



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

Hit Summary Sheet
SW-846

SDG No.: P5240
Client: ATC Group Services LLC

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

Client ID: 0

Total Voc :
Total Concentration:

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	12/09/24	
Project:	Queens PDC Wilmington VMF - 142-02 # M242660384		Date Received:	12/10/24	
Client Sample ID:	OF-1		SDG No.:	P5240	
Lab Sample ID:	P5240-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-BTEX	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085169.D	1		12/10/24 16:28	VN121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.2		77 - 121	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	8.224			
540-36-3	1,4-Difluorobenzene	238000	9.1			
3114-55-4	Chlorobenzene-d5	204000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	82700	13.788			

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:	ATC Group Services LLC		Date Collected:	12/09/24	
Project:	Queens PDC Wilmington VMF - 142-02 # M242660384		Date Received:	12/10/24	
Client Sample ID:	OF-2		SDG No.:	P5240	
Lab Sample ID:	P5240-04		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-BTEX	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085170.D	1		12/10/24 16:53	VN121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	47.4		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		77 - 121	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	8.224			
540-36-3	1,4-Difluorobenzene	251000	9.1			
3114-55-4	Chlorobenzene-d5	209000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	88000	13.794			

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:	ATC Group Services LLC		Date Collected:	12/09/24	
Project:	Queens PDC Wilmington VMF - 142-02 # M242660384		Date Received:	12/10/24	
Client Sample ID:	OF-3		SDG No.:	P5240	
Lab Sample ID:	P5240-05		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-BTEX	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085171.D	1		12/10/24 17:17	VN121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	48.3		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.5		77 - 121	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	130000	8.224			
540-36-3	1,4-Difluorobenzene	240000	9.1			
3114-55-4	Chlorobenzene-d5	197000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	75100	13.794			

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



LAB CHRONICLE

OrderID:	P5240	OrderDate:	12/10/2024 1:09:00 PM
Client:	ATC Group Services LLC	Project:	Queens PDC Wilmington VMF - 142-02 #
Contact:	David Gustafson	Location:	M14200A384 #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5240-01	OF-1	Water	VOC-BTEX	8260-Low	12/09/24		12/10/24	12/10/24
P5240-04	OF-2	Water	VOC-BTEX	8260-Low	12/09/24		12/10/24	12/10/24
P5240-05	OF-3	Water	VOC-BTEX	8260-Low	12/09/24		12/10/24	12/10/24



SAMPLE DATA

A

B

C

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	12/09/24 13:40
Project:	Queens PDC Wilmington VMF - 142-02 # M242660384	Date Received:	12/10/24
Client Sample ID:	OF-1	SDG No.:	P5240
Lab Sample ID:	P5240-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	143		1	2.35	10.0	mg/L		12/13/24 13:02	SM 5220 D-11
Oil and Grease	3.30	J	1	0.40	5.00	mg/L		12/13/24 11:10	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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	12/09/24 14:30
Project:	Queens PDC Wilmington VMF - 142-02 # M242660384	Date Received:	12/10/24
Client Sample ID:	OF-2	SDG No.:	P5240
Lab Sample ID:	P5240-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	98.6		1	2.35	10.0	mg/L		12/13/24 13:03	SM 5220 D-11
Oil and Grease	1.90	J	1	0.40	5.00	mg/L		12/13/24 11:10	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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	12/09/24 15:30
Project:	Queens PDC Wilmington VMF - 142-02 # M242660384	Date Received:	12/10/24
Client Sample ID:	OF-3	SDG No.:	P5240
Lab Sample ID:	P5240-05	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
COD	83.5		1	2.35	10.0	mg/L		12/13/24 13:03	SM 5220 D-11
Oil and Grease	15.2		1	0.40	5.00	mg/L		12/13/24 11:10	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:	P5240	OrderDate:	12/10/2024 1:09:00 PM
Client:	ATC Group Services LLC	Project:	Queens PDC Wilmington VMF - 142-02 #
Contact:	David Gustafson	Location:	M24200384. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5240-01	OF-1	Water			12/09/24 13:40			12/10/24
			COD	SM5220 D				
			Oil and Grease	1664A				
P5240-04	OF-2	Water			12/09/24 14:30			12/10/24
			COD	SM5220 D				
			Oil and Grease	1664A				
P5240-05	OF-3	Water			12/09/24 15:30			12/10/24
			COD	SM5220 D				
			Oil and Grease	1664A				