

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : P.S. 11 QUEENS

ATC GROUP SERVICES LLC

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : P4919

ATTENTION : Olga Seldinas



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) PCB Group1- Case Narrative	4
3) Qualifier Page	6
4) QA Checklist	7
5) PCB Group1 Data	8
6) Shipping Document	14
6.1) CHAIN OF CUSTODY	15
6.2) Lab Certificate	17

Cover Page

Order ID : P4919

Project ID : P.S. 11 Queens

Client : ATC Group Services LLC

Lab Sample Number

P4919-01
P4919-02
P4919-03

Client Sample Number

ROOF-1-OFF-WHITE
ROOF-1-BLACK
ROOF-11

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 : N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:04 am, Dec 03, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATC Group Services LLC

Project Name: P.S. 11 Queens

Project # N/A

Chemtech Project # P4919

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 11/19/2024.

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_P. 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 met the acceptable criteria.

The Retention Times were acceptable for all samples.

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

Sample ROOF-1-BLACK was dark black brown in color, therefore as precautionary measure lab has analyzed this sample with straight 10x dilution. Due to sample nature, it was not plausible to run this sample undiluted.

E. Additional Comments:

The temperature of the samples at the time of receipt was 20.6°C.

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

No MSMSD performed as samples are caulk matrix.

F. Manual Integration Comments:

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



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

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N. N. Pandya

Signature _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:04 am, Dec 03, 2024

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 #: P4919

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: 12/02/2024

Hit Summary Sheet
SW-846

SDG No.: P4919

Order ID: P4919

Client: ATC Group Services LLC

Project ID: P.S. 11 Queens

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ROOF-11								
P4919-03	ROOF-11	CAULK	Aroclor-1254	183	J	57.3	357	ug/kg
Total Concentration:				183.000				

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/19/24	
Project:	P.S. 11 Queens		Date Received:	11/19/24	
Client Sample ID:	ROOF-1-OFF-WHITE		SDG No.:	P4919	
Lab Sample ID:	P4919-01		Matrix:	CAULK	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	2.63	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
PP068629.D	1	11/20/24 08:22	11/20/24 15:20	PB165124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	38.7	U	38.7	194	ug/kg
11104-28-2	Aroclor-1221	73.1	U	73.1	194	ug/kg
11141-16-5	Aroclor-1232	38.8	U	38.8	194	ug/kg
53469-21-9	Aroclor-1242	38.7	U	38.7	194	ug/kg
12672-29-6	Aroclor-1248	90.0	U	90.0	194	ug/kg
11097-69-1	Aroclor-1254	31.1	U	31.1	194	ug/kg
37324-23-5	Aroclor-1262	52.1	U	52.1	194	ug/kg
11100-14-4	Aroclor-1268	39.1	U	39.1	194	ug/kg
11096-82-5	Aroclor-1260	33.2	U	33.2	194	ug/kg
Total PCBs	Total PCBs	90.0	U	90.0	194	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		32 - 175	108%	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:	11/19/24	
Project:	P.S. 11 Queens		Date Received:	11/19/24	
Client Sample ID:	ROOF-1-BLACK		SDG No.:	P4919	
Lab Sample ID:	P4919-02		Matrix:	CAULK	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	1.29	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
PP068637.D	10	11/20/24 08:22	11/20/24 17:41	PB165124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	788	U	788	4000	ug/kg
11104-28-2	Aroclor-1221	1500	U	1500	4000	ug/kg
11141-16-5	Aroclor-1232	791	U	791	4000	ug/kg
53469-21-9	Aroclor-1242	788	U	788	4000	ug/kg
12672-29-6	Aroclor-1248	1800	U	1800	4000	ug/kg
11097-69-1	Aroclor-1254	635	U	635	4000	ug/kg
37324-23-5	Aroclor-1262	1100	U	1100	4000	ug/kg
11100-14-4	Aroclor-1268	798	U	798	4000	ug/kg
11096-82-5	Aroclor-1260	677	U	677	4000	ug/kg
Total PCBs	Total PCBs	1800	U	1800	4000	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.0		32 - 175	130%	SPK: 20

