

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	05/30/25
Project:	NJ Waste Water PT		Date Received:	06/02/25
Client Sample ID:	38072-062624		SDG No.:	Q2181
Lab Sample ID:	Q2181-01		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
BN037152.D	1	06/02/25 08:55	06/03/25 17:41	PB168238

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	120	E	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		20 - 139	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.41		54 - 157	103%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.40		27 - 154	100%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 - 155	94%	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	1730	7.597			
1146-65-2	Naphthalene-d8	4750	10.372			
15067-26-2	Acenaphthene-d10	2690	14.245			
1517-22-2	Phenanthrene-d10	4910	16.984			
1719-03-5	Chrysene-d12	3960	21.189			
1520-96-3	Perylene-d12	3400	23.374			

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