06/28/23
L2337109-13	FIELD BLANK	AIR MEDIA	WORCESTER, MA	06/27/23 00:00	06/28/23



Project Name: DOHERTY SCHOOL Lab Number: L2337109
Project Number: 5174-01-09 Report Date: 07/24/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.	



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

Case Narrative (continued)

Sample Receipt

The samples were received at the laboratory above the required temperature range. The samples were transported via Alpha Courier in a cooler with ice. All requested analyses were performed.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

hulyhm Jennifer Jerome

Authorized Signature:

Title: Technical Director/Representative Date: 07/24/23

ORGANICS



PCBS



L2337109

06/27/23 15:04

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Lab Number:

Date Collected:

Report Date: 07/24/23

Lab ID: L2337109-01 Client ID: **AUDITORIUM** Sample Location: WORCESTER, MA

Date Received: 06/28/23 Field Prep: Not Specified

Sample Depth:

Matrix: Air Media

Extraction Method: EPA 3540C **Extraction Date:** 07/04/23 17:49 Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 15:38

Analyst: CNC

Volume of Air:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI1-BZ#1	ND		ng/cart	5.00		1
CI1-BZ#2	ND		ng/cart	5.00		1
CL1-BZ#3	ND		ng/cart	5.00		1
CI2-BZ#4/#10	ND		ng/cart	10.0		1
CI2-BZ#9	ND		ng/cart	5.00		1
Cl2-BZ#7	ND		ng/cart	5.00		1
CI2-BZ#6	ND		ng/cart	5.00		1
CI2-BZ#5	ND		ng/cart	5.00		1
CI2-BZ#8	ND		ng/cart	5.00		1
Cl3-BZ#19	ND		ng/cart	5.00		1
Cl2-BZ#14	ND		ng/cart	5.00		1
Cl3-BZ#30	ND		ng/cart	5.00		1
Cl3-BZ#18	7.53		ng/cart	5.00		1
Cl2-BZ#11	ND		ng/cart	5.00		1
Cl3-BZ#17	ND		ng/cart	5.00		1
Cl2-BZ#12	ND		ng/cart	5.00		1
Cl3-BZ#27	ND		ng/cart	5.00		1
CI2-BZ#13	ND		ng/cart	5.00		1
Cl3-BZ#24	ND		ng/cart	5.00		1
Cl3-BZ#16	ND		ng/cart	5.00		1
Cl3-BZ#32	ND		ng/cart	5.00		1
CI2-BZ#15	ND		ng/cart	5.00		1
Cl3-BZ#34	ND		ng/cart	5.00		1
Cl3-BZ#23	ND		ng/cart	5.00		1
Cl4-BZ#54	ND		ng/cart	5.00		1
Cl3-BZ#29	ND		ng/cart	5.00		1
Cl4-BZ#50	ND		ng/cart	5.00		1
Cl3-BZ#26	ND		ng/cart	5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-01

AUDITORIUM

WORCESTER, MA

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:04

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier Uni	s RL	MDL	Dilution Factor
PCB Congeners/Homologs (I	LowVol) - Mansfield Lab				
Cl3-BZ#25	ND	ng/ca	art 5.00		1
CI4-BZ#53	ND	ng/ca			1
Cl3-BZ#-31	8.86	ng/ca			1
Cl3-BZ#28	7.01	ng/ca			1
Cl3-BZ#33	5.34	ng/ca			1
CI4-BZ#51	ND	ng/ca			1
Cl3-BZ#21/#20	ND	ng/ca			1
CI4-BZ#45	ND	ng/ca			1
Cl3-BZ#22	ND	ng/ca			1
CI4-BZ#73/#46	ND	ng/ca			1
Cl4-BZ#69	ND	ng/ca			1
Cl4-BZ#43	ND	ng/ca			1
Cl3-BZ#36	ND	ng/ca			1
CI4-BZ#52	24.5	ng/ca			1
CI4-BZ#48	ND	ng/ca			1
CI4-BZ#49	8.37	ng/ca			1
CI5-BZ#104	ND	ng/ca			1
CI4-BZ#47	ND	ng/ca			1
CI4-BZ#65/#75/#62	ND	ng/ca	art 15.0		1
CI3-BZ#39	ND	ng/ca	art 5.00		1
CI3-BZ#38	ND	ng/ca	art 5.00		1
CI4-BZ#44	11.8	ng/ca	art 5.00		1
CI4-BZ#59	ND	ng/ca	art 5.00		1
CI4-BZ#42	ND	ng/ca	art 5.00		1
Cl4-BZ#71	ND	ng/ca	art 5.00		1
Cl3-BZ#35	ND	ng/ca	art 5.00		1
Cl4-BZ#41	ND	ng/ca	art 5.00		1
CI4-BZ#72	ND	ng/ca	art 5.00		1
CI5-BZ#96	ND	ng/ca	art 5.00		1
CI5-BZ#103	ND	ng/ca	art 5.00		1
CI4-BZ#68/#64	ND	ng/ca	art 10.0		1
CI4-BZ#40	ND	ng/ca	art 5.00		1
Cl3-BZ#37	ND	ng/ca	art 5.00		1
CI5-BZ#100	ND	ng/ca	art 5.00		1
CI5-BZ#94	ND	ng/ca	art 5.00		1
CI4-BZ#57	ND	ng/ca	art 5.00		1
CI4-BZ#67/#58	ND	ng/ca	art 10.0		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-01

AUDITORIUM

WORCESTER, MA

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:04

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
CI4-BZ#74	ND		ng/cart	5.00		1
Cl6-BZ#155	ND		ng/cart	5.00		1
CI4-BZ#70	8.74		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
CI4-BZ#66	5.10		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	18.8		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	6.07		ng/cart	5.00		1
CI6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
CI6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	6.42		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
CI4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-01 Date Collected: 06/27/23 15:04

Client ID: Date Received: 06/28/23 **AUDITORIUM** Sample Location: Field Prep: Not Specified WORCESTER, MA

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	12.9		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		
Cl6-BZ#151	8.40		ng/cart	5.00		1
CI6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
CI6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	21.6		ng/cart	10.0		1
Cl4-BZ#77	ND		ng/cart	5.00		1
CI6-BZ#143/#139	ND		ng/cart	10.0		 1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
CI6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
CI6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	9.58		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	18.1		ng/cart	5.00		1
CI6-BZ#132	6.15		ng/cart	5.00		1
CI7-BZ#179	5.29		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-01 Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
017 07/4400	ND		, .	5.00		,
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	9.47		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	7.96		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
Cl6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
CI6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	6.68		ng/cart	5.00		1
CI6-BZ#128	ND		ng/cart	5.00		1
CI6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	6.32		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI8-BZ#203	ND			F 00		1
			ng/cart	5.00		
CI6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	28.7		ng/cart	5.00		1
Tetrachlorobiphenyls	58.5		ng/cart	5.00		1
Pentachlorobiphenyls	53.8		ng/cart	5.00		1
Hexachlorobiphenyls	63.7		ng/cart	5.00		1
Heptachlorobiphenyls	26.3		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	231		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
CI3-BZ#19-C13	93		50-125	
CI8-BZ#202-C13	86		50-125	



L2337109

06/27/23 15:04

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Report Date: 07/24/23

Lab Number:

Date Collected:

Lab ID: L2337109-02

Client ID: **AUDITORIUM DUP** Sample Location: WORCESTER, MA

Date Received: 06/28/23 Field Prep: Not Specified

Sample Depth:

Matrix: Air Media

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 16:47

Analyst: CNC

Volume of Air:

Extraction Method: EPA 3540C **Extraction Date:** 07/04/23 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI1-BZ#1	ND		ng/cart	5.00		1
CI1-BZ#2	ND		ng/cart	5.00		1
CL1-BZ#3	ND		ng/cart	5.00		1
CI2-BZ#4/#10	ND		ng/cart	10.0		1
CI2-BZ#9	ND		ng/cart	5.00		1
CI2-BZ#7	ND		ng/cart	5.00		1
CI2-BZ#6	ND		ng/cart	5.00		1
Cl2-BZ#5	ND		ng/cart	5.00		1
Cl2-BZ#8	ND		ng/cart	5.00		1
Cl3-BZ#19	ND		ng/cart	5.00		1
CI2-BZ#14	ND		ng/cart	5.00		1
Cl3-BZ#30	ND		ng/cart	5.00		1
Cl3-BZ#18	ND		ng/cart	5.00		1
Cl2-BZ#11	ND		ng/cart	5.00		1
Cl3-BZ#17	ND		ng/cart	5.00		1
Cl2-BZ#12	ND		ng/cart	5.00		1
Cl3-BZ#27	ND		ng/cart	5.00		1
CI2-BZ#13	ND		ng/cart	5.00		1
Cl3-BZ#24	ND		ng/cart	5.00		1
Cl3-BZ#16	ND		ng/cart	5.00		1
Cl3-BZ#32	ND		ng/cart	5.00		1
Cl2-BZ#15	ND		ng/cart	5.00		1
Cl3-BZ#34	ND		ng/cart	5.00		1
Cl3-BZ#23	ND		ng/cart	5.00		1
Cl4-BZ#54	ND		ng/cart	5.00		1
Cl3-BZ#29	ND		ng/cart	5.00		1
Cl4-BZ#50	ND		ng/cart	5.00		1
Cl3-BZ#26	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-02 Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM DUP Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
Olo DZ#05	ND		, .	5.00		
CI3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
CI3-BZ#-31	5.69		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
CI3-BZ#36	ND		ng/cart	5.00		1
CI4-BZ#52	16.0		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	5.15		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	7.48		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
Cl4-BZ#57	ND		ng/cart	5.00		1
Cl4-BZ#67/#58	ND		ng/cart	10.0		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-02 Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM DUP Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
Cl4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
Cl4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
Cl4-BZ#74	ND		ng/cart	5.00		1
Cl6-BZ#155	ND		ng/cart	5.00		1
CI4-BZ#70	ND		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
CI4-BZ#66	ND		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	11.0		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	ND		ng/cart	5.00		1
Cl6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
Cl6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	ND		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
Cl4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
CI4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-02 Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM DUP Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#85	ND		n a loort	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#120	8.35		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		1
CI6-BZ#151	ND		ng/cart	5.00		1
CI6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND ND		ng/cart	5.00		1
CI6-BZ#144	ND ND		ng/cart			1
CI6-BZ#147/#149	13.4		ng/cart	5.00 10.0		
			ng/cart			1
CI4-BZ#77	ND		ng/cart	5.00		1
CI6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
CI6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
CI6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	5.17		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	12.8		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-02 Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM DUP Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (Low	vVol) - Mansfield Lab					
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
Cl6-BZ#138	5.69		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	5.72		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
CI6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
CI6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
CI6-BZ#128	ND		ng/cart	5.00		1
CI6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	5.72		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-02 Date Collected: 06/27/23 15:04

Client ID: AUDITORIUM DUP Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor			
PCB Congeners/Homologs (LowVol) - Mansfield Lab									
QIA DZ#AGO	ND		, ,	F 00		,			
CI8-BZ#203	ND		ng/cart	5.00	-	1			
CI6-BZ#169	ND		ng/cart	5.00		1			
CI9-BZ#208	ND		ng/cart	5.00		1			
CI9-BZ#207	ND		ng/cart	5.00		1			
CI7-BZ#189	ND		ng/cart	5.00		1			
CI8-BZ#195	ND		ng/cart	5.00		1			
CI8-BZ#194	ND		ng/cart	5.00		1			
CI8-BZ#205	ND		ng/cart	5.00		1			
CI9-BZ#206	ND		ng/cart	5.00		1			
Cl10-BZ#209	ND		ng/cart	5.00		1			
Monochlorobiphenyls	ND		ng/cart	5.00		1			
Dichlorobiphenyls	ND		ng/cart	5.00		1			
Trichlorobiphenyls	5.69		ng/cart	5.00		1			
Tetrachlorobiphenyls	28.6		ng/cart	5.00		1			
Pentachlorobiphenyls	24.5		ng/cart	5.00		1			
Hexachlorobiphenyls	31.9		ng/cart	5.00		1			
Heptachlorobiphenyls	11.4		ng/cart	5.00		1			
Octachlorobiphenyls	ND		ng/cart	5.00		1			
Nonachlorobiphenyls	ND		ng/cart	5.00		1			
Decachlorobiphenyl	ND		ng/cart	5.00		1			
Total Pcb	102		ng/cart	5.00		1			

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
CI3-BZ#19-C13	62		50-125	
CI8-B7#202-C13	58		50-125	



L2337109

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:07

Report Date: 07/24/23

Lab Number:

Date Received: 06/28/23
Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Matrix: Air Media

Analytical Method: 105,8270E-SIM/680(M)

L2337109-03

MAIN OFFICE

WORCESTER, MA

Analytical Date: 07/21/23 17:56

Analyst: CNC

Volume of Air: --

Extraction Method: EPA 3540C Extraction Date: 07/04/23 17:49

CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4/#10 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#7 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl2-BZ#14 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#18 9.43 ng/cart 5.00 1 Cl3-BZ#18 9.43 ng/cart 5.00 1 Cl3-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#14 5.00 1 Cl3-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1	Parameter	Result	Qualifier Units	RL	MDL	Dilution Factor
ClT-BZ#2 ND ng/cart 5.00 1 CLT-BZ#3 ND ng/cart 5.00 1 CL2-BZ#4/#10 ND ng/cart 10.0 1 CL2-BZ#9 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#8 ND ng/cart 5.00 1 CL2-BZ#8 ND ng/cart 5.00 1 CL3-BZ#19 ND ng/cart 5.00 1 CL3-BZ#19 ND ng/cart 5.00 1 CL3-BZ#14 ND ng/cart 5.00 1 CL3-BZ#18 9.43 ng/cart 5.00 1 CL3-BZ#17 ND ng/	PCB Congeners/Homologs (LowV	ol) - Mansfield Lab				
ClT-BZ#2 ND ng/cart 5.00 1 CLT-BZ#3 ND ng/cart 5.00 1 CL2-BZ#4/#10 ND ng/cart 10.0 1 CL2-BZ#9 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#8 ND ng/cart 5.00 1 CL2-BZ#8 ND ng/cart 5.00 1 CL3-BZ#19 ND ng/cart 5.00 1 CL3-BZ#19 ND ng/cart 5.00 1 CL3-BZ#14 ND ng/cart 5.00 1 CL3-BZ#18 9.43 ng/cart 5.00 1 CL3-BZ#17 ND ng/	CI1-BZ#1	ND	ng/cart	5.00		1
CL1-BZ#3 ND ng/cart 5.00 1 CL2-BZ#4/#10 ND ng/cart 10.0 1 CL2-BZ#9 ND ng/cart 5.00 1 CL2-BZ#7 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#6 ND ng/cart 5.00 1 CL2-BZ#8 ND ng/cart 5.00 1 CL2-BZ#8 ND ng/cart 5.00 1 CL3-BZ#19 ND ng/cart 5.00 1 CL3-BZ#18 9.43 ng/cart 5.00 1 CL2-BZ#11 ND ng	CI1-BZ#2	ND				1
C12-82#4/#10 ND ng/cart 1.0.0 1 C12-82#9 ND ng/cart 5.00 1 C12-82#7 ND ng/cart 5.00 1 C12-82#6 ND ng/cart 5.00 1 C12-82#5 ND ng/cart 5.00 1 C12-82#8 ND ng/cart 5.00 1 C12-82#19 ND ng/cart 5.00 1 C12-82#14 ND ng/cart 5.00 1 C12-82#13 ND ng/cart 5.00 1 C12-82#11 ND ng/cart 5.00 1 C12-82#12 ND ng/cart 5.00 1 C12-82#12 ND ng/cart 5.00 1 C12-82#12 ND ng/cart 5.00 1 C12-82#13 ND n	CL1-BZ#3	ND		5.00		1
C12-82#9 ND ng/cart 5.00 1 C12-82#7 ND ng/cart 5.00 1 C12-82#6 ND ng/cart 5.00 1 C12-82#8 ND ng/cart 5.00 1 C12-82#8 ND ng/cart 5.00 1 C13-82#19 ND ng/cart 5.00 1 C13-82#14 ND ng/cart 5.00 1 C13-82#30 ND ng/cart 5.00 1 C13-82#18 9.43 ng/cart 5.00 1 C12-82#13 ND ng/cart 5.00 1 C12-82#17 ND ng/cart 5.00 1 C12-82#12 ND ng/cart 5.00 1 C13-82#27 ND ng/cart 5.00 1 C13-82#18 ND ng/	CI2-BZ#4/#10	ND		10.0		1
C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#16 ND ng/c	CI2-BZ#9	ND		5.00		1
C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 9.43 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND n	CI2-BZ#7	ND		5.00		1
C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 9.43 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#23 ND	CI2-BZ#6	ND		5.00		1
C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 9.43 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#23 ND <td< td=""><td>CI2-BZ#5</td><td>ND</td><td></td><td>5.00</td><td></td><td>1</td></td<>	CI2-BZ#5	ND		5.00		1
C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 9.43 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C12-BZ#34 ND ng/cart 5.00 1 C13-BZ#23 ND ng/cart 5.00 1 C14-BZ#54 ND <t< td=""><td>CI2-BZ#8</td><td>ND</td><td></td><td>5.00</td><td></td><td>1</td></t<>	CI2-BZ#8	ND		5.00		1
Cl3-BZ#30 ND ng/cart 5.00 1 Cl3-BZ#18 9.43 ng/cart 5.00 1 Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart <td>Cl3-BZ#19</td> <td>ND</td> <td>ng/cart</td> <td>5.00</td> <td></td> <td>1</td>	Cl3-BZ#19	ND	ng/cart	5.00		1
CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 9.43 ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart <td>Cl2-BZ#14</td> <td>ND</td> <td>ng/cart</td> <td>5.00</td> <td></td> <td>1</td>	Cl2-BZ#14	ND	ng/cart	5.00		1
Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#59 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#30	ND	ng/cart	5.00		1
Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#35 ND ng/cart 5.00 1 Cl3-BZ#36 ND ng/cart 5.00 1 Cl3-BZ#28 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#18	9.43	ng/cart	5.00		1
C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C12-BZ#15 ND ng/cart 5.00 1 C13-BZ#34 ND ng/cart 5.00 1 C13-BZ#23 ND ng/cart 5.00 1 C14-BZ#54 ND ng/cart 5.00 1 C13-BZ#29 ND ng/cart 5.00 1 C14-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#11	ND	ng/cart	5.00		1
CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#17	ND	ng/cart	5.00		1
CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#25 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#12	ND	ng/cart	5.00		1
CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#27	ND	ng/cart	5.00		1
CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#13	ND	ng/cart	5.00		1
CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#24	ND	ng/cart	5.00		1
CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#16	ND	ng/cart	5.00		1
CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#32	ND	ng/cart	5.00		1
CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#15	ND	ng/cart	5.00		1
CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#34	ND	ng/cart	5.00		1
CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#23	ND	ng/cart	5.00		1
CI4-BZ#50 ND ng/cart 5.00 1	CI4-BZ#54	ND	ng/cart	5.00		1
	Cl3-BZ#29	ND	ng/cart	5.00		1
Cl3-BZ#26 ND ng/cart 5.00 1	CI4-BZ#50	ND	ng/cart	5.00		1
	Cl3-BZ#26	ND	ng/cart	5.00		1

L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-03 Date Collected: 06/27/23 15:07

Client ID: MAIN OFFICE Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
Olo DZ#OF	ND		, .	5 .00		,
CI3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	11.8		ng/cart	5.00		1
Cl3-BZ#28	9.39		ng/cart	5.00		1
Cl3-BZ#33	6.36		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
CI3-BZ#36	ND		ng/cart	5.00		1
CI4-BZ#52	27.9		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	9.72		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	15.1		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
Cl4-BZ#57	ND		ng/cart	5.00		1
Cl4-BZ#67/#58	ND		ng/cart	10.0		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-03 Date Collected: 06/27/23 15:07

Client ID: MAIN OFFICE Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
0.5.07.4400	ND		, .	5.00		,
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
CI4-BZ#74	ND		ng/cart	5.00		1
CI6-BZ#155	ND		ng/cart	5.00		1
CI4-BZ#70	9.87		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
CI4-BZ#66	6.76		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	18.5		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	6.36		ng/cart	5.00		1
Cl6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
Cl6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	5.25		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
CI4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-03 Date Collected: 06/27/23 15:07

