

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	NJ Waste Water PT		Date Received:	
Client Sample ID:	PB163318BS		SDG No.:	P3845
Lab Sample ID:	PB163318BS		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
BM047568.D	1	09/12/24 08:40	09/19/24 13:15	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	40.5		1.00	10.0	ug/L
110-86-1	Pyridine	36.5		1.60	5.00	ug/L
100-52-7	Benzaldehyde	17.6		4.00	10.0	ug/L
62-53-3	Aniline	46.2		1.60	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		1.20	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	41.3		0.88	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	42.7		0.80	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.9		0.84	5.00	ug/L
100-51-6	Benzyl Alcohol	45.6		1.60	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.9		1.40	5.00	ug/L
98-86-2	Acetophenone	44.5		1.10	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.3		1.50	2.50	ug/L
67-72-1	Hexachloroethane	44.0		1.00	5.00	ug/L
98-95-3	Nitrobenzene	44.1		1.30	5.00	ug/L
78-59-1	Isophorone	44.6		1.10	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.8		1.00	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.8		1.10	5.00	ug/L
91-20-3	Naphthalene	42.9		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	28.3		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.0		1.30	5.00	ug/L
105-60-2	Caprolactam	43.9		1.70	10.0	ug/L
91-57-6	2-Methylnaphthalene	42.4		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5.00	10.0	ug/L
92-52-4	1,1-Biphenyl	45.6		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.5		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	49.7		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	45.9		0.93	5.00	ug/L
208-96-8	Acenaphthylene	49.3		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		1.20	5.00	ug/L

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99-09-2	3-Nitroaniline	36.9		1.40	5.00	ug/L
83-32-9	Acenaphthene	51.0		0.81	5.00	ug/L
132-64-9	Dibenzofuran	44.5		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.9		1.50	5.00	ug/L
84-66-2	Diethylphthalate	45.2		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.9		0.98	5.00	ug/L
86-73-7	Fluorene	43.4		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	43.7		2.00	5.00	ug/L
86-30-6	n-Nitrosodiphenylamine	48.3		0.89	5.00	ug/L
103-33-3	Azobenzene	47.7		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.0		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	44.6		1.10	5.00	ug/L
1912-24-9	Atrazine	51.5		1.30	5.00	ug/L
85-01-8	Phenanthrene	46.6		0.89	5.00	ug/L
120-12-7	Anthracene	49.2		1.10	5.00	ug/L
86-74-8	Carbazole	46.3		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.0		1.50	5.00	ug/L
206-44-0	Fluoranthene	43.7		1.30	5.00	ug/L
92-87-5	Benzidine	88.9	E	4.10	10.0	ug/L
129-00-0	Pyrene	48.8		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	56.6		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	50.4		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.6		0.94	5.00	ug/L
218-01-9	Chrysene	48.4		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.6		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	61.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.6		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.8		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	53.4		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	63.7		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	62.3		1.20	5.00	ug/L

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191-24-2	Benzo(g,h,i)perylene	59.0		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.8		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	38.9		1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	39.3		0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	156		10 - 139	104%	SPK: 150
13127-88-3	Phenol-d6	140		10 - 134	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.1		49 - 133	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.8		52 - 132	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	111		48 - 125	111%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	305000	7.839			
1146-65-2	Naphthalene-d8	1200000	10.639			
15067-26-2	Acenaphthene-d10	615000	14.474			
1517-22-2	Phenanthrene-d10	1070000	17.209			
1719-03-5	Chrysene-d12	845000	21.433			
1520-96-3	Perylene-d12	809000	24.456			

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