

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	NJ Waste Water PT		Date Received:	
Client Sample ID:	PB167097BS		SDG No.:	Q1502
Lab Sample ID:	PB167097BS		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
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
BF141941.D	1	03/12/25 08:45	03/13/25 13:17	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	44.5		0.86	10.0	ug/L
110-86-1	Pyridine	42.1		1.30	5.00	ug/L
62-53-3	Aniline	36.1		1.50	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.5		0.81	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	46.7		0.68	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	45.6		0.59	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.8		0.53	5.00	ug/L
100-51-6	Benzyl Alcohol	44.9		1.60	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.7		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.3		1.40	2.50	ug/L
67-72-1	Hexachloroethane	45.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.9		0.76	5.00	ug/L
78-59-1	Isophorone	47.4		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.5		0.68	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.0		0.54	5.00	ug/L
91-20-3	Naphthalene	44.4		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	15.7		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.5		0.54	5.00	ug/L
91-57-6	2-Methylnaphthalene	43.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	3.60	10.0	ug/L
91-58-7	2-Chloronaphthalene	46.0		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	45.9		0.61	5.00	ug/L
208-96-8	Acenaphthylene	48.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.7		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	52.0		0.55	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	49.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.9		0.69	5.00	ug/L

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7005-72-3	4-Chlorophenyl-phenylether	46.2		0.68	5.00	ug/L
86-73-7	Fluorene	46.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	46.7		1.50	5.00	ug/L
86-30-6	n-Nitrosodiphenylamine	46.9		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	48.3		0.52	5.00	ug/L
85-01-8	Phenanthrene	47.0		0.50	5.00	ug/L
120-12-7	Anthracene	48.1		0.61	5.00	ug/L
86-74-8	Carbazole	46.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	45.2		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
92-87-5	Benzidine	84.5	E	4.30	10.0	ug/L
129-00-0	Pyrene	46.8		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.0		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	47.2		0.45	5.00	ug/L
218-01-9	Chrysene	46.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	43.3		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.8		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	43.6		1.00	5.00	ug/L
90-12-0	1-Methylnaphthalene	44.1		0.66	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	140		10 - 139	93%	SPK: 150

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13127-88-3	Phenol-d6	137		10 - 134	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.6		49 - 133	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		44 - 137	107%	SPK: 150
1718-51-0	Terphenyl-d14	105		48 - 125	105%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	168000	6.875
1146-65-2	Naphthalene-d8	667000	8.157
15067-26-2	Acenaphthene-d10	381000	9.916
1517-22-2	Phenanthrene-d10	657000	11.398
1719-03-5	Chrysene-d12	424000	14.039
1520-96-3	Perylene-d12	371000	15.504

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