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Hit Summary Sheet
SW-846

SDG No.: Q3507

Client: ATG-GREENVILLE AEC

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

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013-CSC 4132 Chester
Client Sample ID: SW-1
Lab Sample ID: Q3507-01
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/30/25
Date Received: 10/31/25
SDG No.: Q3507
Matrix: Water
% Solid: 0
Test: VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.00015	U	1	0.00015	0.0010	mg/L	10/31/25 17:33	VX103125
108-88-3	Toluene	0.00014	U	1	0.00014	0.0010	mg/L	10/31/25 17:33	VX103125
100-41-4	Ethyl Benzene	0.00013	U	1	0.00013	0.0010	mg/L	10/31/25 17:33	VX103125
179601-23-1	m/p-Xylenes	0.00024	U	1	0.00024	0.0020	mg/L	10/31/25 17:33	VX103125
95-47-6	o-Xylene	0.00012	U	1	0.00012	0.0010	mg/L	10/31/25 17:33	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.3			74 - 125	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.4			75 - 124	93%	SPK: 50		
2037-26-5	Toluene-d8	48.5			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.2			77 - 121	108%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	105000							
540-36-3	1,4-Difluorobenzene	227000							
3114-55-4	Chlorobenzene-d5	210000							
3855-82-1	1,4-Dichlorobenzene-d4	116000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013-CSC 4132 Chester
Client Sample ID: TB
Lab Sample ID: Q3507-02
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level: LOW
Final Vol: 5000 uL

Date Collected: 10/29/25
Date Received: 10/31/25
SDG No.: Q3507
Matrix: Water
% Solid: 0
Test: VOC-BTEX

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
71-43-2	Benzene	0.00015	U	1	0.00015	0.0010	mg/L	10/31/25 16:52	VX103125
108-88-3	Toluene	0.00014	U	1	0.00014	0.0010	mg/L	10/31/25 16:52	VX103125
100-41-4	Ethyl Benzene	0.00013	U	1	0.00013	0.0010	mg/L	10/31/25 16:52	VX103125
179601-23-1	m/p-Xylenes	0.00024	U	1	0.00024	0.0020	mg/L	10/31/25 16:52	VX103125
95-47-6	o-Xylene	0.00012	U	1	0.00012	0.0010	mg/L	10/31/25 16:52	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.0			74 - 125	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	57.9			75 - 124	116%	SPK: 50		
2037-26-5	Toluene-d8	49.5			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	63.4	*		77 - 121	127%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	111000							
540-36-3	1,4-Difluorobenzene	187000							
3114-55-4	Chlorobenzene-d5	202000							
3855-82-1	1,4-Dichlorobenzene-d4	130000							

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LOQ = Limit of Quantitation

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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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3507	OrderDate:	10/31/2025 11:34:00 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013-CSC 4132 Chester
Contact:	Staci Bruce	Location:	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3507-01	SW-1	Water	VOC-BTEX	8260-Low	10/30/25		10/31/25	10/31/25
Q3507-02	TB	Water	VOC-BTEX	8260-Low	10/29/25		10/31/25	10/31/25



SAMPLE DATA

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013-CSC 4132 Chester
Client Sample ID: SW-1
Lab Sample ID: Q3507-01

Date Collected: 10/30/25 11:20
Date Received: 10/31/25
SDG No.: Q3507
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	19.8		1	1.50	10.0	mg/L		11/04/25 13:02	SM 5220 D-11
Oil and Grease	13.8		1	0.29	5.00	mg/L		11/07/25 10:30	1664A

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3507	OrderDate:	10/31/2025 11:34:00 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013-CSC 4132 Chester
Contact:	Staci Bruce	Location:	J12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3507-01	SW-1	Water			10/30/25 11:20			10/31/25
			COD	SM5220 D			11/04/25 13:02	
			Oil and Grease	1664A			11/07/25 10:30	