

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : HAZMAT SURVEY JFK AIRPORT - BUILDING 14

ATC GROUP SERVICES LLC

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : Q2711

ATTENTION : Francis Pierre



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2711

Project ID : Hazmat Survey JFK Airport - Building 14

Client : ATC Group Services LLC

Lab Sample Number

Q2711-01
Q2711-02
Q2711-03
Q2711-04
Q2711-05

Client Sample Number

PCB15-33
PCB15-31
PCB15-28
PCB14-3
PCB14-5

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 9:44 am, Aug 07, 2025

Date: 8/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATC Group Services LLC

Project Name: Hazmat Survey JFK Airport - Building 14

Project # N/A

Order ID # Q2711

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

5 Solid samples were received on 07/28/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCB Group1s was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

E. Additional Comments:

No MSMSD performed as samples are caulk matrix.

All samples received as Caulk matrix, therefore less volume was taken at the time of extraction.s.

The temperature of the samples at the time of receipt was 21.3°C.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed



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

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

Signature_____

By Nimisha Pandya, QA/QC Supervisor at 9:44 am, Aug 07, 2025

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2711

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 08/06/2025

Hit Summary Sheet SW-846

SDG No.: Q2711

Order ID: Q2711

Client: ATC Group Services LLC

Project ID: Hazmat Survey JFK Airport - Building

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PCB15-33								
Q2711-01	PCB15-33	SOIL	Aroclor-1254	831	25.7		136	ug/kg
Total Concentration:				831.000				
Client ID : PCB15-31								
Q2711-02	PCB15-31	SOIL	Aroclor-1254	659	29.9		158	ug/kg
Total Concentration:				659.000				
Client ID : PCB15-28								
Q2711-03	PCB15-28	SOIL	Aroclor-1260	357	24.9		131	ug/kg
Total Concentration:				357.000				
Client ID : PCB14-3								
Q2711-04	PCB14-3	SOIL	Aroclor-1254	839	37.8		200	ug/kg
Total Concentration:				839.000				
Client ID : PCB14-5								
Q2711-05	PCB14-5	SOIL	Aroclor-1254	854	29.4		155	ug/kg
Total Concentration:				854.000				



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	07/23/25	
Project:	Hazmat Survey JFK Airport - Building 14		Date Received:	07/28/25	
Client Sample ID:	PCB15-33		SDG No.:	Q2711	
Lab Sample ID:	Q2711-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	3.75	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112605.D	1	07/30/25 08:45	07/30/25 12:55	PB169057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	31.6	U	31.6	136	ug/kg
11104-28-2	Aroclor-1221	32.2	U	32.2	136	ug/kg
11141-16-5	Aroclor-1232	29.8	U	29.8	136	ug/kg
53469-21-9	Aroclor-1242	32.1	U	32.1	136	ug/kg
12672-29-6	Aroclor-1248	47.4	U	47.4	136	ug/kg
11097-69-1	Aroclor-1254	831		25.7	136	ug/kg
37324-23-5	Aroclor-1262	40.2	U	40.2	136	ug/kg
11100-14-4	Aroclor-1268	28.8	U	28.8	136	ug/kg
11096-82-5	Aroclor-1260	25.8	U	25.8	136	ug/kg
Total PCBs	Total PCBs	831		25.7	136	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		32 - 175	104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	07/23/25	
Project:	Hazmat Survey JFK Airport - Building 14		Date Received:	07/28/25	
Client Sample ID:	PCB15-31		SDG No.:	Q2711	
Lab Sample ID:	Q2711-02		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	3.22	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112606.D	1	07/30/25 08:45	07/30/25 13:13	PB169057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	36.8	U	36.8	158	ug/kg
11104-28-2	Aroclor-1221	37.5	U	37.5	158	ug/kg
11141-16-5	Aroclor-1232	34.7	U	34.7	158	ug/kg
53469-21-9	Aroclor-1242	37.4	U	37.4	158	ug/kg
12672-29-6	Aroclor-1248	55.2	U	55.2	158	ug/kg
11097-69-1	Aroclor-1254	659		29.9	158	ug/kg
37324-23-5	Aroclor-1262	46.8	U	46.8	158	ug/kg
11100-14-4	Aroclor-1268	33.5	U	33.5	158	ug/kg
11096-82-5	Aroclor-1260	30.1	U	30.1	158	ug/kg
Total PCBs	Total PCBs	659		29.9	158	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		32 - 175	106%	SPK: 20