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Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/19/24	
Project:	P.S. 11 Queens		Date Received:	11/19/24	
Client Sample ID:	ROOF-11		SDG No.:	P4919	
Lab Sample ID:	P4919-03		Matrix:	CAULK	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	1.43	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
PP068630.D	1	11/20/24 08:22	11/20/24 15:36	PB165124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	71.1	U	71.1	357	ug/kg
11104-28-2	Aroclor-1221	134	U	134	357	ug/kg
11141-16-5	Aroclor-1232	71.3	U	71.3	357	ug/kg
53469-21-9	Aroclor-1242	71.1	U	71.1	357	ug/kg
12672-29-6	Aroclor-1248	166	U	166	357	ug/kg
11097-69-1	Aroclor-1254	183	J	57.3	357	ug/kg
37324-23-5	Aroclor-1262	95.9	U	95.9	357	ug/kg
11100-14-4	Aroclor-1268	72.0	U	72.0	357	ug/kg
11096-82-5	Aroclor-1260	61.0	U	61.0	357	ug/kg
Total PCBs	Total PCBs	183	J	57.3	357	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 175	102%	SPK: 20

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LAB CHRONICLE

OrderID:	P4919	OrderDate:	11/19/2024 11:09:22 AM
Client:	ATC Group Services LLC	Project:	P.S. 11 Queens
Contact:	Olga Seldinas	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4919-01	ROOF-1-OFF-WHITE	CAULK	PCB Group1	8082A	11/19/24	11/20/24	11/20/24	11/19/24
P4919-02	ROOF-1-BLACK	CAULK	PCB Group1	8082A	11/19/24	11/20/24	11/20/24	11/19/24
P4919-03	ROOF-11	CAULK	PCB Group1	8082A	11/19/24	11/20/24	11/20/24	11/19/24



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number:

P4919

COC Number:

CLIENT INFORMATION

COMPANY: *AtE Group Services*
ADDRESS: *104 East 25th Street*
CITY: *New York* STATE: *NY* ZIP: *10010*
ATTENTION: *Dga Seldin*
PHONE: *(212) 284-0619* FAX:

PROJECT INFORMATION

PROJECT NAME: *PS 11 - Queens*
PROJECT #: *2022SCA 401* LOCATION: *Queens*
PROJECT MANAGER: *Dga Seldin*
E-MAIL: *dga.seldin@oneatl.com*
PHONE: *(212) 284-0619* FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

TOTAL PCB

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

DATA TURNAROUND INFORMATION

FAX: *5 days* DAYS*
HARD COPY: DAYS*
EDD: DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format

CHEMTECH
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE

SAMPLE
COLLECTION

of Bottles

COMP

GRAB

DATE

TIME

1

2

3

4

5

6

7

8

9

1. *100/ #1 off n/a wall*
100/ #1 off n/a wall
2. *100/ #1 off n/a wall*
100/ #1 off n/a wall
3. *100/ #1 off n/a wall*
100/ #1 off n/a wall
4.
5.
6.
7.
8.
9.
10.

11/15/24 15:00
11/15/24 15:20
11/15/24 15:40

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER

DATE/TIME

RECEIVED BY

1. *Dga Seldin*

11/18/24

1. *[Signature]*

RELINQUISHED BY

DATE/TIME

RECEIVED BY

2. *[Signature]*

11-19-24

2. *[Signature]*

RELINQUISHED BY

DATE/TIME

RECEIVED FOR LAB BY

3.

DATE/TIME

RECEIVED BY

Page _____ of _____

Conditions of bottles or coolers at receipt:

☐ Compliant

☐ Non Compliant

☐ Cooler Temp *20.6*

MeOH extraction requires an additional 4oz. Jar for percent solid

☐ Ice in Cooler? *NO*

Comments:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight

CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Composite Sample log

Chemtech Project number: P4919Date: 11-19-24Client Name: A.T.CClient Project Name: P.S. II QUEENSInstructions: Composite Samples (3:1)Sample Custodian: C.P.

Client Sample ID	Weight /Volume used	New ID	Sample Description	Sample Composite time	Comments
Roof-1-OFF-white	0.85g	Roof-1-off-white	Grey Caulk	11:41	Total weight (2.60g)
↓	0.87g	↓	↓	↓	↓
	0.86g				
Roof-1-Black	0.45g	Roof-1-Black	Black Caulk	11:45	Total weight (1.35g)
↓	0.43g	↓	↓	↓	↓
	0.47g				
Roof-11	0.50g	Roof-11	Grey Caulk	11:50	Total weight (1.51g)
↓	0.52g	↓	↓	↓	↓
	0.49g				

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