Client ID: MAIN OFFICE Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier Units	s RL	MDL	Dilution Factor
PCB Congeners/Homologs (I	_owVol) - Mansfield Lab				
CI5-BZ#85	ND	ng/ca			1
CI5-BZ#120	ND	ng/ca			1
CI5-BZ#110	9.60	ng/ca			1
CI4-BZ#81	ND	ng/ca	rt 5.00		1
CI6-BZ#151	6.30	ng/ca	rt 5.00		1
CI6-BZ#135	ND	ng/ca	rt 5.00		1
CI5-BZ#82	ND	ng/ca	rt 5.00		1
CI6-BZ#144	ND	ng/ca	rt 5.00		1
CI6-BZ#147/#149	13.7	ng/ca	rt 10.0		1
CI4-BZ#77	ND	ng/ca	rt 5.00		1
CI6-BZ#143/#139	ND	ng/ca	rt 10.0		1
CI5-BZ#124	ND	ng/ca	rt 5.00		1
CI6-BZ#140	ND	ng/ca	rt 5.00		1
CI5-BZ#108	ND	ng/ca	rt 5.00		1
CI5-BZ#107/#123	ND	ng/ca	rt 10.0		1
CI7-BZ#188	ND	ng/ca	rt 5.00		1
CI6-BZ#134	ND	ng/ca	rt 5.00		1
CI5-BZ#106	ND	ng/ca	rt 5.00		1
CI6-BZ#133	ND	ng/ca	rt 5.00		1
CI6-BZ#142	ND	ng/ca	rt 5.00		1
CI5-BZ#118	7.50	ng/ca	rt 5.00		1
CI6-BZ#131	ND	ng/ca	rt 5.00		1
CI7-BZ#184	ND	ng/ca	rt 5.00		1
CI6-BZ#165	ND	ng/ca	rt 5.00		1
CI6-BZ#146	ND	ng/ca	rt 5.00		1
CI6-BZ#161	ND	ng/ca	rt 5.00		1
CI5-BZ#122	ND	ng/ca	rt 5.00		1
CI6-BZ#168	ND	ng/ca	rt 5.00		1
CI5-BZ#114	ND	ng/ca	rt 5.00		1
CI6-BZ#153	13.9	ng/ca	rt 5.00		1
CI6-BZ#132	ND	ng/ca	rt 5.00		1
CI7-BZ#179	ND	ng/ca	rt 5.00		1
CI6-BZ#141	ND	ng/ca	rt 5.00		1
CI7-BZ#176	ND	ng/ca	rt 5.00		1
CI5-BZ#105	ND	ng/ca	rt 5.00		1
CI6-BZ#137	ND	ng/ca	rt 5.00		1
CI5-BZ#127	ND	ng/ca	rt 5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-03

MAIN OFFICE

WORCESTER, MA

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:07

Lab Number:

Report Date:

Date Received: 06/28/23 Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - Man	sfield Lab					
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	6.42		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	5.36		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
CI6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
CI6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
Cl6-BZ#128	ND		ng/cart	5.00		1
Cl6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	ND		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-03 Date Collected: 06/27/23 15:07

Client ID: MAIN OFFICE Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - N	/lansfield Lab					
Ole Parises	ND		, .	5 .00		,
CI8-BZ#203	ND		ng/cart	5.00	-	1
CI6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	37.0		ng/cart	5.00		1
Tetrachlorobiphenyls	69.4		ng/cart	5.00		1
Pentachlorobiphenyls	47.2		ng/cart	5.00		1
Hexachlorobiphenyls	40.3		ng/cart	5.00		1
Heptachlorobiphenyls	5.36		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	199		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	88		50-125	
CI8-B7#202-C13	87		50-125	



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-04 Date Collected: 06/27/23 15:08

Client ID: CAFETERIA Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Depth:

Matrix: Air Media Extraction Method: EPA 3540C

Analytical Method: 105,8270E-SIM/680(M) Extraction Date: 07/04/23 17:49

Analytical Date: 07/21/23 19:05

Analyst: CNC

Volume of Air: --

ND ng/cart 5.00 1 1 1 1 1 1 1 1	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CI-1-BZ#2	PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI-1-BZ#2	CI1-BZ#1	ND		ng/cart	5.00		1
CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4/#10 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#18 5.72 ng/cart 5.00 1 Cl2-BZ#11 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng							
CI2-BZ#H/#10 ND ng/cart 10.0 1 CI2-BZ#9 ND ng/cart 5.00 1 CI2-BZ#6 ND ng/cart 5.00 1 CI2-BZ#6 ND ng/cart 5.00 1 CI2-BZ#8 ND ng/cart 5.00 1 CI2-BZ#8 ND ng/cart 5.00 1 CI2-BZ#19 ND ng/cart 5.00 1 CI2-BZ#19 ND ng/cart 5.00 1 CI2-BZ#19 ND ng/cart 5.00 1 CI2-BZ#14 ND ng/cart 5.00 1 CI2-BZ#18 5.72 ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#24 ND							
C12-B2#9 ND ng/cart 5.00 1 C12-B2#7 ND ng/cart 5.00 1 C12-B2#6 ND ng/cart 5.00 1 C12-B2#5 ND ng/cart 5.00 1 C12-B2#8 ND ng/cart 5.00 1 C13-B2#19 ND ng/cart 5.00 1 C12-B2#13 ND ng/cart 5.00 1 C12-B2#13 ND ng/cart 5.00 1 C13-B2#24 ND ng/ca		ND					
C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 5.72 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng	CI2-BZ#9						
C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C12-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#10 ND ng/cart 5.00 1 C13-BZ#18 5.72 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C12-BZ#16 ND ng/cart 5.00 1 C13-BZ#24 ND n	CI2-BZ#7	ND			5.00		1
CI2-BZ#5 ND ng/cart 5.00 1 CI2-BZ#8 ND ng/cart 5.00 1 CI3-BZ#19 ND ng/cart 5.00 1 CI2-BZ#14 ND ng/cart 5.00 1 CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 5.72 ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#23 ND	CI2-BZ#6						1
C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 5.72 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#34 ND ng/cart 5.00 1 C13-BZ#34 ND <td< td=""><td>Cl2-BZ#5</td><td>ND</td><td></td><td></td><td>5.00</td><td></td><td>1</td></td<>	Cl2-BZ#5	ND			5.00		1
C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 5.72 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C12-BZ#15 ND ng/cart 5.00 1 C13-BZ#23 ND ng/cart 5.00 1 C13-BZ#29 ND ng/cart 5.00 1 C14-BZ#56 ND ng/cart <td>CI2-BZ#8</td> <td>ND</td> <td></td> <td></td> <td>5.00</td> <td></td> <td>1</td>	CI2-BZ#8	ND			5.00		1
C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 5.72 ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#34 ND ng/cart 5.00 1 C13-BZ#23 ND ng/cart 5.00 1 C14-BZ#54 ND ng/cart 5.00 1 C14-BZ#54 ND ng/cart 5.00 1 C14-BZ#50 ND ng/cart <td>Cl3-BZ#19</td> <td>ND</td> <td></td> <td>-</td> <td>5.00</td> <td></td> <td>1</td>	Cl3-BZ#19	ND		-	5.00		1
Cl3-BZ#30 ND ng/cart 5.00 1 Cl3-BZ#18 5.72 ng/cart 5.00 1 Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#36 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart <td>CI2-BZ#14</td> <td>ND</td> <td></td> <td></td> <td>5.00</td> <td></td> <td>1</td>	CI2-BZ#14	ND			5.00		1
CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#30	ND			5.00		1
Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#46 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#35 ND ng/cart 5.00 1	Cl3-BZ#18	5.72		ng/cart	5.00		1
CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#35 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#35 ND ng/cart 5.00 1 CI3-BZ#26 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI3-BZ#28 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1	Cl2-BZ#11	ND		ng/cart	5.00		1
Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#26 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#59 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#17	ND		ng/cart	5.00		1
CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#12	ND		ng/cart	5.00		1
CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#35 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI4-BZ#55 ND ng/cart 5.00 1	Cl3-BZ#27	ND		ng/cart	5.00		1
CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI4-BZ#55 ND ng/cart 5.00 1	Cl2-BZ#13	ND		ng/cart	5.00		1
CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI4-BZ#59 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#24	ND		ng/cart	5.00		1
CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#16	ND		ng/cart	5.00		1
CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#32	ND		ng/cart	5.00		1
Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#15	ND		ng/cart	5.00		1
CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#34	ND		ng/cart	5.00		1
Cl3-BZ#29 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#23	ND		ng/cart	5.00		1
Cl4-BZ#50 ND ng/cart 5.00 1	Cl4-BZ#54	ND		ng/cart	5.00		1
ÿ	Cl3-BZ#29	ND		ng/cart	5.00		1
010 D7//00	Cl4-BZ#50	ND		ng/cart	5.00		1
Cl3-B2#26 ND ng/cart 5.00 1	Cl3-BZ#26	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-04 Date Collected: 06/27/23 15:08

Client ID: CAFETERIA Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
Cl3-BZ#25	ND		/t	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
CI3-BZ#-31	5.55		ng/cart	5.00		1
CI3-BZ#28	ND		ng/cart	5.00		1
CI3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
CI3-BZ#21/#20	ND ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
CI3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart			1
CI4-BZ#69	ND ND		ng/cart	10.0		
CI4-BZ#43	ND		ng/cart	5.00		1
CI3-BZ#36	ND ND		ng/cart	5.00		1
CI3-BZ#36 CI4-BZ#52			ng/cart			1
	14.0		ng/cart	5.00		
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
CI3-BZ#39	ND		ng/cart	5.00		1
CI3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	7.55		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		<u> </u>
CI3-BZ#35	ND		ng/cart	5.00		<u> </u>
Cl4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
CI3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
CI4-BZ#57	ND		ng/cart	5.00		1
CI4-BZ#67/#58	ND		ng/cart	10.0		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-04 Date Collected: 06/27/23 15:08

Client ID: CAFETERIA Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
Cl4-BZ#74	ND		ng/cart	5.00		1
Cl6-BZ#155	ND		ng/cart	5.00		1
Cl4-BZ#70	ND		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
CI4-BZ#66	ND		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	ND		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	ND		ng/cart	5.00		1
CI6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
CI6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	ND		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
CI4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-04 Date Collected: 06/27/23 15:08

Client ID: CAFETERIA Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	ND		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		1
CI6-BZ#151	ND		ng/cart	5.00		1
CI6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
CI6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	ND		ng/cart	10.0		1
CI4-BZ#77	ND		ng/cart	5.00		1
Cl6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
Cl6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
CI6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	ND		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	ND		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-04 Date Collected: 06/27/23 15:08

Client ID: CAFETERIA Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
	ND		, .	5.00		,
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	ND		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	ND		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
Cl6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
CI6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
CI6-BZ#128	ND		ng/cart	5.00		1
CI6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	ND		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-04 Date Collected: 06/27/23 15:08

Client ID: CAFETERIA Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - N	Mansfield Lab					
QIA PAWARA	NID		, .	5.00		
CI8-BZ#203	ND		ng/cart	5.00	-	1
CI6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	11.3		ng/cart	5.00		1
Tetrachlorobiphenyls	21.6		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	32.8		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
CI3-BZ#19-C13	79		50-125	
CI8-B7#202-C13	71		50-125	



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-05 Date Collected: 06/27/23 15:08

Client ID: ROOM 106 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Depth:

Matrix: Air Media Extraction Method: EPA 3540C

Analytical Method: 105,8270E-SIM/680(M) Extraction Date: 07/04/23 17:49

Analytical Date: 07/21/23 20:14

Analyst: CNC

Volume of Air: --

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
PCB Congeners/Homologs (Low	/Vol) - Mansfield Lab						
CI1-BZ#1	ND		ng/cart	5.00		1	
CI1-BZ#2	ND		ng/cart	5.00		1	
CL1-BZ#3	ND		ng/cart	5.00		1	
CI2-BZ#4/#10	ND		ng/cart	10.0		1	
CI2-BZ#9	ND		ng/cart	5.00		1	
CI2-BZ#7	ND		ng/cart	5.00		1	
CI2-BZ#6	ND		ng/cart	5.00		1	
CI2-BZ#5	ND		ng/cart	5.00		1	
CI2-BZ#8	ND		ng/cart	5.00		1	
Cl3-BZ#19	ND		ng/cart	5.00		1	
CI2-BZ#14	ND		ng/cart	5.00		1	
Cl3-BZ#30	ND		ng/cart	5.00		1	
Cl3-BZ#18	5.47		ng/cart	5.00		1	
CI2-BZ#11	ND		ng/cart	5.00		1	
Cl3-BZ#17	ND		ng/cart	5.00		1	
Cl2-BZ#12	ND		ng/cart	5.00		1	
Cl3-BZ#27	ND		ng/cart	5.00		1	
CI2-BZ#13	ND		ng/cart	5.00		1	
Cl3-BZ#24	ND		ng/cart	5.00		1	
Cl3-BZ#16	ND		ng/cart	5.00		1	
Cl3-BZ#32	ND		ng/cart	5.00		1	
Cl2-BZ#15	ND		ng/cart	5.00		1	
Cl3-BZ#34	ND		ng/cart	5.00		1	
Cl3-BZ#23	ND		ng/cart	5.00		1	
CI4-BZ#54	ND		ng/cart	5.00		1	
Cl3-BZ#29	ND		ng/cart	5.00		1	
CI4-BZ#50	ND		ng/cart	5.00		1	
Cl3-BZ#26	ND		ng/cart	5.00		1	



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

WORCESTER, MA

L2337109-05

ROOM 106

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:08

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lo	owVol) - Mansfield Lab				
Cl3-BZ#25	ND	ng/cart	5.00		1
CI4-BZ#53	ND	ng/cart	5.00		1
Cl3-BZ#-31	5.97	ng/cart	5.00		1
Cl3-BZ#28	ND	ng/cart	5.00		1
Cl3-BZ#33	ND	ng/cart	5.00		1
CI4-BZ#51	ND	ng/cart	5.00		1
Cl3-BZ#21/#20	ND	ng/cart	10.0		1
CI4-BZ#45	ND	ng/cart	5.00		1
Cl3-BZ#22	ND	ng/cart	5.00		1
CI4-BZ#73/#46	ND	ng/cart	10.0		1
CI4-BZ#69	ND	ng/cart	5.00		1
CI4-BZ#43	ND	ng/cart	5.00		1
Cl3-BZ#36	ND	ng/cart	5.00		1
CI4-BZ#52	14.9	ng/cart	5.00		1
CI4-BZ#48	ND	ng/cart	5.00		1
CI4-BZ#49	5.06	ng/cart	5.00		1
CI5-BZ#104	ND	ng/cart	5.00		1
CI4-BZ#47	ND	ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND	ng/cart	15.0		1
Cl3-BZ#39	ND	ng/cart	5.00		1
Cl3-BZ#38	ND	ng/cart	5.00		1
CI4-BZ#44	6.57	ng/cart	5.00		1
CI4-BZ#59	ND	ng/cart	5.00		1
CI4-BZ#42	ND	ng/cart	5.00		1
CI4-BZ#71	ND	ng/cart	5.00		1
Cl3-BZ#35	ND	ng/cart	5.00		1
CI4-BZ#41	ND	ng/cart	5.00		1
CI4-BZ#72	ND	ng/cart	5.00		1
CI5-BZ#96	ND	ng/cart	5.00		1
CI5-BZ#103	ND	ng/cart	5.00		1
CI4-BZ#68/#64	ND	ng/cart	10.0		1
CI4-BZ#40	ND	ng/cart	5.00		1
Cl3-BZ#37	ND	ng/cart	5.00		1
CI5-BZ#100	ND	ng/cart	5.00		1
CI5-BZ#94	ND	ng/cart	5.00		1
CI4-BZ#57	ND	ng/cart	5.00		1
CI4-BZ#67/#58	ND	ng/cart	10.0		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-05 Date Collected: 06/27/23 15:08

Client ID: ROOM 106 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier Units	s RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lo	wVol) - Mansfield Lab				
Cl5-BZ#102	ND	ng/ca	rt 5.00		1
Cl4-BZ#61	ND	ng/ca	rt 5.00		1
CI5-BZ#98	ND	ng/ca	rt 5.00		1
Cl4-BZ#76	ND	ng/ca	rt 5.00		1
CI5-BZ#93	ND	ng/ca	rt 5.00		1
CI4-BZ#63	ND	ng/ca	rt 5.00		1
CI5-BZ#121/#95/#88	ND	ng/ca	rt 15.0		1
CI4-BZ#74	ND	ng/ca	rt 5.00		1
CI6-BZ#155	ND	ng/ca	rt 5.00		1
Cl4-BZ#70	ND	ng/ca	rt 5.00		1
CI5-BZ#91	ND	ng/ca	rt 5.00		1
Cl4-BZ#66	ND	ng/ca	rt 5.00		1
CI4-BZ#80	ND	ng/ca	rt 5.00		1
Cl4-BZ#55	ND	ng/ca	rt 5.00		1
CI5-BZ#92	ND	ng/ca	rt 5.00		1
CI5-BZ#89/#84	ND	ng/ca	rt 10.0		1
CI5-BZ#101/#90	ND	ng/ca	rt 10.0		1
Cl4-BZ#56	ND	ng/ca	rt 5.00		1
CI5-BZ#113	ND	ng/ca	rt 5.00		1
CI5-BZ#99	ND	ng/ca	rt 5.00		1
CI6-BZ#150	ND	ng/ca	rt 5.00		1
Cl4-BZ#60	ND	ng/ca	rt 5.00		1
CI6-BZ#152	ND	ng/ca	rt 5.00		1
CI5-BZ#119	ND	ng/ca	rt 5.00		1
CI5-BZ#83/#125/#112	ND	ng/ca	rt 15.0		1
CI5-BZ#86/#109	ND	ng/ca	rt 10.0		1
CI5-BZ#97	ND	ng/ca	rt 5.00		1
CI5-BZ#116	ND	ng/ca	rt 5.00		1
CI5-BZ#87/#111	ND	ng/ca	rt 10.0		1
CI6-BZ#145	ND	ng/ca	rt 5.00		1
CI6-BZ#148	ND	ng/ca	rt 5.00		1
Cl4-BZ#79	ND	ng/ca	rt 5.00		1
CI6-BZ#154	ND	ng/ca	rt 5.00		1
CI4-BZ#78	ND	ng/ca	rt 5.00		1
CI6-BZ#136	ND	ng/ca	rt 5.00		1
CI5-BZ#117	ND	ng/ca			1
CI5-BZ#115	ND	ng/ca			1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-05

Project Number: Report Date: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:08

Lab Number:

Client ID: Date Received: 06/28/23 **ROOM 106**

Sample Location: Field Prep: Not Specified WORCESTER, MA

Sample Depth:

Lab ID:

Parameter	Result	Qualifier Un	its RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lo	owVol) - Mansfield Lab				
CI5-BZ#85	ND	ng/c	art 5.00		1
CI5-BZ#120	ND	ng/c	art 5.00		1
CI5-BZ#110	ND	ng/c	art 5.00		1
CI4-BZ#81	ND	ng/c	art 5.00		1
Cl6-BZ#151	ND	ng/c	art 5.00		1
Cl6-BZ#135	ND	ng/c	art 5.00		1
CI5-BZ#82	ND	ng/o	art 5.00		1
Cl6-BZ#144	ND	ng/c	art 5.00		1
Cl6-BZ#147/#149	ND	ng/o	art 10.0		1
CI4-BZ#77	ND	ng/c	art 5.00		1
Cl6-BZ#143/#139	ND	ng/o	art 10.0		1
Cl5-BZ#124	ND	ng/o	art 5.00		1
Cl6-BZ#140	ND	ng/c	art 5.00		1
CI5-BZ#108	ND	ng/c	art 5.00		1
CI5-BZ#107/#123	ND	ng/o	art 10.0		1
CI7-BZ#188	ND	ng/o	art 5.00		1
Cl6-BZ#134	ND	ng/o	art 5.00		1
CI5-BZ#106	ND	ng/c	art 5.00		1
Cl6-BZ#133	ND	ng/o	art 5.00		1
CI6-BZ#142	ND	ng/o	art 5.00		1
CI5-BZ#118	ND	ng/c	art 5.00		1
Cl6-BZ#131	ND	ng/c	art 5.00		1
CI7-BZ#184	ND	ng/c	art 5.00		1
Cl6-BZ#165	ND	ng/o	art 5.00		1
Cl6-BZ#146	ND	ng/c	art 5.00		1
Cl6-BZ#161	ND	ng/c	art 5.00		1
CI5-BZ#122	ND	ng/o	art 5.00		1
CI6-BZ#168	ND	ng/o	art 5.00		1
CI5-BZ#114	ND	ng/c	art 5.00		1
CI6-BZ#153	ND	ng/c	art 5.00		1
Cl6-BZ#132	ND	ng/o	art 5.00		1
CI7-BZ#179	ND	ng/c	art 5.00		1
CI6-BZ#141	ND	ng/c	art 5.00		1
CI7-BZ#176	ND	ng/c	art 5.00		1
CI5-BZ#105	ND	ng/c	art 5.00		1
CI6-BZ#137	ND	ng/c	art 5.00		1
CI5-BZ#127	ND	ng/o	art 5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-05

