

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	09/03/24
Project:	NJ Waste Water PT	Date Received:	09/05/24
Client Sample ID:	PT-BN-WP	SDG No.:	P3845
Lab Sample ID:	P3845-03	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
BM047535.D	1	09/12/24 08:40	09/16/24 12:56	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	110	E	1.00	10.0	ug/L
110-86-1	Pyridine	1.60	U	1.60	5.00	ug/L
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
62-53-3	Aniline	1.60	U	1.60	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	110	E	1.20	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	150	E	0.80	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	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)	66.9		1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	110	E	1.50	2.50	ug/L
67-72-1	Hexachloroethane	120	E	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.00	ug/L
91-20-3	Naphthalene	150	E	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	67.8		1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
91-57-6	2-Methylnaphthalene	87.4	E	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	350	EQ	5.00	10.0	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L
208-96-8	Acenaphthylene	170	E	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	87.1	E	1.20	5.00	ug/L

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99-09-2	3-Nitroaniline	93.3	E	1.40	5.00	ug/L
83-32-9	Acenaphthene	16.4		0.81	5.00	ug/L
132-64-9	Dibenzofuran	56.5		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	64.8		1.50	5.00	ug/L
84-66-2	Diethylphthalate	92.6	E	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.8		0.98	5.00	ug/L
86-73-7	Fluorene	180	E	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
86-30-6	n-Nitrosodiphenylamine	130	E	0.89	5.00	ug/L
103-33-3	Azobenzene	1.20	U	1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	170	E	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	U	1.30	5.00	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	130	E	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
92-87-5	Benzidine	4.10	U	4.10	10.0	ug/L
129-00-0	Pyrene	31.5		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	UQ	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	160	E	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	110	EQ	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	170	E	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.8		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	81.4	E	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	83.7	E	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	120	EQ	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	110	EQ	1.20	5.00	ug/L

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191-24-2	Benzo(g,h,i)perylene	77.8		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	170	E	0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	153		10 - 139	102%	SPK: 150
13127-88-3	Phenol-d6	145		10 - 134	97%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.7		49 - 133	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.0		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		44 - 137	74%	SPK: 150
1718-51-0	Terphenyl-d14	132	*	48 - 125	132%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	344000		7.851		
1146-65-2	Naphthalene-d8	1460000		10.645		
15067-26-2	Acenaphthene-d10	837000		14.48		
1517-22-2	Phenanthrene-d10	1580000		17.215		
1719-03-5	Chrysene-d12	1290000		21.444		
1520-96-3	Perylene-d12	1280000		24.474		

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