

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	03/03/25
Project:	NJ Waste Water PT		Date Received:	03/05/25
Client Sample ID:	PT-BN-WP		SDG No.:	Q1502
Lab Sample ID:	Q1502-03		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
BP024173.D	1	03/12/25 08:45	03/13/25 11:43	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	79.3		0.86	10.0	ug/L
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
62-53-3	Aniline	1.50	U	1.50	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	E	0.81	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	160	E	0.68	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.59	U	0.59	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	180	E	0.53	5.00	ug/L
100-51-6	Benzyl Alcohol	1.60	U	1.60	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	140	E	1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	100	E	1.40	2.50	ug/L
67-72-1	Hexachloroethane	92.6	E	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	25.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
91-57-6	2-Methylnaphthalene	120	E	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	UQ	3.60	10.0	ug/L
91-58-7	2-Chloronaphthalene	110	E	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	150	E	0.61	5.00	ug/L
208-96-8	Acenaphthylene	82.3	E	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	110	E	0.55	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	130	E	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L

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7005-72-3	4-Chlorophenyl-phenylether	150	E	0.68	5.00	ug/L
86-73-7	Fluorene	140	E	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
86-30-6	n-Nitrosodiphenylamine	32.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	66.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	110	E	1.20	5.00	ug/L
206-44-0	Fluoranthene	120	E	0.82	5.00	ug/L
92-87-5	Benzidine	4.30	U	4.30	10.0	ug/L
129-00-0	Pyrene	120	E	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	170	E	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	150	E	0.45	5.00	ug/L
218-01-9	Chrysene	65.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	93.4	E	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	72.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	91.1	E	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	110	E	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	64.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	160	E	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	84.1	E	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	UQ	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
90-12-0	1-Methylnaphthalene	48.4		0.66	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	163		10 - 139	109%	SPK: 150

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13127-88-3	Phenol-d6	162		10 - 134	108%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.1		52 - 132	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	99.0		48 - 125	99%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	282000	7.769
1146-65-2	Naphthalene-d8	1250000	10.546
15067-26-2	Acenaphthene-d10	868000	14.41
1517-22-2	Phenanthrene-d10	1720000	17.21
1719-03-5	Chrysene-d12	1810000	21.68
1520-96-3	Perylene-d12	2000000	25.069

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