



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

Hit Summary Sheet SW-846

SDG No.: Q1870
Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 38072-010925								
Q1870-01	38072-010925	WATER	Acenaphthylene	240.000	E	0.04	0.1	ug/L
			Total Svoc :			240.00		
			Total Concentration:			240.00		
Client ID : 38072-010925DL								
Q1870-01DL	38072-010925DL	WATER	Acenaphthylene	240.000	ED	0.19	0.5	ug/L
			Total Svoc :			240.00		
			Total Concentration:			240.00		
Client ID : 38072-010925DL2								
Q1870-01DL2	38072-010925DL2	WATER	Acenaphthylene	230.000	D	1.9	5	ug/L
			Total Svoc :			230.00		
			Total Concentration:			230.00		



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	04/21/25
Project:	NJ Waste Water PT		Date Received:	04/23/25
Client Sample ID:	38072-010925		SDG No.:	Q1870
Lab Sample ID:	Q1870-01		Matrix:	Water
Analytical Method:	SW8270ESIM		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group5
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036936.D	1	04/24/25 12:05	04/29/25 13:05	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	240	E	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.42		20 - 139	105%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.46		30 - 150	115%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		27 - 154	104%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		25 - 149	103%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		54 - 175	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1930	7.633			
1146-65-2	Naphthalene-d8	5450	10.415			
15067-26-2	Acenaphthene-d10	3190	14.277			
1517-22-2	Phenanthrene-d10	6290	17.021			
1719-03-5	Chrysene-d12	6090	21.225			
1520-96-3	Perylene-d12	4540	23.427			

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:	Alliance Technical Group, LLC - Newark		Date Collected:	04/21/25
Project:	NJ Waste Water PT		Date Received:	04/23/25
Client Sample ID:	38072-010925DL		SDG No.:	Q1870
Lab Sample ID:	Q1870-01DL		Matrix:	Water
Analytical Method:	SW8270ESIM		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group5
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036937.D	5	04/24/25 12:05	04/29/25 13:41	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	240	ED	0.19	0.50	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.42		20 - 139	104%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.44		30 - 150	110%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		27 - 154	105%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		25 - 149	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.35		54 - 175	88%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2660	7.633			
1146-65-2	Naphthalene-d8	7270	10.404			
15067-26-2	Acenaphthene-d10	4170	14.277			
1517-22-2	Phenanthrene-d10	8000	17.021			
1719-03-5	Chrysene-d12	7790	21.216			
1520-96-3	Perylene-d12	5960	23.427			

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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	04/21/25
Project:	NJ Waste Water PT		Date Received:	04/23/25
Client Sample ID:	38072-010925DL2		SDG No.:	Q1870
Lab Sample ID:	Q1870-01DL2		Matrix:	Water
Analytical Method:	SW8270ESIM		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group5
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036938.D	50	04/24/25 12:05	04/29/25 14:17	PB167728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	230	D	1.90	5.00	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0	*	20 - 139	0%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0	*	30 - 150	0%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0	*	27 - 154	0%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0	*	25 - 149	0%	SPK: 0.4
1718-51-0	Terphenyl-d14	0	*	54 - 175	0%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2430		7.633		
1146-65-2	Naphthalene-d8	6300		10.415		
15067-26-2	Acenaphthene-d10	3590		14.277		
1517-22-2	Phenanthrene-d10	7140		17.021		
1719-03-5	Chrysene-d12	6700		21.215		
1520-96-3	Perylene-d12	5500		23.43		

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LAB CHRONICLE

OrderID:	Q1870	OrderDate:	4/24/2025 11:31:00 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Waste Water PT
Contact:	Mohammad Ahmed	Location:	QA Office

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1870-01	38072-010925	Water			04/21/25			04/23/25
			SVOCMS Group5	8270-Modified		04/24/25	04/29/25	
Q1870-01DL	38072-010925DL	Water			04/21/25			04/23/25
			SVOCMS Group5	8270-Modified		04/24/25	04/29/25	
Q1870-01DL 2	38072-010925DL2	Water			04/21/25			04/23/25
			SVOCMS Group5	8270-Modified		04/24/25	04/29/25	
Q1870-03	38073-100124	Water			04/22/25			04/24/25
			SVOCMS Group2	8270E		04/24/25	04/29/25	