

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Waste Water PT
Client Sample ID: PB170298BL
Lab Sample ID: PB170298BL
Analytical Method: SW8270ESIM Level: LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : Prep Date: 10/28/25

Date Collected:
Date Received:
SDG No.: Q3478
Matrix: Water
% Solid: 0
Test: SVOCMS Group5

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
91-57-6	2-Methylnaphthalene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
208-96-8	Acenaphthylene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
83-32-9	Acenaphthene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
86-73-7	Fluorene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
85-01-8	Phenanthrene	0.030	U	1	0.030	0.10	ug/L	10/30/25 10:49	PB170298
120-12-7	Anthracene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
206-44-0	Fluoranthene	0.030	U	1	0.030	0.10	ug/L	10/30/25 10:49	PB170298
129-00-0	Pyrene	0.030	U	1	0.030	0.10	ug/L	10/30/25 10:49	PB170298
56-55-3	Benzo(a)anthracene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
218-01-9	Chrysene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
205-99-2	Benzo(b)fluoranthene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
207-08-9	Benzo(k)fluoranthene	0.050	U	1	0.050	0.10	ug/L	10/30/25 10:49	PB170298
50-32-8	Benzo(a)pyrene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U	1	0.050	0.10	ug/L	10/30/25 10:49	PB170298
53-70-3	Dibenzo(a,h)anthracene	0.050	U	1	0.050	0.10	ug/L	10/30/25 10:49	PB170298
191-24-2	Benzo(g,h,i)perylene	0.040	U	1	0.040	0.10	ug/L	10/30/25 10:49	PB170298
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			20 - 139	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			54 - 157	83%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			27 - 154	89%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.41			30 - 155	101%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.45			54 - 175	113%	SPK: 0.4		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9150							
1146-65-2	Naphthalene-d8	25400							
15067-26-2	Acenaphthene-d10	13000							
1517-22-2	Phenanthrene-d10	24000							
1719-03-5	Chrysene-d12	15900							
1520-96-3	Perylene-d12	14600							

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