Comments:

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Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	07/23/25	
Project:	Hazmat Survey JFK Airport - Building 14		Date Received:	07/28/25	
Client Sample ID:	PCB15-28		SDG No.:	Q2711	
Lab Sample ID:	Q2711-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	3.89	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112639.D	1	07/30/25 08:45	07/31/25 12:19	PB169057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	30.5	U	30.5	131	ug/kg
11104-28-2	Aroclor-1221	31.1	U	31.1	131	ug/kg
11141-16-5	Aroclor-1232	28.7	U	28.7	131	ug/kg
53469-21-9	Aroclor-1242	30.9	U	30.9	131	ug/kg
12672-29-6	Aroclor-1248	45.7	U	45.7	131	ug/kg
11097-69-1	Aroclor-1254	24.8	U	24.8	131	ug/kg
37324-23-5	Aroclor-1262	38.7	U	38.7	131	ug/kg
11100-14-4	Aroclor-1268	27.8	U	27.8	131	ug/kg
11096-82-5	Aroclor-1260	357		24.9	131	ug/kg
Total PCBs	Total PCBs	357		24.9	131	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		32 - 175	103%	SPK: 20

Comments:

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Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	07/23/25	
Project:	Hazmat Survey JFK Airport - Building 14		Date Received:	07/28/25	
Client Sample ID:	PCB14-3		SDG No.:	Q2711	
Lab Sample ID:	Q2711-04		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	2.55	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112608.D	1	07/30/25 08:45	07/30/25 13:50	PB169057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	46.5	U	46.5	200	ug/kg
11104-28-2	Aroclor-1221	47.4	U	47.4	200	ug/kg
11141-16-5	Aroclor-1232	43.8	U	43.8	200	ug/kg
53469-21-9	Aroclor-1242	47.2	U	47.2	200	ug/kg
12672-29-6	Aroclor-1248	69.6	U	69.6	200	ug/kg
11097-69-1	Aroclor-1254	839		37.8	200	ug/kg
37324-23-5	Aroclor-1262	59.1	U	59.1	200	ug/kg
11100-14-4	Aroclor-1268	42.4	U	42.4	200	ug/kg
11096-82-5	Aroclor-1260	38.0	U	38.0	200	ug/kg
Total PCBs	Total PCBs	839		37.8	200	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		32 - 175	103%	SPK: 20

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Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	07/23/25	
Project:	Hazmat Survey JFK Airport - Building 14		Date Received:	07/28/25	
Client Sample ID:	PCB14-5		SDG No.:	Q2711	
Lab Sample ID:	Q2711-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	3.28	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112609.D	1	07/30/25 08:45	07/30/25 14:09	PB169057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	36.1	U	36.1	155	ug/kg
11104-28-2	Aroclor-1221	36.9	U	36.9	155	ug/kg
11141-16-5	Aroclor-1232	34.0	U	34.0	155	ug/kg
53469-21-9	Aroclor-1242	36.7	U	36.7	155	ug/kg
12672-29-6	Aroclor-1248	54.1	U	54.1	155	ug/kg
11097-69-1	Aroclor-1254	854		29.4	155	ug/kg
37324-23-5	Aroclor-1262	45.9	U	45.9	155	ug/kg
11100-14-4	Aroclor-1268	32.9	U	32.9	155	ug/kg
11096-82-5	Aroclor-1260	29.5	U	29.5	155	ug/kg
Total PCBs	Total PCBs	854		29.4	155	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		32 - 144	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		32 - 175	105%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q2711	OrderDate:	7/28/2025 12:38:13 PM
Client:	ATC Group Services LLC	Project:	Hazmat Survey JFK Airport - Building 14
Contact:	Francis Pierre	Location:	--Select--

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2711-01	PCB15-33	SOIL	PCB Group1	8082A	07/23/25	07/30/25	07/30/25	07/28/25
Q2711-02	PCB15-31	SOIL	PCB Group1	8082A	07/23/25	07/30/25	07/30/25	07/28/25
Q2711-03	PCB15-28	SOIL	PCB Group1	8082A	07/23/25	07/30/25	07/31/25	07/28/25
Q2711-04	PCB14-3	SOIL	PCB Group1	8082A	07/23/25	07/30/25	07/30/25	07/28/25
Q2711-05	PCB14-5	SOIL	PCB Group1	8082A	07/23/25	07/30/25	07/30/25	07/28/25



SHIPPING DOCUMENTS

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488