WORCESTER, MA

ROOM 106

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:08

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - Ma	nsfield Lab					
CI7 D7#40C	ND		/	5.00		4
CI7-BZ#186	ND		ng/cart	5.00		1
CIG-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	ND		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		<u> </u>
CI7-BZ#187	ND		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
CI6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
CI6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
CI6-BZ#128	ND		ng/cart	5.00		1
CI6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	ND		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-05 Date Collected: 06/27/23 15:08

Client ID: ROOM 106 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	- Mansfield Lab					
CI8-BZ#203	ND		ng/cart	5.00		1
CI6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	11.4		ng/cart	5.00		1
Tetrachlorobiphenyls	26.5		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	38.0		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	86		50-125	
CI8-BZ#202-C13	81		50-125	



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: Date Collected: 06/27/23 15:01
Client ID: ROOM 204 Date Received: 06/28/23

Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Depth:

Volume of Air:

Matrix: Air Media Extraction Method: EPA 3540C

Analytical Method: 105,8270E-SIM/680(M) Extraction Date: 07/04/23 17:49

Analytical Date: 07/21/23 21:23 Analyst: CNC

•

Result Qualifier Units RL MDL **Dilution Factor Parameter** PCB Congeners/Homologs (LowVol) - Mansfield Lab CI1-BZ#1 ND ng/cart 5.00 1 CI1-BZ#2 ND ng/cart 5.00 CL1-BZ#3 ND ng/cart 5.00 1 CI2-BZ#4/#10 ND ng/cart 10.0 1 CI2-BZ#9 ND ng/cart 5.00 1 CI2-BZ#7 ND ng/cart 5.00 1 CI2-BZ#6 ND 5.00 ng/cart 1 --CI2-BZ#5 ND ng/cart 5.00 1 ND CI2-BZ#8 ng/cart 5.00 --1 CI3-BZ#19 ND 5.00 1 ng/cart CI2-BZ#14 ND 5.00 1 ng/cart CI3-BZ#30 ND ng/cart 5.00 --1 CI3-BZ#18 10.8 5.00 1 ng/cart --CI2-BZ#11 5.71 ng/cart 5.00 1 CI3-BZ#17 ND 5.00 1 ng/cart --CI2-BZ#12 ND 5.00 1 ng/cart CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND 5.00 1 ng/cart --CI3-BZ#24 ND 5.00 1 ng/cart CI3-BZ#16 ND 5.00 1 ng/cart CI3-BZ#32 ND 5.00 1 ng/cart CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND 5.00 ng/cart 1 --CI3-BZ#23 ND 5.00 1 ng/cart --CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND 5.00 1 ng/cart --CI4-BZ#50 ND 5.00 ng/cart 1 CI3-BZ#26 ND 5.00 ng/cart 1



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-06 Date Collected: 06/27/23 15:01

Client ID: Date Received: 06/28/23 **ROOM 204**

Sample Location: Field Prep: Not Specified WORCESTER, MA

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVe	ol) - Mansfield Lab					
Cl3-BZ#25	ND	ı	ng/cart	5.00		1
CI4-BZ#53	ND	1	ng/cart	5.00		1
Cl3-BZ#-31	11.4	1	ng/cart	5.00		1
Cl3-BZ#28	9.32	1	ng/cart	5.00		1
Cl3-BZ#33	5.43	1	ng/cart	5.00		1
CI4-BZ#51	ND	1	ng/cart	5.00		1
CI3-BZ#21/#20	ND	1	ng/cart	10.0		1
CI4-BZ#45	ND	1	ng/cart	5.00		1
Cl3-BZ#22	ND	1	ng/cart	5.00		1
CI4-BZ#73/#46	ND	1	ng/cart	10.0		1
CI4-BZ#69	ND	1	ng/cart	5.00		1
CI4-BZ#43	ND	1	ng/cart	5.00		1
Cl3-BZ#36	ND	ı	ng/cart	5.00		1
CI4-BZ#52	20.6	1	ng/cart	5.00		1
CI4-BZ#48	ND	1	ng/cart	5.00		1
CI4-BZ#49	7.48	1	ng/cart	5.00		1
CI5-BZ#104	ND	ı	ng/cart	5.00		1
CI4-BZ#47	ND	1	ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND	1	ng/cart	15.0		1
Cl3-BZ#39	ND	ı	ng/cart	5.00		1
Cl3-BZ#38	ND	1	ng/cart	5.00		1
CI4-BZ#44	10.7	1	ng/cart	5.00		1
CI4-BZ#59	ND	1	ng/cart	5.00		1
CI4-BZ#42	ND	ı	ng/cart	5.00		1
CI4-BZ#71	ND	1	ng/cart	5.00		1
Cl3-BZ#35	ND	1	ng/cart	5.00		1
CI4-BZ#41	ND	1	ng/cart	5.00		1
CI4-BZ#72	ND	ı	ng/cart	5.00		1
CI5-BZ#96	ND	1	ng/cart	5.00		1
CI5-BZ#103	ND	1	ng/cart	5.00		1
CI4-BZ#68/#64	ND	1	ng/cart	10.0		1
CI4-BZ#40	ND	1	ng/cart	5.00		1
Cl3-BZ#37	ND	1	ng/cart	5.00		1
CI5-BZ#100	ND	1	ng/cart	5.00		1
CI5-BZ#94	ND	1	ng/cart	5.00		1
Cl4-BZ#57	ND	1	ng/cart	5.00		1
Cl4-BZ#67/#58	ND	1	ng/cart	10.0		1



Project Name: Lab Number: DOHERTY SCHOOL L2337109

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-06 Date Collected: 06/27/23 15:01

Client ID: Date Received: 06/28/23 **ROOM 204**

Sample Location: Field Prep: Not Specified WORCESTER, MA

Parameter	Result	Qualifier Units	s RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lo	wVol) - Mansfield Lab				
Cl5-BZ#102	ND	ng/ca	rt 5.00		1
Cl4-BZ#61	ND	ng/ca	rt 5.00		1
CI5-BZ#98	ND	ng/ca	rt 5.00		1
Cl4-BZ#76	ND	ng/ca	rt 5.00		1
CI5-BZ#93	ND	ng/ca	rt 5.00		1
CI4-BZ#63	ND	ng/ca	rt 5.00		1
CI5-BZ#121/#95/#88	ND	ng/ca	rt 15.0		1
CI4-BZ#74	ND	ng/ca	rt 5.00		1
CI6-BZ#155	ND	ng/ca	rt 5.00		1
Cl4-BZ#70	ND	ng/ca	rt 5.00		1
CI5-BZ#91	ND	ng/ca	rt 5.00		1
Cl4-BZ#66	ND	ng/ca	rt 5.00		1
CI4-BZ#80	ND	ng/ca	rt 5.00		1
Cl4-BZ#55	ND	ng/ca	rt 5.00		1
CI5-BZ#92	ND	ng/ca	rt 5.00		1
CI5-BZ#89/#84	ND	ng/ca	rt 10.0		1
CI5-BZ#101/#90	ND	ng/ca	rt 10.0		1
Cl4-BZ#56	ND	ng/ca	rt 5.00		1
CI5-BZ#113	ND	ng/ca	rt 5.00		1
CI5-BZ#99	ND	ng/ca	rt 5.00		1
CI6-BZ#150	ND	ng/ca	rt 5.00		1
Cl4-BZ#60	ND	ng/ca	rt 5.00		1
CI6-BZ#152	ND	ng/ca	rt 5.00		1
CI5-BZ#119	ND	ng/ca	rt 5.00		1
CI5-BZ#83/#125/#112	ND	ng/ca	rt 15.0		1
CI5-BZ#86/#109	ND	ng/ca	rt 10.0		1
CI5-BZ#97	ND	ng/ca	rt 5.00		1
CI5-BZ#116	ND	ng/ca	rt 5.00		1
CI5-BZ#87/#111	ND	ng/ca	rt 10.0		1
CI6-BZ#145	ND	ng/ca	rt 5.00		1
CI6-BZ#148	ND	ng/ca	rt 5.00		1
Cl4-BZ#79	ND	ng/ca	rt 5.00		1
CI6-BZ#154	ND	ng/ca	rt 5.00		1
CI4-BZ#78	ND	ng/ca	rt 5.00		1
CI6-BZ#136	ND	ng/ca	rt 5.00		1
CI5-BZ#117	ND	ng/ca			1
CI5-BZ#115	ND	ng/ca			1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-06

WORCESTER, MA

ROOM 204

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:01

Date Collected: 06/27/23 15:0

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (L	owVol) - Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	ND		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		1
CI6-BZ#151	ND		ng/cart	5.00		1
CI6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
CI6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	ND		ng/cart	10.0		1
Cl4-BZ#77	ND		ng/cart	5.00		1
CI6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
CI6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
Cl6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	ND		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	ND		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-06 Date Collected: 06/27/23 15:01

Client ID: ROOM 204 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier Un	its RL	MDL	Dilution Factor
PCB Congeners/Homologs (Low	Vol) - Mansfield Lab				
CI7-BZ#186	ND	ng/o	cart 5.00		1
CI6-BZ#130/#164	ND	ng/o	cart 10.0		1
CI7-BZ#178	ND	ng/o	cart 5.00		1
CI6-BZ#138	ND	ng/o	cart 5.00		1
CI6-BZ#163/#160	ND	ng/o	cart 10.0		1
CI6-BZ#129/#158	ND	ng/e	cart 10.0		1
CI7-BZ#182/#175	ND	ng/o	cart 10.0		1
CI7-BZ#187	ND	ng/o	cart 5.00		1
CI7-BZ#183	ND	ng/o	cart 5.00		1
CI6-BZ#166	ND	ng/o	cart 5.00		1
CI6-BZ#159	ND	ng/o	cart 5.00		1
CI5-BZ#126	ND	ng/o	cart 5.00		1
CI7-BZ#185	ND	ng/e	cart 5.00		1
CI6-BZ#162	ND	ng/o	cart 5.00		1
CI7-BZ#174	ND	ng/o	cart 5.00		1
CI6-BZ#128	ND	ng/o	cart 5.00		1
CI6-BZ#167	ND	ng/o	cart 5.00		1
CI8-BZ#202	ND	ng/o	cart 5.00		1
CI7-BZ#181	ND	ng/o	cart 5.00		1
CI7-BZ#177	ND	ng/o	cart 5.00		1
CI8-BZ#204/#200-CAL	ND	ng/o	cart 10.0		1
CI7-BZ#171	ND	ng/o	cart 5.00		1
CI7-BZ#173	ND	ng/o	cart 5.00		1
CI8-BZ#197	ND	ng/o	cart 5.00		1
CI7-BZ#172	ND	ng/o	cart 5.00		1
CI7-BZ#192	ND	ng/o	cart 5.00		1
CI6-BZ#156	ND	ng/o	cart 5.00		1
CI6-BZ#157	ND	ng/o	cart 5.00		1
CI7-BZ#180	ND	ng/o	cart 5.00		1
CI7-BZ#193	ND	ng/o	cart 5.00		1
CI8-BZ#199	ND	ng/o	cart 5.00		1
CI7-BZ#191	ND	ng/o	cart 5.00		1
CI8-BZ#198	ND	ng/o	cart 5.00		1
CI8-BZ#201	ND	ng/o	cart 5.00		1
CI7-BZ#170	ND	ng/o	cart 5.00		1
CI7-BZ#190	ND	ng/o	cart 5.00		1
CI8-BZ#196	ND	ng/o	cart 5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-06 Date Collected: 06/27/23 15:01

Client ID: ROOM 204 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CIO D7#202	ND			F 00		4
CI8-BZ#203			ng/cart	5.00		1
Cl6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	5.71		ng/cart	5.00		1
Trichlorobiphenyls	37.0		ng/cart	5.00		1
Tetrachlorobiphenyls	38.8		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	81.4		ng/cart	5.00		1

Surrogate	% Recovery	Acceptance Qualifier Criteria	
Cl3-BZ#19-C13	72	50-125	
CI8-BZ#202-C13	85	50-125	



L2337109

06/27/23 15:00

06/28/23

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

Lab Number:

Date Collected:

Date Received:

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-07

Client ID: **ROOM 210**

Sample Location: WORCESTER, MA

Sample Depth:

Matrix: Air Media

105,8270E-SIM/680(M) Analytical Method:

Analytical Date: 07/21/23 22:32

Analyst: CNC

Volume of Air:

Field Prep: Not Specified

Extraction Method: EPA 3540C 07/04/23 17:49 **Extraction Date:**

PCB Congeners/Homologs (LowVol) - Mansfield Lab Ci1-BZ#1 ND ng/cart 5.00 - 1 Ci1-BZ#2 ND ng/cart 5.00 - 1 Ci1-BZ#2 ND ng/cart 5.00 - 1 Ci2-BZ#4/H0 ND ng/cart 5.00 - 1 Ci2-BZ#3 ND ng/cart 5.00 - 1 Ci2-BZ#3 ND ng/cart 5.00 - 1 Ci2-BZ#6 ND ng/cart 5.00 - 1 Ci2-BZ#19 ND ng/cart 5.00 - 1 Ci2-BZ#10 ND ng/cart 5.00 - 1 <	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Ci1-82#2 ND ng/cart 5.00 1 Ci1-82#3 ND ng/cart 5.00 1 Ci2-82#4#10 ND ng/cart 10.0 1 Ci2-82#9 ND ng/cart 5.00 1 Ci2-82#6 ND ng/cart 5.00 1 Ci2-82#19 ND ng/cart 5.00 1 Ci3-82#19 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci2-82#15 ND ng/car	PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
Ci1-82#2 ND ng/cart 5.00 1 Ci1-82#3 ND ng/cart 5.00 1 Ci2-82#4#10 ND ng/cart 10.0 1 Ci2-82#9 ND ng/cart 5.00 1 Ci2-82#6 ND ng/cart 5.00 1 Ci3-82#19 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci2-82#15 ND ng/cart	CI1-BZ#1	ND		ng/cart	5.00		1
CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4/#10 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl2-BZ#11 ND ng/c		ND		_			1
C12-B2#H/#10 ND ng/cart 1.0.0 1 C12-B2#9 ND ng/cart 5.00 1 C12-B2#7 ND ng/cart 5.00 1 C12-B2#6 ND ng/cart 5.00 1 C12-B2#5 ND ng/cart 5.00 1 C12-B2#8 ND ng/cart 5.00 1 C12-B2#19 ND ng/cart 5.00 1 C12-B2#14 ND ng/cart 5.00 1 C13-B2#19 ND ng/cart 5.00 1 C13-B2#14 ND ng/cart 5.00 1 C13-B2#13 ND ng/cart 5.00 1 C12-B2#11 ND ng/cart 5.00 1 C13-B2#21 ND ng/cart 5.00 1 C12-B2#15 ND n				_			
C12-BZ#9 ND ng/cart 5.00 1 C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#16 ND ng/ca		ND			10.0		1
C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/c	CI2-BZ#9	ND			5.00		1
C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#34 ND ng/	CI2-BZ#7	ND			5.00		1
C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#18 ND ng/cart 5.00 1 C12-BZ#19 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#23 ND ng	CI2-BZ#6	ND			5.00		1
C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#34 ND ng/cart 5.00 1 C13-BZ#33 ND ng/cart 5.00 1 C13-BZ#29 ND ng/cart	CI2-BZ#5	ND			5.00		1
CI3-BZ#19 ND ng/cart 5.00 1 CI2-BZ#14 ND ng/cart 5.00 1 CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 ND ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI3-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI2-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#24 ND	CI2-BZ#8	ND			5.00		1
Cl3-BZ#30 ND ng/cart 5.00 1 Cl3-BZ#18 ND ng/cart 5.00 1 Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#315 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#50 ND <td< td=""><td>Cl3-BZ#19</td><td>ND</td><td></td><td></td><td>5.00</td><td></td><td>1</td></td<>	Cl3-BZ#19	ND			5.00		1
CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 ND ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#35 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart	Cl2-BZ#14	ND		ng/cart	5.00		1
Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#26 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#30	ND			5.00		1
Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#18	ND		ng/cart	5.00		1
CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#11	ND		ng/cart	5.00		1
CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#17	ND		ng/cart	5.00		1
CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#12	ND		ng/cart	5.00		1
CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#27	ND		ng/cart	5.00		1
CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#13	ND		ng/cart	5.00		1
CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#24	ND		ng/cart	5.00		1
CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#16	ND		ng/cart	5.00		1
CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#32	ND		ng/cart	5.00		1
CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#15	ND		ng/cart	5.00		1
CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#34	ND		ng/cart	5.00		1
CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#23	ND		ng/cart	5.00		1
CI4-BZ#50 ND ng/cart 5.00 1	CI4-BZ#54	ND		ng/cart	5.00		1
	Cl3-BZ#29	ND		ng/cart	5.00		1
Cl3-BZ#26 ND ng/cart 5.00 1	CI4-BZ#50	ND		ng/cart	5.00		1
	Cl3-BZ#26	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-07 Date Collected: 06/27/23 15:00

Client ID: ROOM 210 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (Low	Vol) - Mansfield Lab					
CI3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
CI3-BZ#-31	ND		ng/cart	5.00		1
CI3-BZ#28	ND		ng/cart	5.00		1
CI3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
CI3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
Cl3-BZ#36	ND		ng/cart	5.00		1
CI4-BZ#52	7.21		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	ND		ng/cart	5.00		1
Cl4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
Cl4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
CI3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
CI4-BZ#57	ND		ng/cart	5.00		1
CI4-BZ#67/#58	ND		ng/cart	10.0		1
			<u> </u>			



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

L2337109-07

Date Collected: 06/27/23 15:00

Client ID: ROOM 210 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Location. WORGESTER, MA Field Flep. Not S

Sample Depth:

Lab ID:

Parameter	Result	Qualifier Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lov	vVol) - Mansfield Lab				
CI5-BZ#102	ND	ng/cart	5.00		1
CI4-BZ#61	ND	ng/cart	5.00		1
CI5-BZ#98	ND	ng/cart	5.00		1
CI4-BZ#76	ND	ng/cart	5.00		1
CI5-BZ#93	ND	ng/cart	5.00		1
CI4-BZ#63	ND	ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND	ng/cart	15.0		1
CI4-BZ#74	ND	ng/cart	5.00		1
Cl6-BZ#155	ND	ng/cart	5.00		1
CI4-BZ#70	ND	ng/cart	5.00		1
CI5-BZ#91	ND	ng/cart	5.00		1
CI4-BZ#66	ND	ng/cart	5.00		1
CI4-BZ#80	ND	ng/cart	5.00		1
CI4-BZ#55	ND	ng/cart	5.00		1
CI5-BZ#92	ND	ng/cart	5.00		1
CI5-BZ#89/#84	ND	ng/cart	10.0		1
CI5-BZ#101/#90	ND	ng/cart	10.0		1
CI4-BZ#56	ND	ng/cart	5.00		1
CI5-BZ#113	ND	ng/cart	5.00		1
CI5-BZ#99	ND	ng/cart	5.00		1
Cl6-BZ#150	ND	ng/cart	5.00		1
CI4-BZ#60	ND	ng/cart	5.00		1
Cl6-BZ#152	ND	ng/cart	5.00		1
CI5-BZ#119	ND	ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND	ng/cart	15.0		1
CI5-BZ#86/#109	ND	ng/cart	10.0		1
CI5-BZ#97	ND	ng/cart	5.00		1
CI5-BZ#116	ND	ng/cart	5.00		1
CI5-BZ#87/#111	ND	ng/cart	10.0		1
CI6-BZ#145	ND	ng/cart	5.00		1
CI6-BZ#148	ND	ng/cart	5.00		1
Cl4-BZ#79	ND	ng/cart	5.00		1
Cl6-BZ#154	ND	ng/cart	5.00		1
CI4-BZ#78	ND	ng/cart	5.00		1
Cl6-BZ#136	ND	ng/cart	5.00		1
CI5-BZ#117	ND	ng/cart	5.00		1
CI5-BZ#115	ND	ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-07 Date Collected: 06/27/23 15:00

