

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : PS 178K BROOKLYN

ATC GROUP SERVICES LLC

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : Q1616

ATTENTION : Olga Seldinas



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q1616

Project ID : PS 178K Brooklyn

Client : ATC Group Services LLC

Lab Sample Number

Q1616-01

Client Sample Number

7A-7B-7C

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 : _____

Date: 3/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATC Group Services LLC
Project Name: PS 178K Brooklyn
Project # N/A
Chemtech Project # Q1616
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 03/20/2025.

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_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 .

E. Additional Comments:

No MSMSD performed as samples are caulk matrix.
Samples were received on 03/20/2025, 11:55 and composited in the Lab on 03/20/2025, 12:10.
The temperature of the samples at the time of receipt was 15.2°C.
The soil samples results are based on a dry weight basis.

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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Signature_____

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 is 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 #: Q1616

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: 03/24/2025

Hit Summary Sheet
SW-846

SDG No.: Q1616

Order ID: Q1616

Client: ATC Group Services LLC

Project ID: PS 178K Brooklyn

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	03/20/25	
Project:	PS 178K Brooklyn		Date Received:	03/20/25	
Client Sample ID:	7A-7B-7C		SDG No.:	Q1616	
Lab Sample ID:	Q1616-01		Matrix:	CAULK	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	1.74	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
PP070767.D	1	03/20/25 13:28	03/20/25 20:49	PB167238

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	68.1	U	68.1	293	ug/kg
11104-28-2	Aroclor-1221	69.5	U	69.5	293	ug/kg
11141-16-5	Aroclor-1232	64.1	U	64.1	293	ug/kg
53469-21-9	Aroclor-1242	69.1	U	69.1	293	ug/kg
12672-29-6	Aroclor-1248	102	U	102	293	ug/kg
11097-69-1	Aroclor-1254	55.3	U	55.3	293	ug/kg
37324-23-5	Aroclor-1262	86.6	U	86.6	293	ug/kg
11100-14-4	Aroclor-1268	62.1	U	62.1	293	ug/kg
11096-82-5	Aroclor-1260	55.7	U	55.7	293	ug/kg
Total PCBs	Total PCBs	102	U	102	293	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		32 - 144	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	32.9		32 - 175	165%	SPK: 20

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates >25% difference for detected concentrations between the two GC columns	S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

LAB CHRONICLE

OrderID: Q1616	OrderDate: 3/20/2025 12:03:00 PM
Client: ATC Group Services LLC	Project: PS 178K Brooklyn
Contact: Olga Seldinas	Location: F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1616-01	7A-7B-7C	CAULK	PCB Group1	8082A	03/20/25	03/20/25	03/20/25	03/20/25



SHIPPING DOCUMENTS



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

Chemtech Project Number Q1616
 COC Number

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
Report to be sent to:		PROJECT NAME: <u>PS 178 - Brooklyn</u>	BILL TO:		PO#
COMPANY: <u>ATC Group Services, LLC</u>		PROJECT #: <u>2022-PCR-430</u>	LOCATION: <u>Brooklyn</u>	ADDRESS:	
ADDRESS: <u>104 East 25th Street</u>		PROJECT MANAGER: <u>Olga Delclina</u>		CITY:	STATE: ZIP:
CITY: <u>Manhattan</u> STATE: <u>NY</u> ZIP: <u>10010</u>		E-MAIL: <u>olga.delclina@atcgroup.com</u>		ATTENTION:	
ATTENTION: <u>Olga Delclina</u>		PHONE: <u>646-812-8352</u> FAX: <u>com</u>		PHONE:	
PHONE: <u>646-812-8352</u> FAX:					

DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS	
FAX (RUSH) <u>one day (1)</u> DAYS*		<input type="checkbox"/> Level 1 (Results Only)	<input type="checkbox"/> Level 4 (QC + Full Raw Data)		
HARDCOPY (DATA PACKAGE): _____ DAYS*		<input type="checkbox"/> Level 2 (Results + QC)	<input type="checkbox"/> NJ Reduced <input type="checkbox"/> US EPA CLP		
EDD: _____ DAYS*		<input type="checkbox"/> Level 3 (Results + QC + Raw Data)	<input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B		
*TO BE APPROVED BY CHEMTECH		<input type="checkbox"/> EDD FORMAT _____	<input type="checkbox"/> Other _____		
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS <- Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
			1. <u>7A7B7C</u>	<u>in utility extension opposite each other</u>	<u>concrete</u>	<input checked="" type="checkbox"/>			<u>3/15/25</u>	<u>12PM</u>									
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

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

RELINQUISHED BY SAMPLER 1. <u>Olga Delclina</u>	DATE/TIME <u>3/19/25</u>	RECEIVED BY <u>[Signature]</u>	Conditions of bottles or collars at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>15.2°C</u> Comments: _____ _____ _____
RELINQUISHED BY 2. <u>Fed Ex</u>	DATE/TIME <u>3-20-25</u>	RECEIVED BY <u>[Signature]</u>	
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	

Page _____ of _____ CLIENT: Hand Delivered Other: _____
 CHEMTECH: Picked Up Shipment Complete YES NO

10/2021 WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

Laboratory Composite Sample log

Lab Project number: Q1616

Date: 3-20-25

Client Name: ATC GROUP SERVICES

Client Project Name: PS 178K BROOKLYN

Instructions: COMPOSITE SAMPLES 3:1

Sample Custodian: *[Signature]*

Client Sample ID	Weigh /Volume used	New ID	Sample Description	Sample Composite time	Comments
7A	0.55g	7A-7B-7C	CAULK MATRIX	12:10	1.68g not used
7B	0.57g	↓	↓	↓	↓
7C	0.56g	↓	↓	↓	↓

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