

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : K084-SCA PCBS NYC - 2022SCA421

ATC GROUP SERVICES LLC

104 East 25th Street

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : Q1596

ATTENTION : Denise Cosenza



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q1596

Project ID : K084-SCA PCBs NYC - 2022SCA421

Client : ATC Group Services LLC

Lab Sample Number

Q1596-01
Q1596-02

Client Sample Number

15D
16D

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: 3/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATC Group Services LLC

Project Name: K084-SCA PCBs NYC - 2022SCA421

Project # N/A

Chemtech Project # Q1596

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 03/18/2025.

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 MS {Q1596-01MS} with File ID: PP070706.D recoveries met the requirements for all compounds except for AR1260[288%] due to matrix interference .

The MSD {Q1596-01MSD} with File ID: PP070707.D recoveries met the acceptable requirements except for AR1260[287%] due to matrix interference.

The RPD met criteria .

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 15D was diluted due to high concentration.

E. Additional Comments:

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: <ol style="list-style-type: none"> (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 #: Q1596

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: MOHAMMAD AHMED

Date: 03/27/2025

Hit Summary Sheet
SW-846

SDG No.: Q1596

Order ID: Q1596

Client: ATC Group Services LLC

Project ID: K084-SCA PCBs NYC - 2022SCA421

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 15D								
Q1596-01	15D	SOIL	Aroclor-1254	667	E	4.60	24.3	ug/kg
Total Concentration:				667.000				
Client ID : 15DDL								
Q1596-01DL	15DDL	SOIL	Aroclor-1254	716	D	9.20	48.7	ug/kg
Total Concentration:				716.000				
Client ID : 16D								
Q1596-02	16D	SOIL	Aroclor-1254	447		4.50	23.9	ug/kg
Total Concentration:				447.000				



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	03/17/25	
Project:	K084-SCA PCBs NYC - 2022SCA421		Date Received:	03/18/25	
Client Sample ID:	15D		SDG No.:	Q1596	
Lab Sample ID:	Q1596-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	69.8	Decanted:
Sample Wt/Vol:	30.02	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
PP070705.D	1	03/19/25 08:50	03/19/25 17:14	PB167202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.70	U	5.70	24.3	ug/kg
11104-28-2	Aroclor-1221	5.80	U	5.80	24.3	ug/kg
11141-16-5	Aroclor-1232	5.30	U	5.30	24.3	ug/kg
53469-21-9	Aroclor-1242	5.70	U	5.70	24.3	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	24.3	ug/kg
11097-69-1	Aroclor-1254	667	E	4.60	24.3	ug/kg
37324-23-5	Aroclor-1262	7.20	U	7.20	24.3	ug/kg
11100-14-4	Aroclor-1268	5.20	U	5.20	24.3	ug/kg
11096-82-5	Aroclor-1260	4.60	U	4.60	24.3	ug/kg
Total PCBs	Total PCBs	667		4.60	24.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	03/17/25	
Project:	K084-SCA PCBs NYC - 2022SCA421		Date Received:	03/18/25	
Client Sample ID:	15DDL		SDG No.:	Q1596	
Lab Sample ID:	Q1596-01DL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	69.8	Decanted:
Sample Wt/Vol:	30.02	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
PP070737.D	2	03/19/25 08:50	03/20/25 09:39	PB167202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	11.3	UD	11.3	48.7	ug/kg
11104-28-2	Aroclor-1221	11.5	UD	11.5	48.7	ug/kg
11141-16-5	Aroclor-1232	10.7	UD	10.7	48.7	ug/kg
53469-21-9	Aroclor-1242	11.5	UD	11.5	48.7	ug/kg
12672-29-6	Aroclor-1248	17.0	UD	17.0	48.7	ug/kg
11097-69-1	Aroclor-1254	716	D	9.20	48.7	ug/kg
37324-23-5	Aroclor-1262	14.4	UD	14.4	48.7	ug/kg
11100-14-4	Aroclor-1268	10.3	UD	10.3	48.7	ug/kg
11096-82-5	Aroclor-1260	9.20	UD	9.20	48.7	ug/kg
Total PCBs	Total PCBs	716	D	9.20	48.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.7		32 - 144	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		32 - 175	85%	SPK: 20