Client ID: ROOM 210 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier Un	its RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lo	owVol) - Mansfield Lab				
CI5-BZ#85	ND	ng/c	art 5.00		1
CI5-BZ#120	ND	ng/c	art 5.00		1
CI5-BZ#110	ND	ng/c	art 5.00		1
CI4-BZ#81	ND	ng/c	art 5.00		1
Cl6-BZ#151	ND	ng/c	art 5.00		1
Cl6-BZ#135	ND	ng/c	art 5.00		1
CI5-BZ#82	ND	ng/c	art 5.00		1
Cl6-BZ#144	ND	ng/c	art 5.00		1
Cl6-BZ#147/#149	ND	ng/c	art 10.0		1
CI4-BZ#77	ND	ng/c	art 5.00		1
Cl6-BZ#143/#139	ND	ng/c	art 10.0		1
Cl5-BZ#124	ND	ng/o	art 5.00		1
Cl6-BZ#140	ND	ng/c	art 5.00		1
CI5-BZ#108	ND	ng/c	art 5.00		1
CI5-BZ#107/#123	ND	ng/o	art 10.0		1
CI7-BZ#188	ND	ng/o	art 5.00		1
Cl6-BZ#134	ND	ng/o	art 5.00		1
CI5-BZ#106	ND	ng/c	art 5.00		1
Cl6-BZ#133	ND	ng/o	art 5.00		1
CI6-BZ#142	ND	ng/o	art 5.00		1
CI5-BZ#118	ND	ng/c	art 5.00		1
Cl6-BZ#131	ND	ng/c	art 5.00		1
CI7-BZ#184	ND	ng/o	art 5.00		1
Cl6-BZ#165	ND	ng/o	art 5.00		1
Cl6-BZ#146	ND	ng/c	art 5.00		1
Cl6-BZ#161	ND	ng/c	art 5.00		1
CI5-BZ#122	ND	ng/o	art 5.00		1
CI6-BZ#168	ND	ng/o	art 5.00		1
CI5-BZ#114	ND	ng/c	art 5.00		1
CI6-BZ#153	ND	ng/c	art 5.00		1
Cl6-BZ#132	ND	ng/o	art 5.00		1
CI7-BZ#179	ND	ng/c	art 5.00		1
CI6-BZ#141	ND	ng/c	art 5.00		1
CI7-BZ#176	ND	ng/c	art 5.00		1
CI5-BZ#105	ND	ng/c	art 5.00		1
CI6-BZ#137	ND	ng/c	art 5.00		1
CI5-BZ#127	ND	ng/o	art 5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-07

WORCESTER, MA

ROOM 210

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:00

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI7 D7#496	ND			5.00		4
CI7-BZ#186 CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	ND		ng/cart			1
	ND		ng/cart	5.00 10.0		
CI6-BZ#163/#160			ng/cart			1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	ND		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
CI6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
Cl6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
CI6-BZ#128	ND		ng/cart	5.00		1
CI6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	ND		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1
			-			



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-07 Date Collected: 06/27/23 15:00

Client ID: ROOM 210 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor			
PCB Congeners/Homologs (LowVol) - Mansfield Lab									
Ole P7//000	ND		, ,	5.00		,			
CI8-BZ#203	ND		ng/cart	5.00	-	1			
CI6-BZ#169	ND		ng/cart	5.00		1			
CI9-BZ#208	ND		ng/cart	5.00		1			
CI9-BZ#207	ND		ng/cart	5.00		1			
CI7-BZ#189	ND		ng/cart	5.00		1			
CI8-BZ#195	ND		ng/cart	5.00		1			
CI8-BZ#194	ND		ng/cart	5.00		1			
CI8-BZ#205	ND		ng/cart	5.00		1			
CI9-BZ#206	ND		ng/cart	5.00		1			
Cl10-BZ#209	ND		ng/cart	5.00		1			
Monochlorobiphenyls	ND		ng/cart	5.00		1			
Dichlorobiphenyls	ND		ng/cart	5.00		1			
Trichlorobiphenyls	ND		ng/cart	5.00		1			
Tetrachlorobiphenyls	7.21		ng/cart	5.00		1			
Pentachlorobiphenyls	ND		ng/cart	5.00		1			
Hexachlorobiphenyls	ND		ng/cart	5.00		1			
Heptachlorobiphenyls	ND		ng/cart	5.00		1			
Octachlorobiphenyls	ND		ng/cart	5.00		1			
Nonachlorobiphenyls	ND		ng/cart	5.00		1			
Decachlorobiphenyl	ND		ng/cart	5.00		1			
Total Pcb	7.21		ng/cart	5.00		1			

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	68		50-125	
CI8-BZ#202-C13	64		50-125	



L2337109

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Report Date: 07/24/23

Lab Number:

Lab ID: L2337109-08 Client ID: **ROOM 310**

Sample Location: WORCESTER, MA

Sample Depth:

Matrix: Air Media

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 23:42

Analyst: CNC

Volume of Air:

Date Collected: 06/27/23 14:57

Date Received: 06/28/23 Field Prep: Not Specified

Extraction Method: EPA 3540C **Extraction Date:** 07/04/23 17:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI1-BZ#1	ND		ng/cart	5.00		1
CI1-BZ#2	ND		ng/cart	5.00		1
CL1-BZ#3	ND		ng/cart	5.00		1
CI2-BZ#4/#10	ND		ng/cart	10.0		1
Cl2-BZ#9	ND		ng/cart	5.00		1
Cl2-BZ#7	ND		ng/cart	5.00		1
CI2-BZ#6	ND		ng/cart	5.00		1
Cl2-BZ#5	ND		ng/cart	5.00		1
CI2-BZ#8	ND		ng/cart	5.00		1
Cl3-BZ#19	ND		ng/cart	5.00		1
Cl2-BZ#14	ND		ng/cart	5.00		1
Cl3-BZ#30	ND		ng/cart	5.00		1
Cl3-BZ#18	ND		ng/cart	5.00		1
Cl2-BZ#11	ND		ng/cart	5.00		1
Cl3-BZ#17	ND		ng/cart	5.00		1
Cl2-BZ#12	ND		ng/cart	5.00		1
Cl3-BZ#27	ND		ng/cart	5.00		1
Cl2-BZ#13	ND		ng/cart	5.00		1
Cl3-BZ#24	ND		ng/cart	5.00		1
Cl3-BZ#16	ND		ng/cart	5.00		1
Cl3-BZ#32	ND		ng/cart	5.00		1
CI2-BZ#15	ND		ng/cart	5.00		1
Cl3-BZ#34	ND		ng/cart	5.00		1
Cl3-BZ#23	ND		ng/cart	5.00		1
CI4-BZ#54	ND		ng/cart	5.00		1
Cl3-BZ#29	ND		ng/cart	5.00		1
CI4-BZ#50	ND		ng/cart	5.00		1
Cl3-BZ#26	ND		ng/cart	5.00		1

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected:

Lab ID: L2337109-08

Client ID: **ROOM 310** Date Received: 06/28/23

Sample Location: WORCESTER, MA Field Prep:

Lab Number:

Report Date:

Not Specified

06/27/23 14:57

L2337109

07/24/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - M	lansfield Lab					
Cl3-BZ#25	ND		ng/cart	5.00		1
Cl4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	ND		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
Cl4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		
Cl4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
CI3-BZ#36	ND		ng/cart	5.00		1
CI4-BZ#52	17.6		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	5.25		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	7.38		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
Cl4-BZ#42	ND		ng/cart	5.00		1
Cl4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
CI4-BZ#57	ND		ng/cart	5.00		1



L2337109

06/27/23 14:57

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Report Date: 07/24/23

Lab Number:

Date Collected:

SAMPLE RESULT

Lab ID: L2337109-08

Client ID: ROOM 310
Sample Location: WORCESTER, MA

Date Received: 06/28/23
IA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
CI4-BZ#74	ND		ng/cart	5.00		1
Cl6-BZ#155	ND		ng/cart	5.00		1
Cl4-BZ#70	ND		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
Cl4-BZ#66	ND		ng/cart	5.00		1
Cl4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	ND		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	ND		ng/cart	5.00		1
CI6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
CI6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	ND		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
CI4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

L2337109-08

Date Collected: 06/27/23 14:57

Client ID: Date Received: 06/28/23 **ROOM 310**

Sample Location: Field Prep: Not Specified WORCESTER, MA

Sample Depth:

Lab ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	5.44		ng/cart	5.00		1
Cl4-BZ#81	ND		ng/cart	5.00		1
CI6-BZ#151	ND		ng/cart	5.00		1
Cl6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
CI6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	ND		ng/cart	10.0		1
CI4-BZ#77	ND		ng/cart	5.00		1
CI6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
CI6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
Cl6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	ND		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	ND		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



L2337109

Lab Number:

Project Name: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-08 Date Collected: 06/27/23 14:57

Client ID: Date Received: 06/28/23 **ROOM 310** Sample Location: Field Prep: Not Specified WORCESTER, MA

Parameter	Result	Qualifier Ur	nits RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowV	ol) - Mansfield Lab				
CI7-BZ#186	ND	ng/	cart 5.00		1
Cl6-BZ#130/#164	ND	ng/	cart 10.0		1
CI7-BZ#178	ND	ng/	cart 5.00		1
Cl6-BZ#138	ND	ng/	cart 5.00		1
CI6-BZ#163/#160	ND	ng/	cart 10.0		1
Cl6-BZ#129/#158	ND	ng/	cart 10.0		1
CI7-BZ#182/#175	ND	ng/	cart 10.0		1
CI7-BZ#187	ND	ng/	cart 5.00		1
CI7-BZ#183	ND	ng/	cart 5.00		1
Cl6-BZ#166	ND	ng/	cart 5.00		1
Cl6-BZ#159	ND	ng/	cart 5.00		1
CI5-BZ#126	ND	ng/	cart 5.00		1
CI7-BZ#185	ND	ng/	cart 5.00		1
CI6-BZ#162	ND	ng/	cart 5.00		1
CI7-BZ#174	ND	ng/	cart 5.00		1
Cl6-BZ#128	ND	ng/	cart 5.00		1
CI6-BZ#167	ND	ng/	cart 5.00		1
CI8-BZ#202	ND	ng/	cart 5.00		1
CI7-BZ#181	ND	ng/	cart 5.00		1
CI7-BZ#177	ND	ng/	cart 5.00		1
CI8-BZ#204/#200-CAL	ND	ng/	cart 10.0		1
CI7-BZ#171	ND	ng/	cart 5.00		1
CI7-BZ#173	ND	ng/	cart 5.00		1
CI8-BZ#197	ND	ng/	cart 5.00		1
CI7-BZ#172	ND	ng/	cart 5.00		1
CI7-BZ#192	ND	ng/	cart 5.00		1
CI6-BZ#156	ND	ng/	cart 5.00		1
CI6-BZ#157	ND	ng/	cart 5.00		1
CI7-BZ#180	ND	ng/	cart 5.00		1
CI7-BZ#193	ND	ng/	cart 5.00		1
CI8-BZ#199	ND	ng/	cart 5.00		1
CI7-BZ#191	ND	ng/	cart 5.00		1
CI8-BZ#198	ND	ng/	cart 5.00		1
CI8-BZ#201	ND	ng/	cart 5.00		1
CI7-BZ#170	ND	ng/	cart 5.00		1
CI7-BZ#190	ND	ng/	cart 5.00		1
CI8-BZ#196	ND	ng/	cart 5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-08 Date Collected: 06/27/23 14:57

Client ID: ROOM 310 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor		
PCB Congeners/Homologs (LowVol) - Mansfield Lab								
CI8-BZ#203	ND		/	5.00		1		
			ng/cart					
CI6-BZ#169	ND		ng/cart	5.00		1		
CI9-BZ#208	ND		ng/cart	5.00		1		
CI9-BZ#207	ND		ng/cart	5.00		1		
CI7-BZ#189	ND		ng/cart	5.00		1		
CI8-BZ#195	ND		ng/cart	5.00		1		
CI8-BZ#194	ND		ng/cart	5.00		1		
CI8-BZ#205	ND		ng/cart	5.00		1		
CI9-BZ#206	ND		ng/cart	5.00		1		
Cl10-BZ#209	ND		ng/cart	5.00		1		
Monochlorobiphenyls	ND		ng/cart	5.00		1		
Dichlorobiphenyls	ND		ng/cart	5.00		1		
Trichlorobiphenyls	ND		ng/cart	5.00		1		
Tetrachlorobiphenyls	30.2		ng/cart	5.00		1		
Pentachlorobiphenyls	5.44		ng/cart	5.00		1		
Hexachlorobiphenyls	ND		ng/cart	5.00		1		
Heptachlorobiphenyls	ND		ng/cart	5.00		1		
Octachlorobiphenyls	ND		ng/cart	5.00		1		
Nonachlorobiphenyls	ND		ng/cart	5.00		1		
Decachlorobiphenyl	ND		ng/cart	5.00		1		
Total Pcb	35.7		ng/cart	5.00		1		

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	82		50-125	
CI8-BZ#202-C13	78		50-125	



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-09 Date Collected: 06/27/23 14:55

Client ID: ROOM 313B Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Depth:

Matrix: Air Media Extraction Method: EPA 3540C

Analytical Method: 105,8270E-SIM/680(M) Extraction Date: 07/04/23 17:49

Analytical Date: 07/22/23 00:51 Analyst: CNC

Volume of Air: --

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI1-BZ#1	ND		ng/cart	5.00		1
Cl1-BZ#2	ND		ng/cart	5.00		1
CL1-BZ#3	ND		ng/cart	5.00		1
CI2-BZ#4/#10	ND		ng/cart	10.0		1
CI2-BZ#9	ND		ng/cart	5.00		1
CI2-BZ#7	ND		ng/cart	5.00		1
CI2-BZ#6	ND		ng/cart	5.00		1
CI2-BZ#5	ND		ng/cart	5.00		1
CI2-BZ#8	ND		ng/cart	5.00		1
Cl3-BZ#19	ND		ng/cart	5.00		1
CI2-BZ#14	ND		ng/cart	5.00		1
Cl3-BZ#30	ND		ng/cart	5.00		1
Cl3-BZ#18	ND		ng/cart	5.00		1
Cl2-BZ#11	ND		ng/cart	5.00		1
Cl3-BZ#17	ND		ng/cart	5.00		1
Cl2-BZ#12	ND		ng/cart	5.00		1
Cl3-BZ#27	ND		ng/cart	5.00		1
Cl2-BZ#13	ND		ng/cart	5.00		1
Cl3-BZ#24	ND		ng/cart	5.00		1
Cl3-BZ#16	ND		ng/cart	5.00		1
Cl3-BZ#32	ND		ng/cart	5.00		1
CI2-BZ#15	ND		ng/cart	5.00		1
Cl3-BZ#34	ND		ng/cart	5.00		1
Cl3-BZ#23	ND		ng/cart	5.00		1
Cl4-BZ#54	ND		ng/cart	5.00		1
Cl3-BZ#29	ND		ng/cart	5.00		1
Cl4-BZ#50	ND		ng/cart	5.00		1
Cl3-BZ#26	ND		ng/cart	5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-09

ROOM 313B

WORCESTER, MA

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 14:55

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - N	Mansfield Lab					
Cl3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	ND		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
Cl3-BZ#36	ND		ng/cart	5.00		1
CI4-BZ#52	19.2		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	6.46		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
CI4-BZ#57	ND		ng/cart	5.00		1
CI4-BZ#67/#58	ND		ng/cart	10.0		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-09 Date Collected: 06/27/23 14:55

Client ID: ROOM 313B Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor		
PCB Congeners/Homologs (LowVol) - Mansfield Lab								
015 57/400	ND		, .	5.00		,		
CI5-BZ#102	ND		ng/cart	5.00		1		
CI4-BZ#61	ND		ng/cart	5.00		1		
CI5-BZ#98	ND		ng/cart	5.00		1		
CI4-BZ#76	ND		ng/cart	5.00		1		
CI5-BZ#93	ND		ng/cart	5.00		1		
CI4-BZ#63	ND		ng/cart	5.00		1		
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1		
CI4-BZ#74	ND		ng/cart	5.00		1		
CI6-BZ#155	ND		ng/cart	5.00		1		
CI4-BZ#70	5.30		ng/cart	5.00		1		
CI5-BZ#91	ND		ng/cart	5.00		1		
CI4-BZ#66	ND		ng/cart	5.00		1		
CI4-BZ#80	ND		ng/cart	5.00		1		
CI4-BZ#55	ND		ng/cart	5.00		1		
CI5-BZ#92	ND		ng/cart	5.00		1		
CI5-BZ#89/#84	ND		ng/cart	10.0		1		
CI5-BZ#101/#90	ND		ng/cart	10.0		1		
CI4-BZ#56	ND		ng/cart	5.00		1		
CI5-BZ#113	ND		ng/cart	5.00		1		
CI5-BZ#99	ND		ng/cart	5.00		1		
CI6-BZ#150	ND		ng/cart	5.00		1		
CI4-BZ#60	ND		ng/cart	5.00		1		
Cl6-BZ#152	ND		ng/cart	5.00		1		
CI5-BZ#119	ND		ng/cart	5.00		1		
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1		
CI5-BZ#86/#109	ND		ng/cart	10.0		1		
CI5-BZ#97	ND		ng/cart	5.00		1		
CI5-BZ#116	ND		ng/cart	5.00		1		
CI5-BZ#87/#111	ND		ng/cart	10.0		1		
CI6-BZ#145	ND		ng/cart	5.00		1		
CI6-BZ#148	ND		ng/cart	5.00		1		
CI4-BZ#79	ND		ng/cart	5.00		1		
CI6-BZ#154	ND		ng/cart	5.00		1		
Cl4-BZ#78	ND		ng/cart	5.00		1		
Cl6-BZ#136	ND		ng/cart	5.00		1		
CI5-BZ#117	ND		ng/cart	5.00		1		
CI5-BZ#115	ND		ng/cart	5.00		1		



L2337109

Project Name: DOHERTY SCHOOL

L2337109-09

ROOM 313B

WORCESTER, MA

Project Number: 5174-01-09

SAMPLE RESULTS

Report Date: 07/24/23

Lab Number:

Date Collected: 06/27/23 14:55 Date Received: 06/28/23

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

CIS-BZ#110 S.51 ng/cart S.00 1 CIS-BZ#151 ND ng/cart S.00 1 CIS-BZ#151 ND ng/cart S.00 1 CIS-BZ#151 ND ng/cart S.00 1 CIS-BZ#153 ND ng/cart S.00 1 CIS-BZ#153 ND ng/cart S.00 1 CIS-BZ#154 ND ng/cart S.00 1 CIS-BZ#154 ND ng/cart S.00 1 CIS-BZ#144 ND ng/cart S.00 1 CIS-BZ#143913 ND ng/cart S.00 1 CIS-BZ#143913 ND ng/cart S.00 1 CIS-BZ#144 ND ng/cart S.00 1 CIS-BZ#144 ND ng/cart S.00 1 CIS-BZ#140 ND ng/cart S.00 1 CIS-BZ#1410 ND ng/cart S.0	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
ND	PCB Congeners/Homologs (LowVol) - Ma	nsfield Lab					
ND ng/cart 5.00 1							
CIS-BZ#110 S.81 ng/cart S.00 1 CIS-BZ#1811 ND ng/cart S.00 1 CIS-BZ#1811 ND ng/cart S.00 1 CIS-BZ#1813 ND ng/cart S.00 1 CIS-BZ#182 ND ng/cart S.00 1 CIS-BZ#182 ND ng/cart S.00 1 CIS-BZ#182 ND ng/cart S.00 1 CIS-BZ#184 ND	CI5-BZ#85						
Ci4-Bz#81 ND ng/cart 5.00 1 Ci6-Bz#151 ND ng/cart 5.00 1 Ci6-Bz#135 ND ng/cart 5.00 1 Ci6-Bz#136 ND ng/cart 5.00 1 Ci6-Bz#144 ND ng/cart 5.00 1 Ci6-Bz#147/#149 ND ng/cart 5.00 1 Ci6-Bz#143/#139 ND ng/cart 5.00 1 Ci6-Bz#143/#139 ND ng/cart 5.00 1 Ci6-Bz#164 ND ng/cart 5.00 1 Ci6-Bz#164 ND ng/cart 5.00 1 Ci6-Bz#168 ND ng/cart 5.00 1 Ci6-Bz#134 ND ng/cart 5.00 1 Ci6-Bz#133 ND ng/cart 5.00 1 Ci6-Bz#142	CI5-BZ#120						
ND	CI5-BZ#110			ng/cart	5.00		
ND ng/cart 5.00 1 1 1 1 1 1 1 1	CI4-BZ#81	ND		ng/cart	5.00		1
ND ng/cart 5.00 1 1 1 1 1 1 1 1	CI6-BZ#151	ND		ng/cart	5.00		1
CIG-BZ#144	CI6-BZ#135	ND		ng/cart	5.00		1
ND Ng/cart 10.0 - 1 1 1 1 1 1 1 1 1	CI5-BZ#82	ND		ng/cart	5.00		1
ND ng/cart 5.00 1	CI6-BZ#144	ND		ng/cart	5.00		1
Ci6-B2#143/#139 ND ng/cart 10.0 1 Ci6-B2#124 ND ng/cart 5.00 1 Ci6-B2#140 ND ng/cart 5.00 1 Ci6-B2#140 ND ng/cart 5.00 1 Ci6-B2#1418 ND ng/cart 5.00 1 Ci6-B2#1488 ND ng/cart 5.00 1 Ci6-B2#134 ND ng/cart 5.00 1 Ci6-B2#133 ND ng/cart 5.00 1 Ci6-B2#142 ND ng/cart 5.00 1 Ci6-B2#131 ND ng/cart 5.00 1 Ci6-B2#131 ND ng/cart 5.00 1 Ci6-B2#165 ND ng/cart 5.00 1 Ci6-B2#161 ND ng/cart 5.00 1 Ci6-B2#162 <td< td=""><td>CI6-BZ#147/#149</td><td>ND</td><td></td><td>ng/cart</td><td>10.0</td><td></td><td>1</td></td<>	CI6-BZ#147/#149	ND		ng/cart	10.0		1
ND ng/cart 5.00 1 1 1 1 1 1 1 1	CI4-BZ#77	ND		ng/cart	5.00		1
CIG-BZ#140 ND ng/cart 5.00 1 CIS-BZ#108 ND ng/cart 5.00 1 CIS-BZ#107/#123 ND ng/cart 10.0 1 CIF-BZ#138 ND ng/cart 5.00 1 CIS-BZ#144 ND ng/cart 5.00 1 CIS-BZ#106 ND ng/cart 5.00 1 CIS-BZ#133 ND ng/cart 5.00 1 CIS-BZ#142 ND ng/cart 5.00 1 CIS-BZ#131 ND ng/cart 5.00 1 CIS-BZ#142 ND ng/cart 5.00 1 CIS-BZ#131 ND ng/cart 5.00 1 CIS-BZ#148 ND ng/cart 5.00 1 CIS-BZ#161 ND ng/cart 5.00 1 CIS-BZ#122 N	CI6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#108 ND ng/cart 5.00 1 CI5-BZ#107/#123 ND ng/cart 10.0 1 CI7-BZ#188 ND ng/cart 5.00 1 CI6-BZ#134 ND ng/cart 5.00 1 CI6-BZ#106 ND ng/cart 5.00 1 CI6-BZ#133 ND ng/cart 5.00 1 CI6-BZ#142 ND ng/cart 5.00 1 CI6-BZ#142 ND ng/cart 5.00 1 CI6-BZ#142 ND ng/cart 5.00 1 CI6-BZ#184 ND ng/cart 5.00 1 CI6-BZ#184 ND ng/cart 5.00 1 CI6-BZ#166 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#122 N	CI5-BZ#124	ND		ng/cart	5.00		1
CI5-BZ#107/#123 ND ng/cart 10.0 1 CI7-BZ#188 ND ng/cart 5.00 1 CI6-BZ#134 ND ng/cart 5.00 1 CI6-BZ#136 ND ng/cart 5.00 1 CI6-BZ#133 ND ng/cart 5.00 1 CI6-BZ#142 ND ng/cart 5.00 1 CI6-BZ#131 ND ng/cart 5.00 1 CI6-BZ#184 ND ng/cart 5.00 1 CI7-BZ#184 ND ng/cart 5.00 1 CI6-BZ#165 ND ng/cart 5.00 1 CI6-BZ#166 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#153 N	CI6-BZ#140	ND		ng/cart	5.00		1
CI7-BZ#188 ND ng/cart 5.00 1 CI6-BZ#134 ND ng/cart 5.00 1 CI5-BZ#106 ND ng/cart 5.00 1 CI6-BZ#133 ND ng/cart 5.00 1 CI6-BZ#142 ND ng/cart 5.00 1 CI5-BZ#118 ND ng/cart 5.00 1 CI6-BZ#131 ND ng/cart 5.00 1 CI7-BZ#184 ND ng/cart 5.00 1 CI6-BZ#165 ND ng/cart 5.00 1 CI6-BZ#166 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#179 ND <td>CI5-BZ#108</td> <td>ND</td> <td></td> <td>ng/cart</td> <td>5.00</td> <td></td> <td>1</td>	CI5-BZ#108	ND		ng/cart	5.00		1
ND ng/cart 5.00 1	CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI5-BZ#106 ND ng/cart 5.00 1 CI6-BZ#133 ND ng/cart 5.00 1 CI6-BZ#142 ND ng/cart 5.00 1 CI5-BZ#118 ND ng/cart 5.00 1 CI6-BZ#131 ND ng/cart 5.00 1 CI7-BZ#184 ND ng/cart 5.00 1 CI6-BZ#165 ND ng/cart 5.00 1 CI6-BZ#146 ND ng/cart 5.00 1 CI5-BZ#161 ND ng/cart 5.00 1 CI6-BZ#122 ND ng/cart 5.00 1 CI6-BZ#144 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND <td>CI7-BZ#188</td> <td>ND</td> <td></td> <td>ng/cart</td> <td>5.00</td> <td></td> <td>1</td>	CI7-BZ#188	ND		ng/cart	5.00		1
Cl6-BZ#133 ND ng/cart 5.00 1 Cl6-BZ#142 ND ng/cart 5.00 1 Cl5-BZ#118 ND ng/cart 5.00 1 Cl6-BZ#131 ND ng/cart 5.00 1 Cl7-BZ#184 ND ng/cart 5.00 1 Cl6-BZ#165 ND ng/cart 5.00 1 Cl6-BZ#146 ND ng/cart 5.00 1 Cl6-BZ#161 ND ng/cart 5.00 1 Cl6-BZ#122 ND ng/cart 5.00 1 Cl6-BZ#168 ND ng/cart 5.00 1 Cl6-BZ#144 ND ng/cart 5.00 1 Cl6-BZ#132 ND ng/cart 5.00 1 Cl6-BZ#179 ND ng/cart 5.00 1 Cl6-BZ#176 ND <td>CI6-BZ#134</td> <td>ND</td> <td></td> <td>ng/cart</td> <td>5.00</td> <td></td> <td>1</td>	CI6-BZ#134	ND		ng/cart	5.00		1
Cl6-BZ#142 ND ng/cart 5.00 1 Cl5-BZ#118 ND ng/cart 5.00 1 Cl6-BZ#131 ND ng/cart 5.00 1 Cl7-BZ#184 ND ng/cart 5.00 1 Cl6-BZ#165 ND ng/cart 5.00 1 Cl6-BZ#146 ND ng/cart 5.00 1 Cl6-BZ#161 ND ng/cart 5.00 1 Cl5-BZ#122 ND ng/cart 5.00 1 Cl6-BZ#168 ND ng/cart 5.00 1 Cl6-BZ#168 ND ng/cart 5.00 1 Cl6-BZ#153 ND ng/cart 5.00 1 Cl6-BZ#179 ND ng/cart 5.00 1 Cl6-BZ#141 ND ng/cart 5.00 1 Cl6-BZ#176 ND <td>CI5-BZ#106</td> <td>ND</td> <td></td> <td>ng/cart</td> <td>5.00</td> <td></td> <td>1</td>	CI5-BZ#106	ND		ng/cart	5.00		1
CI5-BZ#118 ND ng/cart 5.00 1 CI7-BZ#184 ND ng/cart 5.00 1 CI7-BZ#184 ND ng/cart 5.00 1 CI6-BZ#165 ND ng/cart 5.00 1 CI6-BZ#166 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#162 ND ng/cart 5.00 1 CI6-BZ#163 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#162 ND ng/cart 5.00 1 CI6-BZ#179 ND ng/cart 5.00 1 CI6-BZ#179 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#171	CI6-BZ#133	ND		ng/cart	5.00		1
Cl6-BZ#131 ND ng/cart 5.00 1 Cl7-BZ#184 ND ng/cart 5.00 1 Cl6-BZ#165 ND ng/cart 5.00 1 Cl6-BZ#146 ND ng/cart 5.00 1 Cl6-BZ#161 ND ng/cart 5.00 1 Cl5-BZ#122 ND ng/cart 5.00 1 Cl6-BZ#168 ND ng/cart 5.00 1 Cl6-BZ#168 ND ng/cart 5.00 1 Cl6-BZ#153 ND ng/cart 5.00 1 Cl6-BZ#132 ND ng/cart 5.00 1 Cl7-BZ#179 ND ng/cart 5.00 1 Cl6-BZ#141 ND ng/cart 5.00 1 Cl7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#142	ND		ng/cart	5.00		1
CI7-BZ#184 ND ng/cart 5.00 1 CI6-BZ#165 ND ng/cart 5.00 1 CI6-BZ#146 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI6-BZ#162 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#154 5.00 1 CI6-BZ#155 ND ng/cart 5.00 1 CI6-BZ#179 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1	CI5-BZ#118	ND		ng/cart	5.00		1
Cl6-BZ#165 ND ng/cart 5.00 1 Cl6-BZ#146 ND ng/cart 5.00 1 Cl6-BZ#161 ND ng/cart 5.00 1 Cl5-BZ#122 ND ng/cart 5.00 1 Cl6-BZ#168 ND ng/cart 5.00 1 Cl5-BZ#114 ND ng/cart 5.00 1 Cl6-BZ#153 ND ng/cart 5.00 1 Cl6-BZ#132 ND ng/cart 5.00 1 Cl7-BZ#179 ND ng/cart 5.00 1 Cl6-BZ#141 ND ng/cart 5.00 1 Cl7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#131	ND		ng/cart	5.00		1
CI6-BZ#146 ND ng/cart 5.00 1 CI6-BZ#161 ND ng/cart 5.00 1 CI5-BZ#122 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI5-BZ#114 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#161 ND ng/cart 5.00 1 CI5-BZ#122 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI5-BZ#114 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#165	ND		ng/cart	5.00		1
CI5-BZ#122 ND ng/cart 5.00 1 CI6-BZ#168 ND ng/cart 5.00 1 CI5-BZ#114 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#168 ND ng/cart 5.00 1 CI5-BZ#114 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#114 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI5-BZ#122	ND		ng/cart	5.00		1
CI5-BZ#114 ND ng/cart 5.00 1 CI6-BZ#153 ND ng/cart 5.00 1 CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#168	ND		ng/cart	5.00		1
CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#132 ND ng/cart 5.00 1 CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#153	ND			5.00		1
CI7-BZ#179 ND ng/cart 5.00 1 CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#132	ND			5.00		1
CI6-BZ#141 ND ng/cart 5.00 1 CI7-BZ#176 ND ng/cart 5.00 1	CI7-BZ#179						1
CI7-BZ#176 ND ng/cart 5.00 1	CI6-BZ#141	ND					1
Ç .	CI7-BZ#176						
CI5-BZ#105 ND ng/cart 5.00 1	CI5-BZ#105	ND		ng/cart	5.00		1
Ü	CI6-BZ#137						
ŭ	CI5-BZ#127						



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

L2337109-09

Date Collected: 06/27/23 14:55

Client ID: Date Received: 06/28/23 **ROOM 313B**

Sample Location: Field Prep: Not Specified WORCESTER, MA

Sample Depth:

Lab ID:

Parameter	Result	Qualifier Ur	nits RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowV	ol) - Mansfield Lab				
CI7-BZ#186	ND	ng/	cart 5.00		1
Cl6-BZ#130/#164	ND	ng/	cart 10.0		1
CI7-BZ#178	ND	ng/	cart 5.00		1
Cl6-BZ#138	ND	ng/	cart 5.00		1
CI6-BZ#163/#160	ND	ng/	cart 10.0		1
Cl6-BZ#129/#158	ND	ng/	cart 10.0		1
CI7-BZ#182/#175	ND	ng/	cart 10.0		1
CI7-BZ#187	ND	ng/	cart 5.00		1
CI7-BZ#183	ND	ng/	cart 5.00		1
CI6-BZ#166	ND	ng/	cart 5.00		1
Cl6-BZ#159	ND	ng/	cart 5.00		1
CI5-BZ#126	ND	ng/	cart 5.00		1
CI7-BZ#185	ND	ng/	cart 5.00		1
CI6-BZ#162	ND	ng/	cart 5.00		1
CI7-BZ#174	ND	ng/	cart 5.00		1
Cl6-BZ#128	ND	ng/	cart 5.00		1
CI6-BZ#167	ND	ng/	cart 5.00		1
CI8-BZ#202	ND	ng/	cart 5.00		1
CI7-BZ#181	ND	ng/	cart 5.00		1
CI7-BZ#177	ND	ng/	cart 5.00		1
CI8-BZ#204/#200-CAL	ND	ng/	cart 10.0		1
CI7-BZ#171	ND	ng/	cart 5.00		1
CI7-BZ#173	ND	ng/	cart 5.00		1
CI8-BZ#197	ND	ng/	cart 5.00		1
CI7-BZ#172	ND	ng/	cart 5.00		1
CI7-BZ#192	ND	ng/	cart 5.00		1
CI6-BZ#156	ND	ng/	cart 5.00		1
CI6-BZ#157	ND	ng/	cart 5.00		1
CI7-BZ#180	ND	ng/	cart 5.00		1
CI7-BZ#193	ND	ng/	cart 5.00		1
CI8-BZ#199	ND	ng/	cart 5.00		1
CI7-BZ#191	ND	ng/	cart 5.00		1
CI8-BZ#198	ND	ng/	cart 5.00		1
CI8-BZ#201	ND	ng/	cart 5.00		1
CI7-BZ#170	ND	ng/	cart 5.00		1
CI7-BZ#190	ND	ng/	cart 5.00		1
CI8-BZ#196	ND	ng/	cart 5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-09 Date Collected: 06/27/23 14:55

Client ID: ROOM 313B Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor		
PCB Congeners/Homologs (LowVol) - Mansfield Lab								
CI8-BZ#203	ND		/	5.00		1		
			ng/cart					
CI6-BZ#169	ND		ng/cart	5.00		1		
CI9-BZ#208	ND		ng/cart	5.00		1		
CI9-BZ#207	ND		ng/cart	5.00		1		
CI7-BZ#189	ND		ng/cart	5.00		1		
CI8-BZ#195	ND		ng/cart	5.00		1		
CI8-BZ#194	ND		ng/cart	5.00		1		
CI8-BZ#205	ND		ng/cart	5.00		1		
Cl9-BZ#206	ND		ng/cart	5.00		1		
Cl10-BZ#209	ND		ng/cart	5.00		1		
Monochlorobiphenyls	ND		ng/cart	5.00		1		
Dichlorobiphenyls	ND		ng/cart	5.00		1		
Trichlorobiphenyls	ND		ng/cart	5.00		1		
Tetrachlorobiphenyls	31.0		ng/cart	5.00		1		
Pentachlorobiphenyls	5.61		ng/cart	5.00		1		
Hexachlorobiphenyls	ND		ng/cart	5.00		1		
Heptachlorobiphenyls	ND		ng/cart	5.00		1		
Octachlorobiphenyls	ND		ng/cart	5.00		1		
Nonachlorobiphenyls	ND		ng/cart	5.00		1		
Decachlorobiphenyl	ND		ng/cart	5.00		1		
Total Pcb	36.6		ng/cart	5.00		1		

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	82		50-125	
CI8-BZ#202-C13	78		50-125	



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Report Date: **Project Number:**

5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: Date Collected: 06/27/23 14:49 L2337109-10

Date Received: Client ID: 06/28/23 **ROOM 406** Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Depth:

Volume of Air:

Extraction Method: EPA 3540C Matrix: Air Media

Extraction Date: 07/04/23 17:49 Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/22/23 05:34 Analyst: CNC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	
PCB Congeners/Homologs (LowVol) -	Mansfield Lab						
CI1-BZ#1	ND		ng/cart	5.00		1	
CI1-BZ#2	ND		ng/cart	5.00		1	
CL1-BZ#3	ND		ng/cart	5.00		1	
CI2-BZ#4/#10	ND		ng/cart	10.0		1	
CI2-BZ#9	ND		ng/cart	5.00		1	
CI2-BZ#7	ND		ng/cart	5.00		1	
CI2-BZ#6	ND		ng/cart	5.00		1	
Cl2-BZ#5	ND		ng/cart	5.00		1	
CI2-BZ#8	ND		ng/cart	5.00		1	
Cl3-BZ#19	ND		ng/cart	5.00		1	
Cl2-BZ#14	ND		ng/cart	5.00		1	
Cl3-BZ#30	ND		ng/cart	5.00		1	
Cl3-BZ#18	ND		ng/cart	5.00		1	
Cl2-BZ#11	ND		ng/cart	5.00		1	
Cl3-BZ#17	ND		ng/cart	5.00		1	
Cl2-BZ#12	ND		ng/cart	5.00		1	
Cl3-BZ#27	ND		ng/cart	5.00		1	
Cl2-BZ#13	ND		ng/cart	5.00		1	
Cl3-BZ#24	ND		ng/cart	5.00		1	
Cl3-BZ#16	ND		ng/cart	5.00		1	
Cl3-BZ#32	ND		ng/cart	5.00		1	
Cl2-BZ#15	ND		ng/cart	5.00		1	
Cl3-BZ#34	ND		ng/cart	5.00		1	
Cl3-BZ#23	ND		ng/cart	5.00		1	
Cl4-BZ#54	ND		ng/cart	5.00		1	
Cl3-BZ#29	ND		ng/cart	5.00		1	
CI4-BZ#50	ND		ng/cart	5.00		1	
Cl3-BZ#26	ND		ng/cart	5.00		1	

L2337109

06/27/23 14:49

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Report Date: 07/24/23

Lab Number:

Date Collected:

Lab ID: L2337109-10 Client ID: ROOM 406

Sample Location: WORCESTER, MA Date Received: 06/28/23

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
Cl3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	ND		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
Cl3-BZ#36	ND		ng/cart	5.00		1
Cl4-BZ#52	10.4		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
Cl4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
CI3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	ND		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
CI3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
Cl4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
CI4-BZ#57	ND		ng/cart	5.00		1
Cl4-BZ#67/#58	ND		ng/cart	10.0		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-10

WORCESTER, MA

ROOM 406

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 14:49

Lab Number:

Report Date:

Date Received: 06/28/23 Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - M	lansfield Lab					
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
CI4-BZ#74	ND		ng/cart	5.00		1
Cl6-BZ#155	ND		ng/cart	5.00		1
CI4-BZ#70	ND		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
Cl4-BZ#66	ND		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	ND		ng/cart	10.0		1
Cl4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	ND		ng/cart	5.00		1
CI6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
CI6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	ND		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
Cl4-BZ#78	ND		ng/cart	5.00		1
Cl6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

L2337109-10

Date Collected: 06/27/23 14:49

Client ID: Date Received: 06/28/23 ROOM 406

Sample Location: Field Prep: Not Specified WORCESTER, MA

Sample Depth:

Lab ID:

