

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	03/12/25	
Project:	NJ Waste Water PT		Date Received:	03/12/25	
Client Sample ID:	BPOW6-9-20250312MSD		SDG No.:	Q1502	
Lab Sample ID:	Q1557-05MSD		Matrix:	Water	
Analytical Method:	SW8270ESIM		% Solid:	0	
Sample Wt/Vol:	990	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
BN036612.D	1	03/13/25 12:40	03/14/25 18:00	PB167128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.43		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.48		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.47		0.040	0.10	ug/L
86-73-7	Fluorene	0.47		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.53		0.030	0.10	ug/L
120-12-7	Anthracene	0.53		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.55		0.030	0.10	ug/L
129-00-0	Pyrene	0.51		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.54		0.040	0.10	ug/L
218-01-9	Chrysene	0.55		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.54		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.56		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.58		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.55		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.53		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.50		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		20 - 139	96%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.44		30 - 150	111%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		27 - 154	89%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		25 - 149	102%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.69		54 - 175	172%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2510		7.717		
1146-65-2	Naphthalene-d8	5930		10.509		
15067-26-2	Acenaphthene-d10	3540		14.355		
1517-22-2	Phenanthrene-d10	7130		17.099		
1719-03-5	Chrysene-d12	5440		21.295		
1520-96-3	Perylene-d12	4600		23.545		

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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