Comments:

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Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	03/17/25	
Project:	K084-SCA PCBs NYC - 2022SCA421		Date Received:	03/18/25	
Client Sample ID:	16D		SDG No.:	Q1596	
Lab Sample ID:	Q1596-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	70.9	Decanted:
Sample Wt/Vol:	30.1	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
PP070708.D	1	03/19/25 08:50	03/19/25 18:03	PB167202

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.60	U	5.60	23.9	ug/kg
11104-28-2	Aroclor-1221	5.70	U	5.70	23.9	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	23.9	ug/kg
53469-21-9	Aroclor-1242	5.60	U	5.60	23.9	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	23.9	ug/kg
11097-69-1	Aroclor-1254	447		4.50	23.9	ug/kg
37324-23-5	Aroclor-1262	7.10	U	7.10	23.9	ug/kg
11100-14-4	Aroclor-1268	5.10	U	5.10	23.9	ug/kg
11096-82-5	Aroclor-1260	4.50	U	4.50	23.9	ug/kg
Total PCBs	Total PCBs	447		4.50	23.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q1596	OrderDate:	3/18/2025 11:25:00 AM
Client:	ATC Group Services LLC	Project:	K084-SCA PCBs NYC - 2022SCA421
Contact:	Denise Cosenza	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1596-01	15D	SOIL	PCB Group1	8082A	03/17/25	03/19/25	03/19/25	03/18/25
Q1596-01DL	15DDL	SOIL	PCB Group1	8082A	03/17/25	03/19/25	03/20/25	03/18/25
Q1596-02	16D	SOIL	PCB Group1	8082A	03/17/25	03/19/25	03/19/25	03/18/25



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. **Q1596**
QUOTE NO.
COC Number **2039692**

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: **Atlas Technical Consultants**
ADDRESS: **104 E 25th Street 8th Fl**
CITY: **New York** STATE: **Ny** ZIP: **10010**
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **SCA K084**
PROJECT NO. **2022SCA421** LOCATION: **250 Berry St. Brooklyn, NY**
PROJECT MANAGER: **Denise Cosenza**
e-mail: **Denise.Cosenza@oneatlas.com**
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: BO#:
ADDRESS: **SAME**
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) **STANDARD 5-DAY JAT** DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

TOTAL PCBs

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← 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.	15D	S		X	3/17/25	12:00	1	X									HOLD ALL E & F SAMPLES HOLD HOLD HOLD HOLD
2.	16D					12:05											
3.	15E					12:10											
4.	16E					12:15											
5.	15F					12:20											
6.	16F					12:25											
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. Albert Tan	DATE/TIME: 1005 3/18/25	RECEIVED BY: [Signature] 1005 3-18-25	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 3.8°C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 1425 3-18-25	RECEIVED BY: 3.	

Q1596

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

15 of 18

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

From: Denise Cosenza <denise.cosenza@oneatlas.com>
Sent: Friday, March 28, 2025 10:51 AM
To: Kiran Saleem
Subject: RE: K084-SCA PCBs NYC - Q1596

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning

Based on the results, we will not be analyzing the remaining samples.

Thank you,
Denise



Denise Cosenza
Project Manager
O: 212.284.0613 C: 718.490.0614

From: Kiran Saleem <Kiran.Saleem@alliancetg.com>
Sent: Friday, March 28, 2025 10:45 AM
To: Denise Cosenza <denise.cosenza@oneatlas.com>
Subject: [EXTERNAL] K084-SCA PCBs NYC - Q1596

[External Email] This email originated from outside of the Atlas mail system. Please use caution when opening attachments.

Good Morning Denise,

I am reaching out to check with you the update regarding the hold samples. Please see the attached COC.

Thanks.

NOTE: Chemtech is now an Alliance Technical Group company. Please add AllianceTG.com to your safe senders list to ensure receipt of important emails.

Regards,



Kiran Saleem
Project Manager
Alliance Technical Group
Main: 908-789-8900
Direct: 908-728-3148

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

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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