Parameter	Result	Qualifier Units	s RL	MDL	Dilution Factor
PCB Congeners/Homologs (L	owVol) - Mansfield Lab				
CI5-BZ#85	ND	ng/ca	rt 5.00		1
CI5-BZ#120	ND	ng/ca	rt 5.00		1
CI5-BZ#110	ND	ng/ca	rt 5.00		1
CI4-BZ#81	ND	ng/ca	rt 5.00		1
CI6-BZ#151	ND	ng/ca	rt 5.00		1
CI6-BZ#135	ND	ng/ca	rt 5.00		1
CI5-BZ#82	ND	ng/ca	rt 5.00		1
CI6-BZ#144	ND	ng/ca	rt 5.00		1
CI6-BZ#147/#149	ND	ng/ca	rt 10.0		1
CI4-BZ#77	ND	ng/ca	rt 5.00		1
CI6-BZ#143/#139	ND	ng/ca	rt 10.0		1
CI5-BZ#124	ND	ng/ca	rt 5.00		1
CI6-BZ#140	ND	ng/ca	rt 5.00		1
CI5-BZ#108	ND	ng/ca	rt 5.00		1
CI5-BZ#107/#123	ND	ng/ca	rt 10.0		1
CI7-BZ#188	ND	ng/ca	rt 5.00		1
CI6-BZ#134	ND	ng/ca	rt 5.00		1
CI5-BZ#106	ND	ng/ca	rt 5.00		1
CI6-BZ#133	ND	ng/ca	rt 5.00		1
CI6-BZ#142	ND	ng/ca	rt 5.00		1
CI5-BZ#118	ND	ng/ca	rt 5.00		1
Cl6-BZ#131	ND	ng/ca	rt 5.00		1
CI7-BZ#184	ND	ng/ca	rt 5.00		1
CI6-BZ#165	ND	ng/ca	rt 5.00		1
CI6-BZ#146	ND	ng/ca	rt 5.00		1
CI6-BZ#161	ND	ng/ca	rt 5.00		1
CI5-BZ#122	ND	ng/ca	rt 5.00		1
CI6-BZ#168	ND	ng/ca	rt 5.00		1
CI5-BZ#114	ND	ng/ca	rt 5.00		1
CI6-BZ#153	ND	ng/ca	rt 5.00		1
Cl6-BZ#132	ND	ng/ca	rt 5.00		1
CI7-BZ#179	ND	ng/ca	rt 5.00		1
CI6-BZ#141	ND	ng/ca	rt 5.00		1
CI7-BZ#176	ND	ng/ca	rt 5.00		1
CI5-BZ#105	ND	ng/ca	rt 5.00		1
CI6-BZ#137	ND	ng/ca	rt 5.00		1
CI5-BZ#127	ND	ng/ca	rt 5.00		1



Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

06/27/23 14:49

Report Date: 07/24/23

Lab Number:

Lab ID: L2337109-10 Date Collected:

Client ID: ROOM 406

Date Received: 06/28/23 Field Prep:

Sample Location: WORCESTER, MA Not Specified

L2337109

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (Lo	wVol) - Mansfield Lab					
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	ND		ng/cart	5.00		1
CI6-BZ#163/#160	ND	r	ng/cart	10.0		1
CI6-BZ#129/#158	ND	r	ng/cart	10.0		1
CI7-BZ#182/#175	ND	r	ng/cart	10.0		1
CI7-BZ#187	ND	r	ng/cart	5.00		1
CI7-BZ#183	ND	r	ng/cart	5.00		1
CI6-BZ#166	ND	r	ng/cart	5.00		1
CI6-BZ#159	ND	r	ng/cart	5.00		1
CI5-BZ#126	ND	r	ng/cart	5.00		1
CI7-BZ#185	ND	r	ng/cart	5.00		1
CI6-BZ#162	ND	r	ng/cart	5.00		1
CI7-BZ#174	ND	r	ng/cart	5.00		1
CI6-BZ#128	ND	r	ng/cart	5.00		1
CI6-BZ#167	ND	r	ng/cart	5.00		1
CI8-BZ#202	ND	r	ng/cart	5.00		1
CI7-BZ#181	ND	r	ng/cart	5.00		1
CI7-BZ#177	ND	r	ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND	r	ng/cart	10.0		1
CI7-BZ#171	ND	r	ng/cart	5.00		1
CI7-BZ#173	ND	r	ng/cart	5.00		1
CI8-BZ#197	ND	r	ng/cart	5.00		1
CI7-BZ#172	ND	r	ng/cart	5.00		1
CI7-BZ#192	ND	r	ng/cart	5.00		1
CI6-BZ#156	ND	r	ng/cart	5.00		1
CI6-BZ#157	ND	r	ng/cart	5.00		1
CI7-BZ#180	ND	r	ng/cart	5.00		1
CI7-BZ#193	ND	r	ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1
		•	J			



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-10 Date Collected: 06/27/23 14:49

Client ID: Date Received: 06/28/23 **ROOM 406** Field Prep: Sample Location: WORCESTER, MA Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI8-BZ#203	ND		ng/cort	5.00		1
CI6-BZ#169	ND		ng/cart	5.00		1
			ng/cart			
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	ND		ng/cart	5.00		1
Tetrachlorobiphenyls	10.4		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	10.4		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	76		50-125	
CI8-BZ#202-C13	72		50-125	



L2337109

06/27/23 14:51

Not Specified

06/28/23

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

SAMPLE RESULTS

Report Date: 07/24/23

Lab Number:

Date Collected:

Date Received:

Field Prep:

Lab ID: L2337109-11 Client ID: **ROOM 423**

Sample Location: WORCESTER, MA

Sample Depth:

Matrix: Air Media

105,8270E-SIM/680(M) Analytical Method:

Analytical Date: 07/22/23 06:43

Analyst: CNC

Volume of Air:

Extraction Method: EPA 3540C

Extraction Date: 07/04/23 17:49

PCB Congeners/Homologs (LowVol) - Mansfield Lab Ci1-BZ#1 ND ng/cart 5.00 - 1 Ci1-BZ#2 ND ng/cart 5.00 - 1 Ci1-BZ#2 ND ng/cart 5.00 - 1 Ci2-BZ#4/H0 ND ng/cart 5.00 - 1 Ci2-BZ#3 ND ng/cart 5.00 - 1 Ci2-BZ#3 ND ng/cart 5.00 - 1 Ci2-BZ#6 ND ng/cart 5.00 - 1 Ci2-BZ#19 ND ng/cart 5.00 - 1 Ci2-BZ#10 ND ng/cart 5.00 - 1 <	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Ci1-82#2 ND ng/cart 5.00 1 Ci1-82#3 ND ng/cart 5.00 1 Ci2-82#4#10 ND ng/cart 10.0 1 Ci2-82#9 ND ng/cart 5.00 1 Ci2-82#6 ND ng/cart 5.00 1 Ci2-82#19 ND ng/cart 5.00 1 Ci3-82#19 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci2-82#15 ND ng/car	PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
Ci1-82#2 ND ng/cart 5.00 1 Ci1-82#3 ND ng/cart 5.00 1 Ci2-82#4#10 ND ng/cart 10.0 1 Ci2-82#9 ND ng/cart 5.00 1 Ci2-82#6 ND ng/cart 5.00 1 Ci3-82#19 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci3-82#14 ND ng/cart 5.00 1 Ci2-82#15 ND ng/cart	CI1-BZ#1	ND		ng/cart	5.00		1
CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4/#10 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl2-BZ#11 ND ng/c		ND					1
C12-B2#H/#10 ND ng/cart 1.0.0 1 C12-B2#9 ND ng/cart 5.00 1 C12-B2#7 ND ng/cart 5.00 1 C12-B2#6 ND ng/cart 5.00 1 C12-B2#5 ND ng/cart 5.00 1 C12-B2#8 ND ng/cart 5.00 1 C12-B2#19 ND ng/cart 5.00 1 C12-B2#14 ND ng/cart 5.00 1 C13-B2#19 ND ng/cart 5.00 1 C13-B2#14 ND ng/cart 5.00 1 C13-B2#13 ND ng/cart 5.00 1 C12-B2#11 ND ng/cart 5.00 1 C13-B2#21 ND ng/cart 5.00 1 C12-B2#15 ND n							
C12-BZ#9 ND ng/cart 5.00 1 C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#16 ND ng/ca		ND			10.0		1
C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/c	CI2-BZ#9	ND			5.00		1
C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#34 ND ng/	CI2-BZ#7	ND			5.00		1
C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#18 ND ng/cart 5.00 1 C12-BZ#19 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#23 ND ng	CI2-BZ#6	ND			5.00		1
C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#34 ND ng/cart 5.00 1 C13-BZ#33 ND ng/cart 5.00 1 C13-BZ#29 ND ng/cart	CI2-BZ#5	ND			5.00		1
CI3-BZ#19 ND ng/cart 5.00 1 CI2-BZ#14 ND ng/cart 5.00 1 CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 ND ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI3-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI2-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#24 ND	CI2-BZ#8	ND			5.00		1
Cl3-BZ#30 ND ng/cart 5.00 1 Cl3-BZ#18 ND ng/cart 5.00 1 Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#315 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#50 ND <td< td=""><td>Cl3-BZ#19</td><td>ND</td><td></td><td></td><td>5.00</td><td></td><td>1</td></td<>	Cl3-BZ#19	ND			5.00		1
CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 ND ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#35 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart	Cl2-BZ#14	ND		ng/cart	5.00		1
Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#26 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#30	ND			5.00		1
Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#16 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#18	ND		ng/cart	5.00		1
CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#11	ND		ng/cart	5.00		1
CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#17	ND		ng/cart	5.00		1
CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#12	ND		ng/cart	5.00		1
CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#27	ND		ng/cart	5.00		1
CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	CI2-BZ#13	ND		ng/cart	5.00		1
CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#24	ND		ng/cart	5.00		1
CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#16	ND		ng/cart	5.00		1
CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#32	ND		ng/cart	5.00		1
CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#15	ND		ng/cart	5.00		1
CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#34	ND		ng/cart	5.00		1
CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#23	ND		ng/cart	5.00		1
CI4-BZ#50 ND ng/cart 5.00 1	CI4-BZ#54	ND		ng/cart	5.00		1
	Cl3-BZ#29	ND		ng/cart	5.00		1
Cl3-BZ#26 ND ng/cart 5.00 1	CI4-BZ#50	ND		ng/cart	5.00		1
	Cl3-BZ#26	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-11 Date Collected: 06/27/23 14:51

Client ID: ROOM 423 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
Olo D7#05	ND		, .	5.00		
CI3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	ND		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
Cl3-BZ#36	ND		ng/cart	5.00		1
CI4-BZ#52	7.15		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	ND		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
Cl4-BZ#57	ND		ng/cart	5.00		1
Cl4-BZ#67/#58	ND		ng/cart	10.0		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-11 Date Collected: 06/27/23 14:51

Client ID: ROOM 423 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Sample Depth:

MDL Result Qualifier Units RL **Dilution Factor Parameter** PCB Congeners/Homologs (LowVol) - Mansfield Lab CI5-BZ#102 ND 5.00 1 ng/cart CI4-BZ#61 ND ng/cart 5.00 1 CI5-BZ#98 ND ng/cart 5.00 1 CI4-BZ#76 ND 5.00 1 ng/cart --CI5-BZ#93 ND ng/cart 5.00 1 CI4-BZ#63 ND ng/cart 5.00 1 CI5-BZ#121/#95/#88 ND ng/cart 15.0 --1 CI4-BZ#74 ND ng/cart 5.00 1 CI6-BZ#155 ND ng/cart 5.00 --1 CI4-BZ#70 ND ng/cart 5.00 --1 CI5-BZ#91 ND ng/cart 5.00 1 CI4-BZ#66 ND 1 ng/cart 5.00 CI4-BZ#80 ND 5.00 1 ng/cart CI4-BZ#55 ND ng/cart 5.00 --1 CI5-BZ#92 ND 5.00 1 ng/cart --CI5-BZ#89/#84 ND 10.0 1 ng/cart --CI5-BZ#101/#90 ND ng/cart 10.0 1 CI4-BZ#56 ND 5.00 1 ng/cart CI5-BZ#113 ND 5.00 1 ng/cart CI5-BZ#99 ND 5.00 1 ng/cart CI6-BZ#150 ND 5.00 ng/cart 1 --CI4-BZ#60 ND ng/cart 5.00 1 CI6-BZ#152 ND 5.00 1 ng/cart CI5-BZ#119 ND ng/cart 5.00 1 CI5-BZ#83/#125/#112 ND ng/cart 15.0 1 CI5-BZ#86/#109 ND 1 ng/cart 10.0 --CI5-BZ#97 ND 5.00 1 ng/cart CI5-BZ#116 ND ng/cart 5.00 1 ND CI5-BZ#87/#111 10.0 1 ng/cart CI6-BZ#145 ND 5.00 ng/cart 1 CI6-BZ#148 ND ng/cart 5.00 --1 CI4-BZ#79 ND 5.00 1 ng/cart --CI6-BZ#154 ND 5.00 1 ng/cart CI4-BZ#78 ND 5.00 1 ng/cart --CI6-BZ#136 ND 5.00 1 ng/cart CI5-BZ#117 ND ng/cart 5.00 1 CI5-BZ#115 ND ng/cart 5.00 1 --



L2337109

Lab Number:

Project Name: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-11 Date Collected: 06/27/23 14:51

Client ID: **ROOM 423** Date Received: 06/28/23 Sample Location: Field Prep: Not Specified WORCESTER, MA

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	ND		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		1
CI6-BZ#151	ND		ng/cart	5.00		1
CI6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
CI6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	ND		ng/cart	10.0		1
CI4-BZ#77	ND		ng/cart	5.00		1
Cl6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
Cl6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
CI6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	ND		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	ND		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Project Number: Report Date: 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-11 Date Collected: 06/27/23 14:51

Client ID: Date Received: 06/28/23 **ROOM 423** Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
	ND		, .	5.00		,
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
CI6-BZ#138	ND		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	ND		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
Cl6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
CI6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
CI6-BZ#128	ND		ng/cart	5.00		1
CI6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	ND		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-11 Date Collected: 06/27/23 14:51

Client ID: ROOM 423 Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI8-BZ#203	ND			F 00		1
			ng/cart	5.00		
CI6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	ND		ng/cart	5.00		1
Tetrachlorobiphenyls	7.15		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	7.15		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
CI3-BZ#19-C13	58		50-125	
CI8-BZ#202-C13	56		50-125	



06/27/23 15:06

Not Specified

06/28/23

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

L2337109

Lab Number:

Date Collected:

Date Received:

Field Prep:

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-12

Client ID: **AMBIENT**

Sample Location: WORCESTER, MA

Sample Depth:

Matrix: Air Media

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/22/23 07:52

Analyst: CNC

Volume of Air:

Extraction Method: EPA 3540C

Extraction Date: 07/04/23 17:49

PCB Congeners/Homologs (LowVol) - Mansfield Lab Cl1-BZ#1 ND ng/cart 5.00 1 Cl1-BZ#2 ND ng/cart 5.00 1 Cl1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4#10 ND ng/cart 1.00 1 Cl2-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl2-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1	Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Cl1-BZ#2 ND ng/cart 5.00 1 CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4#H0 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/car	PCB Congeners/Homologs (LowVol) - Mansfield Lab					
Cl1-BZ#2 ND ng/cart 5.00 1 CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4#H0 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/car	CI1-BZ#1	ND		ng/cart	5.00		1
CL1-BZ#3 ND ng/cart 5.00 1 Cl2-BZ#4/#10 ND ng/cart 10.0 1 Cl2-BZ#9 ND ng/cart 5.00 1 Cl2-BZ#7 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#6 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl2-BZ#8 ND ng/cart 5.00 1 Cl3-BZ#19 ND ng/cart 5.00 1 Cl3-BZ#18 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/c							1
C12-B2#H/#10 ND ng/cart 10.0 1 C12-B2#9 ND ng/cart 5.00 1 C12-B2#7 ND ng/cart 5.00 1 C12-B2#6 ND ng/cart 5.00 1 C12-B2#8 ND ng/cart 5.00 1 C12-B2#8 ND ng/cart 5.00 1 C12-B2#19 ND ng/cart 5.00 1 C12-B2#14 ND ng/cart 5.00 1 C12-B2#14 ND ng/cart 5.00 1 C13-B2#18 ND ng/cart 5.00 1 C12-B2#11 ND ng/cart 5.00 1 C12-B2#17 ND ng/cart 5.00 1 C12-B2#17 ND ng/cart 5.00 1 C12-B2#12 ND ng	CL1-BZ#3	ND					
C12-BZ#9 ND ng/cart 5.00 1 C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C12-BZ#18 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#16 ND ng/ca		ND					1
C12-BZ#7 ND ng/cart 5.00 1 C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#14 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#16 ND ng/c	CI2-BZ#9	ND					1
C12-BZ#6 ND ng/cart 5.00 1 C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/	CI2-BZ#7	ND			5.00		1
C12-BZ#5 ND ng/cart 5.00 1 C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#23 ND ng	CI2-BZ#6	ND			5.00		1
C12-BZ#8 ND ng/cart 5.00 1 C13-BZ#19 ND ng/cart 5.00 1 C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C12-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#16 ND ng/cart 5.00 1 C13-BZ#32 ND ng/cart 5.00 1 C13-BZ#23 ND n	CI2-BZ#5	ND			5.00		1
Ci3-BZ#19 ND ng/cart 5.00 1 Ci2-BZ#14 ND ng/cart 5.00 1 Ci3-BZ#30 ND ng/cart 5.00 1 Ci3-BZ#18 ND ng/cart 5.00 1 Ci2-BZ#11 ND ng/cart 5.00 1 Ci3-BZ#17 ND ng/cart 5.00 1 Ci2-BZ#12 ND ng/cart 5.00 1 Ci3-BZ#27 ND ng/cart 5.00 1 Ci3-BZ#31 ND ng/cart 5.00 1 Ci3-BZ#24 ND ng/cart 5.00 1 Ci3-BZ#32 ND ng/cart 5.00 1 Ci3-BZ#34 ND ng/cart 5.00 1 Ci3-BZ#23 ND ng/cart 5.00 1 Ci3-BZ#24 ND ng/cart 5.00 1 Ci3-BZ#25 ND ng/cart	CI2-BZ#8	ND			5.00		1
C12-BZ#14 ND ng/cart 5.00 1 C13-BZ#30 ND ng/cart 5.00 1 C13-BZ#18 ND ng/cart 5.00 1 C12-BZ#11 ND ng/cart 5.00 1 C13-BZ#17 ND ng/cart 5.00 1 C12-BZ#12 ND ng/cart 5.00 1 C13-BZ#27 ND ng/cart 5.00 1 C12-BZ#13 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#23 ND ng/cart 5.00 1 C12-BZ#15 ND ng/cart 5.00 1 C13-BZ#24 ND ng/cart 5.00 1 C13-BZ#34 ND ng/cart 5.00 1 C13-BZ#23 ND ng/cart 5.00 1 C14-BZ#54 ND ng/cart	Cl3-BZ#19	ND			5.00		1
CI3-BZ#30 ND ng/cart 5.00 1 CI3-BZ#18 ND ng/cart 5.00 1 CI2-BZ#11 ND ng/cart 5.00 1 CI3-BZ#17 ND ng/cart 5.00 1 CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart	CI2-BZ#14	ND			5.00		1
Cl2-BZ#11 ND ng/cart 5.00 1 Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#36 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#23 ND ng/cart 5.00 1 Cl4-BZ#54 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1 Cl4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#30	ND			5.00		1
Cl3-BZ#17 ND ng/cart 5.00 1 Cl2-BZ#12 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl3-BZ#27 ND ng/cart 5.00 1 Cl2-BZ#13 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#24 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl3-BZ#32 ND ng/cart 5.00 1 Cl2-BZ#15 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#34 ND ng/cart 5.00 1 Cl3-BZ#35 ND ng/cart 5.00 1 Cl3-BZ#36 ND ng/cart 5.00 1 Cl3-BZ#28 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1 Cl3-BZ#29 ND ng/cart 5.00 1	Cl3-BZ#18	ND		ng/cart	5.00		1
CI2-BZ#12 ND ng/cart 5.00 1 CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#11	ND		ng/cart	5.00		1
CI3-BZ#27 ND ng/cart 5.00 1 CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#17	ND		ng/cart	5.00		1
CI2-BZ#13 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#25 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#12	ND		ng/cart	5.00		1
CI3-BZ#24 ND ng/cart 5.00 1 CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#27	ND		ng/cart	5.00		1
CI3-BZ#16 ND ng/cart 5.00 1 CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl2-BZ#13	ND		ng/cart	5.00		1
CI3-BZ#32 ND ng/cart 5.00 1 CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#24	ND		ng/cart	5.00		1
CI2-BZ#15 ND ng/cart 5.00 1 CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#16	ND		ng/cart	5.00		1
CI3-BZ#34 ND ng/cart 5.00 1 CI3-BZ#23 ND ng/cart 5.00 1 CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#32	ND		ng/cart	5.00		1
C13-BZ#23 ND ng/cart 5.00 1 C14-BZ#54 ND ng/cart 5.00 1 C13-BZ#29 ND ng/cart 5.00 1 C14-BZ#50 ND ng/cart 5.00 1 C14-BZ#50 ND ng/cart 5.00 1	CI2-BZ#15	ND		ng/cart	5.00		1
CI4-BZ#54 ND ng/cart 5.00 1 CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#34	ND		ng/cart	5.00		1
CI3-BZ#29 ND ng/cart 5.00 1 CI4-BZ#50 ND ng/cart 5.00 1	Cl3-BZ#23	ND		ng/cart	5.00		1
CI4-BZ#50 ND ng/cart 5.00 1	Cl4-BZ#54	ND		ng/cart	5.00		1
	Cl3-BZ#29	ND		ng/cart	5.00		1
Cl3-BZ#26 ND ng/cart 5.00 1	CI4-BZ#50	ND		ng/cart	5.00		1
	Cl3-BZ#26	ND		ng/cart	5.00		1

