

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-WPDL		SDG No.:	Q1502
Lab Sample ID:	Q1502-03DL		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
BP024174.D	5	03/12/25 08:45	03/13/25 12:37	PB167097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	67.1	D	4.30	50.0	ug/L
110-86-1	Pyridine	6.40	UD	6.40	25.0	ug/L
62-53-3	Aniline	7.40	UD	7.40	25.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	94.4	D	4.10	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	140	D	3.40	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	3.00	UD	3.00	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	160	D	2.70	25.0	ug/L
100-51-6	Benzyl Alcohol	8.00	UD	8.00	50.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	120	D	6.40	25.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	84.9	D	7.10	12.5	ug/L
67-72-1	Hexachloroethane	79.3	D	3.30	25.0	ug/L
98-95-3	Nitrobenzene	3.80	UD	3.80	25.0	ug/L
78-59-1	Isophorone	3.80	UD	3.80	25.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.40	UD	3.40	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.70	UD	2.70	25.0	ug/L
91-20-3	Naphthalene	24.0	JD	2.50	25.0	ug/L
106-47-8	4-Chloroaniline	4.20	UD	4.20	25.0	ug/L
87-68-3	Hexachlorobutadiene	2.70	UD	2.70	25.0	ug/L
91-57-6	2-Methylnaphthalene	110	D	2.80	25.0	ug/L
77-47-4	Hexachlorocyclopentadiene	18.2	UDQ	18.2	50.0	ug/L
91-58-7	2-Chloronaphthalene	110	D	3.10	25.0	ug/L
88-74-4	2-Nitroaniline	6.30	UD	6.30	25.0	ug/L
131-11-3	Dimethylphthalate	160	D	3.10	25.0	ug/L
208-96-8	Acenaphthylene	80.6	D	3.80	25.0	ug/L
606-20-2	2,6-Dinitrotoluene	4.60	UD	4.60	25.0	ug/L
99-09-2	3-Nitroaniline	5.30	UD	5.30	25.0	ug/L
83-32-9	Acenaphthene	110	D	2.80	25.0	ug/L
121-14-2	2,4-Dinitrotoluene	110	D	6.10	25.0	ug/L
84-66-2	Diethylphthalate	3.50	UD	3.50	25.0	ug/L

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7005-72-3	4-Chlorophenyl-phenylether	170	D	3.40	25.0	ug/L
86-73-7	Fluorene	170	D	3.20	25.0	ug/L
100-01-6	4-Nitroaniline	7.50	UD	7.50	25.0	ug/L
86-30-6	n-Nitrosodiphenylamine	33.1	D	2.90	25.0	ug/L
101-55-3	4-Bromophenyl-phenylether	2.00	UD	2.00	25.0	ug/L
118-74-1	Hexachlorobenzene	2.60	UD	2.60	25.0	ug/L
85-01-8	Phenanthrene	2.50	UD	2.50	25.0	ug/L
120-12-7	Anthracene	3.10	UD	3.10	25.0	ug/L
86-74-8	Carbazole	65.8	D	3.60	25.0	ug/L
84-74-2	Di-n-butylphthalate	110	D	6.10	25.0	ug/L
206-44-0	Fluoranthene	140	D	4.10	25.0	ug/L
92-87-5	Benzidine	21.4	UD	21.4	50.0	ug/L
129-00-0	Pyrene	160	D	2.50	25.0	ug/L
85-68-7	Butylbenzylphthalate	180	D	9.70	25.0	ug/L
91-94-1	3,3-Dichlorobenzidine	4.70	UD	4.70	50.0	ug/L
56-55-3	Benzo(a)anthracene	170	D	2.30	25.0	ug/L
218-01-9	Chrysene	68.2	D	2.20	25.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	83.5	D	8.00	25.0	ug/L
117-84-0	Di-n-octyl phthalate	62.0	D	11.7	50.0	ug/L
205-99-2	Benzo(b)fluoranthene	88.8	D	2.50	25.0	ug/L
207-08-9	Benzo(k)fluoranthene	110	D	2.40	25.0	ug/L
50-32-8	Benzo(a)pyrene	61.4	D	2.80	25.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.00	UD	3.00	25.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	160	D	3.40	25.0	ug/L
191-24-2	Benzo(g,h,i)perylene	79.5	D	3.50	25.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.60	UDQ	2.60	25.0	ug/L
123-91-1	1,4-Dioxane	5.00	UD	5.00	25.0	ug/L
90-12-0	1-Methylnaphthalene	43.6	D	3.30	25.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		10 - 139	88%	SPK: 150

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13127-88-3	Phenol-d6	130		10 - 134	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.6		49 - 133	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.4		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		44 - 137	76%	SPK: 150
1718-51-0	Terphenyl-d14	104		48 - 125	103%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	354000	7.752
1146-65-2	Naphthalene-d8	1420000	10.54
15067-26-2	Acenaphthene-d10	890000	14.41
1517-22-2	Phenanthrene-d10	1710000	17.222
1719-03-5	Chrysene-d12	1890000	21.674
1520-96-3	Perylene-d12	2060000	25.086

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