

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	NJ Waste Water PT		Date Received:	
Client Sample ID:	PB167097BSD		SDG No.:	Q1502
Lab Sample ID:	PB167097BSD		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141942.D	1	03/12/25 08:45	03/13/25 13:47	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	43.0		0.91	5.00	ug/L
95-57-8	2-Chlorophenol	44.2		0.58	5.00	ug/L
95-48-7	2-Methylphenol	44.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	44.0		1.10	10.0	ug/L
88-75-5	2-Nitrophenol	45.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	54.8		1.90	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.8		0.52	5.00	ug/L
65-85-0	Benzoic acid	52.1		4.20	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.1		0.59	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	45.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	45.7		0.62	5.00	ug/L
51-28-5	2,4-Dinitrophenol	95.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	97.3	E	2.40	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.9		2.90	10.0	ug/L
87-86-5	Pentachlorophenol	95.6	E	1.60	10.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		10 - 139	88%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
118-79-6	2,4,6-Tribromophenol	151		44 - 137	101%	SPK: 150
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	178000		6.875		
1146-65-2	Naphthalene-d8	702000		8.157		
15067-26-2	Acenaphthene-d10	402000		9.916		
1517-22-2	Phenanthrene-d10	683000		11.398		
1719-03-5	Chrysene-d12	437000		14.033		
1520-96-3	Perylene-d12	393000		15.504		

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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