

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 Group3
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						
62-75-9	n-Nitrosodimethylamine	0.20		0.050	0.20	ug/L
87-68-3	Hexachlorobutadiene	0.40		0.040	0.10	ug/L
118-74-1	Hexachlorobenzene	0.46		0.030	0.10	ug/L
1912-24-9	Atrazine	0.56		0.030	0.10	ug/L
123-91-1	1,4-Dioxane	0.23		0.070	0.20	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		

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