L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-12 Date Collected: 06/27/23 15:06

Client ID: AMBIENT Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - Mansfield Lab					
Cl3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	ND		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
Cl4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
Cl3-BZ#36	ND		ng/cart	5.00		1
Cl4-BZ#52	ND		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
CI4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	ND		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
CI4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
Cl5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
Cl4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
Cl4-BZ#57	ND		ng/cart	5.00		1
Cl4-BZ#67/#58	ND		ng/cart	10.0		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-12 Date Collected: 06/27/23 15:06

Client ID: AMBIENT Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
05.074400	ND		, .	5.00		,
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
CI4-BZ#74	ND		ng/cart	5.00		1
CI6-BZ#155	ND		ng/cart	5.00		1
CI4-BZ#70	ND		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
CI4-BZ#66	ND		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	ND		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	ND		ng/cart	5.00		1
CI6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
CI6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	ND		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
Cl4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-12

WORCESTER, MA

AMBIENT

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 15:06

Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Depth:

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	ND		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		1
CI6-BZ#151	ND		ng/cart	5.00		1
CI6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
CI6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	ND		ng/cart	10.0		1
CI4-BZ#77	ND		ng/cart	5.00		1
Cl6-BZ#143/#139	ND		ng/cart	10.0		1
CI5-BZ#124	ND		ng/cart	5.00		1
CI6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
Cl6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
CI6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	ND		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	ND		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-12 Date Collected: 06/27/23 15:06

Client ID: AMBIENT Date Received: 06/28/23
Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier Ur	nits RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowV	ol) - Mansfield Lab				
CI7-BZ#186	ND	ng/	cart 5.00		1
Cl6-BZ#130/#164	ND	ng/	cart 10.0		1
CI7-BZ#178	ND	ng/	cart 5.00		1
Cl6-BZ#138	ND	ng/	cart 5.00		1
CI6-BZ#163/#160	ND	ng/	cart 10.0		1
Cl6-BZ#129/#158	ND	ng/	cart 10.0		1
CI7-BZ#182/#175	ND	ng/	cart 10.0		1
CI7-BZ#187	ND	ng/	cart 5.00		1
CI7-BZ#183	ND	ng/	cart 5.00		1
Cl6-BZ#166	ND	ng/	cart 5.00		1
Cl6-BZ#159	ND	ng/	cart 5.00		1
CI5-BZ#126	ND	ng/	cart 5.00		1
CI7-BZ#185	ND	ng/	cart 5.00		1
CI6-BZ#162	ND	ng/	cart 5.00		1
CI7-BZ#174	ND	ng/	cart 5.00		1
Cl6-BZ#128	ND	ng/	cart 5.00		1
CI6-BZ#167	ND	ng/	cart 5.00		1
CI8-BZ#202	ND	ng/	cart 5.00		1
CI7-BZ#181	ND	ng/	cart 5.00		1
CI7-BZ#177	ND	ng/	cart 5.00		1
CI8-BZ#204/#200-CAL	ND	ng/	cart 10.0		1
CI7-BZ#171	ND	ng/	cart 5.00		1
CI7-BZ#173	ND	ng/	cart 5.00		1
CI8-BZ#197	ND	ng/	cart 5.00		1
CI7-BZ#172	ND	ng/	cart 5.00		1
CI7-BZ#192	ND	ng/	cart 5.00		1
CI6-BZ#156	ND	ng/	cart 5.00		1
CI6-BZ#157	ND	ng/	cart 5.00		1
CI7-BZ#180	ND	ng/	cart 5.00		1
CI7-BZ#193	ND	ng/	cart 5.00		1
CI8-BZ#199	ND	ng/	cart 5.00		1
CI7-BZ#191	ND	ng/	cart 5.00		1
CI8-BZ#198	ND	ng/	cart 5.00		1
CI8-BZ#201	ND	ng/	cart 5.00		1
CI7-BZ#170	ND	ng/	cart 5.00		1
CI7-BZ#190	ND	ng/	cart 5.00		1
CI8-BZ#196	ND	ng/	cart 5.00		1



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-12 Date Collected: 06/27/23 15:06

Client ID: AMBIENT Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - Ma	ansfield Lab					
Olo P7/1000	ND		, ,	5.00		_
CI8-BZ#203	ND		ng/cart	5.00		1
CI6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
CI9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	ND		ng/cart	5.00		1
Tetrachlorobiphenyls	ND		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	ND		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
Cl3-BZ#19-C13	81		50-125	
CI8-BZ#202-C13	76		50-125	



L2337109

Project Name: Lab Number: DOHERTY SCHOOL

Report Date: **Project Number:** 5174-01-09 07/24/23

SAMPLE RESULTS

Lab ID: Date Collected: 06/27/23 00:00 L2337109-13

Date Received: Client ID: 06/28/23 FIELD BLANK Sample Location: Field Prep: WORCESTER, MA Not Specified

Sample Depth:

Analytical Date:

Extraction Method: EPA 3540C Matrix: Air Media

Extraction Date: 07/04/23 17:49 Analytical Method: 105,8270E-SIM/680(M)

Analyst: CNC

07/22/23 09:02

Volume of Air:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol)	- Mansfield Lab					
CI1-BZ#1	ND		ng/cart	5.00		1
Cl1-BZ#2	ND		ng/cart	5.00		1
CL1-BZ#3	ND		ng/cart	5.00		1
Cl2-BZ#4/#10	ND		ng/cart	10.0		1
CI2-BZ#9	ND		ng/cart	5.00		1
CI2-BZ#7	ND		ng/cart	5.00		1
CI2-BZ#6	ND		ng/cart	5.00		1
CI2-BZ#5	ND		ng/cart	5.00		1
CI2-BZ#8	ND		ng/cart	5.00		1
Cl3-BZ#19	ND		ng/cart	5.00		1
CI2-BZ#14	ND		ng/cart	5.00		1
Cl3-BZ#30	ND		ng/cart	5.00		1
Cl3-BZ#18	ND		ng/cart	5.00		1
Cl2-BZ#11	ND		ng/cart	5.00		1
Cl3-BZ#17	ND		ng/cart	5.00		1
Cl2-BZ#12	ND		ng/cart	5.00		1
Cl3-BZ#27	ND		ng/cart	5.00		1
Cl2-BZ#13	ND		ng/cart	5.00		1
Cl3-BZ#24	ND		ng/cart	5.00		1
Cl3-BZ#16	ND		ng/cart	5.00		1
Cl3-BZ#32	ND		ng/cart	5.00		1
CI2-BZ#15	ND		ng/cart	5.00		1
Cl3-BZ#34	ND		ng/cart	5.00		1
Cl3-BZ#23	ND		ng/cart	5.00		1
Cl4-BZ#54	ND		ng/cart	5.00		1
Cl3-BZ#29	ND		ng/cart	5.00		1
Cl4-BZ#50	ND		ng/cart	5.00		1
Cl3-BZ#26	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-13 Date Collected: 06/27/23 00:00

Client ID: FIELD BLANK Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
Cl3-BZ#25	ND		ng/cart	5.00		1
CI4-BZ#53	ND		ng/cart	5.00		1
Cl3-BZ#-31	ND		ng/cart	5.00		1
Cl3-BZ#28	ND		ng/cart	5.00		1
Cl3-BZ#33	ND		ng/cart	5.00		1
CI4-BZ#51	ND		ng/cart	5.00		1
Cl3-BZ#21/#20	ND		ng/cart	10.0		1
CI4-BZ#45	ND		ng/cart	5.00		1
Cl3-BZ#22	ND		ng/cart	5.00		1
CI4-BZ#73/#46	ND		ng/cart	10.0		1
CI4-BZ#69	ND		ng/cart	5.00		1
CI4-BZ#43	ND		ng/cart	5.00		1
Cl3-BZ#36	ND		ng/cart	5.00		1
Cl4-BZ#52	ND		ng/cart	5.00		1
CI4-BZ#48	ND		ng/cart	5.00		1
Cl4-BZ#49	ND		ng/cart	5.00		1
CI5-BZ#104	ND		ng/cart	5.00		1
CI4-BZ#47	ND		ng/cart	5.00		1
CI4-BZ#65/#75/#62	ND		ng/cart	15.0		1
Cl3-BZ#39	ND		ng/cart	5.00		1
Cl3-BZ#38	ND		ng/cart	5.00		1
CI4-BZ#44	ND		ng/cart	5.00		1
CI4-BZ#59	ND		ng/cart	5.00		1
CI4-BZ#42	ND		ng/cart	5.00		1
CI4-BZ#71	ND		ng/cart	5.00		1
Cl3-BZ#35	ND		ng/cart	5.00		1
CI4-BZ#41	ND		ng/cart	5.00		1
Cl4-BZ#72	ND		ng/cart	5.00		1
CI5-BZ#96	ND		ng/cart	5.00		1
CI5-BZ#103	ND		ng/cart	5.00		1
CI4-BZ#68/#64	ND		ng/cart	10.0		1
CI4-BZ#40	ND		ng/cart	5.00		1
Cl3-BZ#37	ND		ng/cart	5.00		1
CI5-BZ#100	ND		ng/cart	5.00		1
CI5-BZ#94	ND		ng/cart	5.00		1
CI4-BZ#57	ND		ng/cart	5.00		1
CI4-BZ#67/#58	ND		ng/cart	10.0		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-13 Date Collected: 06/27/23 00:00

Client ID: FIELD BLANK Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
05.074400	ND		, .	5.00		,
CI5-BZ#102	ND		ng/cart	5.00		1
CI4-BZ#61	ND		ng/cart	5.00		1
CI5-BZ#98	ND		ng/cart	5.00		1
CI4-BZ#76	ND		ng/cart	5.00		1
CI5-BZ#93	ND		ng/cart	5.00		1
CI4-BZ#63	ND		ng/cart	5.00		1
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		1
CI4-BZ#74	ND		ng/cart	5.00		1
CI6-BZ#155	ND		ng/cart	5.00		1
CI4-BZ#70	ND		ng/cart	5.00		1
CI5-BZ#91	ND		ng/cart	5.00		1
CI4-BZ#66	ND		ng/cart	5.00		1
CI4-BZ#80	ND		ng/cart	5.00		1
CI4-BZ#55	ND		ng/cart	5.00		1
CI5-BZ#92	ND		ng/cart	5.00		1
CI5-BZ#89/#84	ND		ng/cart	10.0		1
CI5-BZ#101/#90	ND		ng/cart	10.0		1
CI4-BZ#56	ND		ng/cart	5.00		1
CI5-BZ#113	ND		ng/cart	5.00		1
CI5-BZ#99	ND		ng/cart	5.00		1
CI6-BZ#150	ND		ng/cart	5.00		1
CI4-BZ#60	ND		ng/cart	5.00		1
CI6-BZ#152	ND		ng/cart	5.00		1
CI5-BZ#119	ND		ng/cart	5.00		1
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		1
CI5-BZ#86/#109	ND		ng/cart	10.0		1
CI5-BZ#97	ND		ng/cart	5.00		1
CI5-BZ#116	ND		ng/cart	5.00		1
CI5-BZ#87/#111	ND		ng/cart	10.0		1
CI6-BZ#145	ND		ng/cart	5.00		1
CI6-BZ#148	ND		ng/cart	5.00		1
CI4-BZ#79	ND		ng/cart	5.00		1
CI6-BZ#154	ND		ng/cart	5.00		1
Cl4-BZ#78	ND		ng/cart	5.00		1
CI6-BZ#136	ND		ng/cart	5.00		1
CI5-BZ#117	ND		ng/cart	5.00		1
CI5-BZ#115	ND		ng/cart	5.00		1



L2337109

07/24/23

Project Name: DOHERTY SCHOOL

L2337109-13

FIELD BLANK

WORCESTER, MA

Project Number: 5174-01-09

SAMPLE RESULTS

Date Collected: 06/27/23 00:00 Date Received: 06/28/23

Lab Number:

Report Date:

Field Prep: Not Specified

Sample Location:

Lab ID:

Client ID:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI5-BZ#85	ND		ng/cart	5.00		1
CI5-BZ#120	ND		ng/cart	5.00		1
CI5-BZ#110	ND		ng/cart	5.00		1
CI4-BZ#81	ND		ng/cart	5.00		1
Cl6-BZ#151	ND		ng/cart	5.00		1
Cl6-BZ#135	ND		ng/cart	5.00		1
CI5-BZ#82	ND		ng/cart	5.00		1
Cl6-BZ#144	ND		ng/cart	5.00		1
CI6-BZ#147/#149	ND		ng/cart	10.0		1
CI4-BZ#77	ND		ng/cart	5.00		1
Cl6-BZ#143/#139	ND		ng/cart	10.0		1
Cl5-BZ#124	ND		ng/cart	5.00		1
Cl6-BZ#140	ND		ng/cart	5.00		1
CI5-BZ#108	ND		ng/cart	5.00		1
CI5-BZ#107/#123	ND		ng/cart	10.0		1
CI7-BZ#188	ND		ng/cart	5.00		1
Cl6-BZ#134	ND		ng/cart	5.00		1
CI5-BZ#106	ND		ng/cart	5.00		1
CI6-BZ#133	ND		ng/cart	5.00		1
CI6-BZ#142	ND		ng/cart	5.00		1
CI5-BZ#118	ND		ng/cart	5.00		1
CI6-BZ#131	ND		ng/cart	5.00		1
CI7-BZ#184	ND		ng/cart	5.00		1
CI6-BZ#165	ND		ng/cart	5.00		1
CI6-BZ#146	ND		ng/cart	5.00		1
CI6-BZ#161	ND		ng/cart	5.00		1
CI5-BZ#122	ND		ng/cart	5.00		1
CI6-BZ#168	ND		ng/cart	5.00		1
CI5-BZ#114	ND		ng/cart	5.00		1
CI6-BZ#153	ND		ng/cart	5.00		1
CI6-BZ#132	ND		ng/cart	5.00		1
CI7-BZ#179	ND		ng/cart	5.00		1
CI6-BZ#141	ND		ng/cart	5.00		1
CI7-BZ#176	ND		ng/cart	5.00		1
CI5-BZ#105	ND		ng/cart	5.00		1
CI6-BZ#137	ND		ng/cart	5.00		1
CI5-BZ#127	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-13 Date Collected: 06/27/23 00:00

Client ID: FIELD BLANK Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) -	Mansfield Lab					
CI7-BZ#186	ND		ng/cart	5.00		1
CI6-BZ#130/#164	ND		ng/cart	10.0		1
CI7-BZ#178	ND		ng/cart	5.00		1
Cl6-BZ#138	ND		ng/cart	5.00		1
CI6-BZ#163/#160	ND		ng/cart	10.0		1
CI6-BZ#129/#158	ND		ng/cart	10.0		1
CI7-BZ#182/#175	ND		ng/cart	10.0		1
CI7-BZ#187	ND		ng/cart	5.00		1
CI7-BZ#183	ND		ng/cart	5.00		1
CI6-BZ#166	ND		ng/cart	5.00		1
Cl6-BZ#159	ND		ng/cart	5.00		1
CI5-BZ#126	ND		ng/cart	5.00		1
CI7-BZ#185	ND		ng/cart	5.00		1
Cl6-BZ#162	ND		ng/cart	5.00		1
CI7-BZ#174	ND		ng/cart	5.00		1
Cl6-BZ#128	ND		ng/cart	5.00		1
Cl6-BZ#167	ND		ng/cart	5.00		1
CI8-BZ#202	ND		ng/cart	5.00		1
CI7-BZ#181	ND		ng/cart	5.00		1
CI7-BZ#177	ND		ng/cart	5.00		1
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		1
CI7-BZ#171	ND		ng/cart	5.00		1
CI7-BZ#173	ND		ng/cart	5.00		1
CI8-BZ#197	ND		ng/cart	5.00		1
CI7-BZ#172	ND		ng/cart	5.00		1
CI7-BZ#192	ND		ng/cart	5.00		1
CI6-BZ#156	ND		ng/cart	5.00		1
CI6-BZ#157	ND		ng/cart	5.00		1
CI7-BZ#180	ND		ng/cart	5.00		1
CI7-BZ#193	ND		ng/cart	5.00		1
CI8-BZ#199	ND		ng/cart	5.00		1
CI7-BZ#191	ND		ng/cart	5.00		1
CI8-BZ#198	ND		ng/cart	5.00		1
CI8-BZ#201	ND		ng/cart	5.00		1
CI7-BZ#170	ND		ng/cart	5.00		1
CI7-BZ#190	ND		ng/cart	5.00		1
CI8-BZ#196	ND		ng/cart	5.00		1



L2337109

Project Name: DOHERTY SCHOOL Lab Number:

Project Number: 5174-01-09 **Report Date:** 07/24/23

SAMPLE RESULTS

Lab ID: L2337109-13 Date Collected: 06/27/23 00:00

Client ID: FIELD BLANK Date Received: 06/28/23 Sample Location: WORCESTER, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB Congeners/Homologs (LowVol) - I	Mansfield Lab					
CI8-BZ#203	ND		/t	5.00		1
			ng/cart			
Cl6-BZ#169	ND		ng/cart	5.00		1
CI9-BZ#208	ND		ng/cart	5.00		1
CI9-BZ#207	ND		ng/cart	5.00		1
CI7-BZ#189	ND		ng/cart	5.00		1
CI8-BZ#195	ND		ng/cart	5.00		1
CI8-BZ#194	ND		ng/cart	5.00		1
CI8-BZ#205	ND		ng/cart	5.00		1
Cl9-BZ#206	ND		ng/cart	5.00		1
Cl10-BZ#209	ND		ng/cart	5.00		1
Monochlorobiphenyls	ND		ng/cart	5.00		1
Dichlorobiphenyls	ND		ng/cart	5.00		1
Trichlorobiphenyls	ND		ng/cart	5.00		1
Tetrachlorobiphenyls	ND		ng/cart	5.00		1
Pentachlorobiphenyls	ND		ng/cart	5.00		1
Hexachlorobiphenyls	ND		ng/cart	5.00		1
Heptachlorobiphenyls	ND		ng/cart	5.00		1
Octachlorobiphenyls	ND		ng/cart	5.00		1
Nonachlorobiphenyls	ND		ng/cart	5.00		1
Decachlorobiphenyl	ND		ng/cart	5.00		1
Total Pcb	ND		ng/cart	5.00		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	
CI3-BZ#19-C13	62		50-125	
CI8-BZ#202-C13	81		50-125	



L2337109

Lab Number:

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09 **Report Date:** 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

Parameter	Result	Qualifier	Units	RL		MDL
PCB Congeners/Homologs (LowVo	l) - Mansfield	d Lab for s	ample(s):	01-13	Batch:	WG1799319-1
CI1-BZ#1	ND		ng/cart	5.00		
CI1-BZ#2	ND		ng/cart	5.00		
CL1-BZ#3	ND		ng/cart	5.00		
Cl2-BZ#4/#10	ND		ng/cart	10.0		
Cl2-BZ#9	ND		ng/cart	5.00		
Cl2-BZ#7	ND		ng/cart	5.00		
CI2-BZ#6	ND		ng/cart	5.00		
CI2-BZ#5	ND		ng/cart	5.00		
CI2-BZ#8	ND		ng/cart	5.00		
Cl3-BZ#19	ND		ng/cart	5.00		
Cl2-BZ#14	ND		ng/cart	5.00		
Cl3-BZ#30	ND		ng/cart	5.00		
Cl3-BZ#18	ND		ng/cart	5.00		
Cl2-BZ#11	ND		ng/cart	5.00		
Cl3-BZ#17	ND		ng/cart	5.00		
Cl2-BZ#12	ND		ng/cart	5.00		
Cl3-BZ#27	ND		ng/cart	5.00		
Cl2-BZ#13	ND		ng/cart	5.00		
Cl3-BZ#24	ND		ng/cart	5.00		
Cl3-BZ#16	ND		ng/cart	5.00		
CI3-BZ#32	ND		ng/cart	5.00		
Cl2-BZ#15	ND		ng/cart	5.00		
Cl3-BZ#34	ND		ng/cart	5.00		
Cl3-BZ#23	ND		ng/cart	5.00		
CI4-BZ#54	ND		ng/cart	5.00		
Cl3-BZ#29	ND		ng/cart	5.00		
CI4-BZ#50	ND		ng/cart	5.00		
CI3-BZ#26	ND		ng/cart	5.00		
Cl3-BZ#25	ND		ng/cart	5.00		



Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

arameter	Result	Qualifier Units	RL		MDL
CB Congeners/Homologs (Lo	wVol) - Mansfiel	d Lab for sample	(s): 01-13	Batch:	WG1799319-1
CI4-BZ#53	ND	ng/ca	t 5.00		
Cl3-BZ#-31	ND	ng/cai	t 5.00		
Cl3-BZ#28	ND	ng/cai	t 5.00		
Cl3-BZ#33	ND	ng/cai	t 5.00		
CI4-BZ#51	ND	ng/cai	t 5.00		
CI3-BZ#21/#20	ND	ng/cai	t 10.0		
CI4-BZ#45	ND	ng/cai	t 5.00		
Cl3-BZ#22	ND	ng/ca	t 5.00		
CI4-BZ#73/#46	ND	ng/cai	t 10.0		
CI4-BZ#69	ND	ng/cai	t 5.00		
CI4-BZ#43	ND	ng/cai	t 5.00		
Cl3-BZ#36	ND	ng/cai	t 5.00		
CI4-BZ#52	ND	ng/cai	t 5.00		
CI4-BZ#48	ND	ng/cai	t 5.00		
Cl4-BZ#49	ND	ng/cai	t 5.00		
Cl5-BZ#104	ND	ng/cai	t 5.00		
CI4-BZ#47	ND	ng/cai	t 5.00		
CI4-BZ#65/#75/#62	ND	ng/cai	t 15.0		
Cl3-BZ#39	ND	ng/cai	t 5.00		
Cl3-BZ#38	ND	ng/cai	t 5.00		
CI4-BZ#44	ND	ng/cai	t 5.00		
CI4-BZ#59	ND	ng/cai	t 5.00		
CI4-BZ#42	ND	ng/cai	t 5.00		
CI4-BZ#71	ND	ng/cai	t 5.00		
Cl3-BZ#35	ND	ng/cai	t 5.00		
Cl4-BZ#41	ND	ng/cai	t 5.00		
CI4-BZ#72	ND	ng/cai	t 5.00		
CI5-BZ#96	ND	ng/cai	t 5.00		
CI5-BZ#103	ND	ng/cai	t 5.00		



Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

arameter	Result	Qualifier	Units	RL		MDL
CB Congeners/Homologs (LowVol)	- Mansfiel	d Lab for s	ample(s):	01-13	Batch:	WG1799319-1
CI4-BZ#68/#64	ND		ng/cart	10.0		
CI4-BZ#40	ND		ng/cart	5.00		
Cl3-BZ#37	ND		ng/cart	5.00		
CI5-BZ#100	ND		ng/cart	5.00		
CI5-BZ#94	ND		ng/cart	5.00		
CI4-BZ#57	ND		ng/cart	5.00		
CI4-BZ#67/#58	ND		ng/cart	10.0		
CI5-BZ#102	ND		ng/cart	5.00		
CI4-BZ#61	ND		ng/cart	5.00		
CI5-BZ#98	ND		ng/cart	5.00		
CI4-BZ#76	ND		ng/cart	5.00		
CI5-BZ#93	ND		ng/cart	5.00		
CI4-BZ#63	ND		ng/cart	5.00		
CI5-BZ#121/#95/#88	ND		ng/cart	15.0		
CI4-BZ#74	ND		ng/cart	5.00		
CI6-BZ#155	ND		ng/cart	5.00		
CI4-BZ#70	ND		ng/cart	5.00		
CI5-BZ#91	ND		ng/cart	5.00		
CI4-BZ#66	ND		ng/cart	5.00		
CI4-BZ#80	ND		ng/cart	5.00		
CI4-BZ#55	ND		ng/cart	5.00		
CI5-BZ#92	ND		ng/cart	5.00		
CI5-BZ#89/#84	ND		ng/cart	10.0		
CI5-BZ#101/#90	ND		ng/cart	10.0		
CI4-BZ#56	ND		ng/cart	5.00		
CI5-BZ#113	ND		ng/cart	5.00		
CI5-BZ#99	ND		ng/cart	5.00		
CI6-BZ#150	ND		ng/cart	5.00		
CI4-BZ#60	ND		ng/cart	5.00		



Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

arameter	Result	Qualifier	Units	RL		MDL
CB Congeners/Homologs (LowVol)	- Mansfiel	d Lab for s	ample(s):	01-13	Batch:	WG1799319-1
CI6-BZ#152	ND		ng/cart	5.00		
CI5-BZ#119	ND		ng/cart	5.00		
CI5-BZ#83/#125/#112	ND		ng/cart	15.0		
CI5-BZ#86/#109	ND		ng/cart	10.0		
CI5-BZ#97	ND		ng/cart	5.00		
CI5-BZ#116	ND		ng/cart	5.00		
CI5-BZ#87/#111	ND		ng/cart	10.0		
Cl6-BZ#145	ND		ng/cart	5.00		
CI6-BZ#148	ND		ng/cart	5.00		
CI4-BZ#79	ND		ng/cart	5.00		
CI6-BZ#154	ND		ng/cart	5.00		
CI4-BZ#78	ND		ng/cart	5.00		
CI6-BZ#136	ND		ng/cart	5.00		
CI5-BZ#117	ND		ng/cart	5.00		
CI5-BZ#115	ND		ng/cart	5.00		
CI5-BZ#85	ND		ng/cart	5.00		
CI5-BZ#120	ND		ng/cart	5.00		
CI5-BZ#110	ND		ng/cart	5.00		
CI4-BZ#81	ND		ng/cart	5.00		
CI6-BZ#151	ND		ng/cart	5.00		
CI6-BZ#135	ND		ng/cart	5.00		
CI5-BZ#82	ND		ng/cart	5.00		
CI6-BZ#144	ND		ng/cart	5.00		
CI6-BZ#147/#149	ND		ng/cart	10.0		
CI4-BZ#77	ND		ng/cart	5.00		
Cl6-BZ#143/#139	ND		ng/cart	10.0		
CI5-BZ#124	ND		ng/cart	5.00		
CI6-BZ#140	ND		ng/cart	5.00		
CI5-BZ#108	ND		ng/cart	5.00		



Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

arameter	Result	Qualifier U	nits	RL		MDL
CB Congeners/Homologs (Low	Vol) - Mansfiel	d Lab for sam	ple(s):	01-13	Batch:	WG1799319-1
CI5-BZ#107/#123	ND	nç	g/cart	10.0		
CI7-BZ#188	ND	ng	g/cart	5.00		
CI6-BZ#134	ND	ng	g/cart	5.00		
CI5-BZ#106	ND	ng	g/cart	5.00		
Cl6-BZ#133	ND	ng	g/cart	5.00		
CI6-BZ#142	ND	ng	g/cart	5.00		
CI5-BZ#118	ND	ng	g/cart	5.00		
Cl6-BZ#131	ND	nç	g/cart	5.00		
CI7-BZ#184	ND	nç	g/cart	5.00		
CI6-BZ#165	ND	ng	g/cart	5.00		
CI6-BZ#146	ND	ng	g/cart	5.00		
Cl6-BZ#161	ND	ng	g/cart	5.00		
CI5-BZ#122	ND	ng	g/cart	5.00		
CI6-BZ#168	ND	ng	g/cart	5.00		
CI5-BZ#114	ND	ng	g/cart	5.00		
Cl6-BZ#153	ND	ng	g/cart	5.00		
CI6-BZ#132	ND	nç	g/cart	5.00		
CI7-BZ#179	ND	nç	g/cart	5.00		
CI6-BZ#141	ND	ng	g/cart	5.00		
CI7-BZ#176	ND	nç	g/cart	5.00		
CI5-BZ#105	ND	ng	g/cart	5.00		
CI6-BZ#137	ND	ng	g/cart	5.00		
CI5-BZ#127	ND	nç	g/cart	5.00		
CI7-BZ#186	ND	ng	g/cart	5.00		
CI6-BZ#130/#164	ND	nç	g/cart	10.0		
CI7-BZ#178	ND	nç	g/cart	5.00		
CI6-BZ#138	ND	nç	g/cart	5.00		
CI6-BZ#163/#160	ND	nç	g/cart	10.0		
CI6-BZ#129/#158	ND	ng	g/cart	10.0		



L2337109

07/24/23

Lab Number:

Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09 Report Date:

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

Parameter	Result	Qualifier	Units	RL		MDL
CB Congeners/Homologs (LowV	ol) - Mansfield	d Lab for s	ample(s):	01-13	Batch:	WG1799319-1
CI7-BZ#182/#175	ND		ng/cart	10.0		
CI7-BZ#187	ND		ng/cart	5.00		
CI7-BZ#183	ND		ng/cart	5.00		
Cl6-BZ#166	ND		ng/cart	5.00		
Cl6-BZ#159	ND		ng/cart	5.00		
Cl5-BZ#126	ND		ng/cart	5.00		
CI7-BZ#185	ND		ng/cart	5.00		
Cl6-BZ#162	ND		ng/cart	5.00		
CI7-BZ#174	ND		ng/cart	5.00		
CI6-BZ#128	ND		ng/cart	5.00		
CI6-BZ#167	ND		ng/cart	5.00		
CI8-BZ#202	ND		ng/cart	5.00		
CI7-BZ#181	ND		ng/cart	5.00		
CI7-BZ#177	ND		ng/cart	5.00		
CI8-BZ#204/#200-CAL	ND		ng/cart	10.0		
CI7-BZ#171	ND		ng/cart	5.00		
CI7-BZ#173	ND		ng/cart	5.00		
CI8-BZ#197	ND		ng/cart	5.00		
CI7-BZ#172	ND		ng/cart	5.00		
CI7-BZ#192	ND		ng/cart	5.00		
CI6-BZ#156	ND		ng/cart	5.00		
CI6-BZ#157	ND		ng/cart	5.00		
CI7-BZ#180	ND		ng/cart	5.00		
CI7-BZ#193	ND		ng/cart	5.00		
CI8-BZ#199	ND		ng/cart	5.00		
CI7-BZ#191	ND		ng/cart	5.00		
CI8-BZ#198	ND		ng/cart	5.00		
CI8-BZ#201	ND		ng/cart	5.00		
CI7-BZ#170	ND		ng/cart	5.00		



Project Number: 5174-01-09

Lab Number:

L2337109

Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 105,8270E-SIM/680(M)

Analytical Date: 07/21/23 14:29

Analyst: CNC

arameter	Result	Qualifier	Units	RL		MDL
CB Congeners/Homologs (L	owVol) - Mansfiel	d Lab for s	ample(s):	01-13	Batch:	WG1799319-1
CI7-BZ#190	ND		ng/cart	5.00		
CI8-BZ#196	ND		ng/cart	5.00		
CI8-BZ#203	ND		ng/cart	5.00		
CI6-BZ#169	ND		ng/cart	5.00		
CI9-BZ#208	ND		ng/cart	5.00		
CI9-BZ#207	ND		ng/cart	5.00		
CI7-BZ#189	ND		ng/cart	5.00		
CI8-BZ#195	ND		ng/cart	5.00		
CI8-BZ#194	ND		ng/cart	5.00		
CI8-BZ#205	ND		ng/cart	5.00		
CI9-BZ#206	ND		ng/cart	5.00		
Cl10-BZ#209	ND		ng/cart	5.00		
Monochlorobiphenyls	ND		ng/cart	5.00		
Dichlorobiphenyls	ND		ng/cart	5.00		
Trichlorobiphenyls	ND		ng/cart	5.00		
Tetrachlorobiphenyls	ND		ng/cart	5.00		
Pentachlorobiphenyls	ND		ng/cart	5.00		
Hexachlorobiphenyls	ND		ng/cart	5.00		
Heptachlorobiphenyls	ND		ng/cart	5.00		
Octachlorobiphenyls	ND		ng/cart	5.00		
Nonachlorobiphenyls	ND		ng/cart	5.00		
Decachlorobiphenyl	ND		ng/cart	5.00		
Total Pcb	ND		ng/cart	5.00		

		Acceptance
Surrogate	%Recovery Qu	alifier Criteria
Cl3-BZ#19-C13	89	50-125
CI8-BZ#202-C13	83	50-125



Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

arameter	LCS %Recovery	LC Qual %Rec		%Recovery Qual Limits	RPD	RPD Qual Limits	
CB Congeners/Homologs (LowVol) - Mans	sfield Lab Associa	ated sample(s): 01-1	3 Batch:	WG1799319-2			
CI1-BZ#1	70		-	40-140	-	30	
CL1-BZ#3	73		-	40-140	-	30	
Cl2-BZ#4/#10	72		-	40-140	-	30	
CI2-BZ#8	71		-	40-140	-	30	
Cl3-BZ#19	70		-	40-140	-	30	
CI3-BZ#18	69		-	40-140	-	30	
Cl2-BZ#15	73		-	40-140	-	30	
CI4-BZ#54	71		-	40-140	-	30	
Cl3-BZ#29	71		-	40-140	-	30	
CI4-BZ#50	70		-	40-140	-	30	
Cl3-BZ#-31	68		-	40-140	-	30	
Cl3-BZ#28	70		•	40-140	-	30	
CI4-BZ#45	68		•	40-140	-	30	
CI4-BZ#52	69		-	40-140	-	30	
CI4-BZ#49	68		-	40-140	-	30	
CI5-BZ#104	68		-	40-140	-	30	
CI4-BZ#47	70		-	40-140	-	30	
CI4-BZ#44	66		-	40-140	-	30	
CI3-BZ#37	67		-	40-140	-	30	
CI5-BZ#121/#95/#88	68		-	40-140	-	30	
CI4-BZ#74	67		-	40-140	-	30	
CI6-BZ#155	65		-	40-140	-	30	
CI4-BZ#70	66		-	40-140	-	30	



Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSI %Reco		Qual	%Recovery Limits	RPD	Qual	RPD Limits	
PCB Congeners/Homologs (LowVol) - Mans	sfield Lab Associ	ated sample(s):	: 01-13	Batch:	WG17993	319-2				
CI4-BZ#66	66		-			40-140	-		30	
CI5-BZ#101/#90	68		-			40-140	-		30	
Cl4-BZ#56	66		-			40-140	-		30	
CI5-BZ#99	67		-			40-140	-		30	
CI5-BZ#87/#111	66		-			40-140	-		30	
Cl6-BZ#154	64		-			40-140	-		30	
CI5-BZ#110	64		-			40-140	-		30	
Cl4-BZ#81	68		-			40-140	-		30	
Cl6-BZ#151	74		-			40-140	-		30	
CI6-BZ#147/#149	73		-			40-140	-		30	
CI4-BZ#77	76		-			40-140	-		30	
CI5-BZ#107/#123	72		-			40-140	-		30	
CI7-BZ#188	69		-			40-140	-		30	
CI5-BZ#118	74		-			40-140	-		30	
CI6-BZ#146	71		-			40-140	-		30	
CI5-BZ#114	75		-			40-140	-		30	
CI6-BZ#153	80		-			40-140	-		30	
CI5-BZ#105	76		-			40-140	-		30	
CI6-BZ#138	70		-			40-140	-		30	
CI6-BZ#129/#158	76		-			40-140	-		30	
CI7-BZ#187	68		-			40-140	-		30	
CI7-BZ#183	71		-			40-140	-		30	
CI5-BZ#126	72		-			40-140	-		30	



Project Name: DOHERTY SCHOOL

Project Number: 5174-01-09

Lab Number: L2337109

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSI %Recov		%Recovery Qual Limits	RPD	RF Qual Lin	
PCB Congeners/Homologs (LowVol) - Mansfi	ield Lab Assoc	ated sample(s):	01-13	Batch:	WG1799319-2			
CI7-BZ#174	70		-		40-140	-	3	0
Cl6-BZ#128	72		-		40-140	-	3	0
Cl6-BZ#167	73		-		40-140	-	3	0
CI8-BZ#202	71		-		40-140	-	3	0
CI7-BZ#177	68		-		40-140	-	3	0
CI8-BZ#204/#200-CAL	70		-		40-140	-	3	0
Cl6-BZ#156	70		-		40-140	-	3	0
CI6-BZ#157	72		-		40-140	-	3	0
CI7-BZ#180	68		-		40-140	-	3	0
CI8-BZ#201	71		-		40-140	-	3	0
CI7-BZ#170	70		-		40-140	-	3	0
Cl6-BZ#169	73		-		40-140	-	3	0
CI9-BZ#208	71		-		40-140	-	3	0
CI7-BZ#189	65		-		40-140	-	3	0
Cl8-BZ#195	68		-		40-140	-	3	0
Cl8-BZ#194	67		-		40-140	-	3	0
Cl8-BZ#205	70		-		40-140	-	3	0
CI9-BZ#206	66		-		40-140	-	3	0
Cl10-BZ#209	64		-		40-140	-	3	0

DOHERTY SCHOOL Batch Quality Contr

Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

LCS LCSD %Recovery RPD
Parameter %Recovery Qual %Recovery Qual Limits RPD Qual Limits

PCB Congeners/Homologs (LowVol) - Mansfield Lab Associated sample(s): 01-13 Batch: WG1799319-2

Surrogate	LCS %Recovery Qual	LCSD %Recovery Qu	Acceptance ual Criteria
Cl3-BZ#19-C13	70		50-125
Cl8-BZ#202-C13	68		50-125



Project Name:

Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

Cooler Information

Cooler Custody Seal

A Absent

Container Info	rmation		Initial	Final	Temp			Frozen	
Container ID	Container Type	Cooler		рН рН		Pres	Seal	Date/Time	Analysis(*)
L2337109-01A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-02A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-03A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-04A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-05A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-06A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-07A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-08A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-09A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-10A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-11A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-12A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)
L2337109-13A	PUF Air Cartridge - High or Low	Α	NA		7.5	Υ	Absent		A2-PCB209-C/H-8270L(7)



Project Name: DOHERTY SCHOOL Lab Number: L2337109

Project Number: 5174-01-09 **Report Date:** 07/24/23

GLOSSARY

Acronyms

EDL

EMPC

LCSD

LOQ

MS

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an

analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case

estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of

analytes or a material containing known and verified amounts of analytes.

Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of

analytes or a material containing known and verified amounts of analytes.
 LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a

specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's

reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile

Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL

includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the

values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the

associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF

and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benzo(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentrations of the analyte at less than ten times (10x) the concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I The lower value for the two columns has been reported due to obvious interference.
- ${\bf J} \qquad \hbox{-Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs)}.$
- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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Data Qualifiers

- **ND** Not detected at the reporting limit (RL) for the sample.
- NJ Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P The RPD between the results for the two columns exceeds the method-specified criteria.
- Q The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- **R** Analytical results are from sample re-analysis.
- **RE** Analytical results are from sample re-extraction.
- S Analytical results are from modified screening analysis.
- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report



Project Name:DOHERTY SCHOOLLab Number:L2337109Project Number:5174-01-09Report Date:07/24/23

REFERENCES

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997 in conjunction with NOAA Technical Memorandum NMFS-NWFSC-59: Extraction, Cleanup and GC/MS Analysis of Sediments and Tissues for Organic Contaminants, March 2004 and the Determination of Pesticides and PCBs in Water and Oil/Sediment by GC/MS: Method 680, EPA 01A0005295, November 1985.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance

Title: Certificate/Approval Program Summary

ID No.:17873 Revision 20

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Published Date: 6/16/2023 4:52:28 PM

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; 4-Ethyltoluene, Az

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; EPA 504.1: EDB, DBCP

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kieldahl-N, EPA 350.1: Ammonia-N, LACHAT 10-107-06-1-B: Ammonia-N, EPA 351.1, SM4500NO3-F, EPA 353.2: Nitrate-N, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate. EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. EPA 200.8: Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. EPA 245.1 Hg. EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Pre-Qualtrax Document ID: 08-113 Document Type: Form

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