284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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-WPDL	SDG No.:	P3845
Lab Sample ID:	P3845-03DL	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
BM047536.D	5	09/12/24 08:40	09/16/24 16:12	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	130	D	5.20	50.0	ug/L
110-86-1	Pyridine	7.80	UD	7.80	25.0	ug/L
100-52-7	Benzaldehyde	20.0	UD	20.0	50.0	ug/L
62-53-3	Aniline	8.00	UD	8.00	25.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	130	D	6.00	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	4.40	UD	4.40	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	150	D	4.00	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	4.20	UD	4.20	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)	76.0	D	6.80	25.0	ug/L
98-86-2	Acetophenone	5.50	UD	5.50	25.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	110	D	7.40	12.5	ug/L
67-72-1	Hexachloroethane	130	D	5.10	25.0	ug/L
98-95-3	Nitrobenzene	6.40	UD	6.40	25.0	ug/L
78-59-1	Isophorone	5.70	UD	5.70	25.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.10	UD	5.10	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	5.50	UD	5.50	25.0	ug/L
91-20-3	Naphthalene	150	D	5.10	25.0	ug/L
106-47-8	4-Chloroaniline	6.50	UD	6.50	25.0	ug/L
87-68-3	Hexachlorobutadiene	70.2	D	6.40	25.0	ug/L
105-60-2	Caprolactam	8.30	UD	8.30	50.0	ug/L
91-57-6	2-Methylnaphthalene	86.1	D	5.70	25.0	ug/L
77-47-4	Hexachlorocyclopentadiene	300	DQ	25.1	50.0	ug/L
92-52-4	1,1-Biphenyl	4.60	UD	4.60	25.0	ug/L
91-58-7	2-Chloronaphthalene	4.90	UD	4.90	25.0	ug/L
88-74-4	2-Nitroaniline	7.10	UD	7.10	25.0	ug/L
131-11-3	Dimethylphthalate	4.70	UD	4.70	25.0	ug/L
208-96-8	Acenaphthylene	160	D	5.20	25.0	ug/L
606-20-2	2,6-Dinitrotoluene	76.6	D	6.20	25.0	ug/L

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99-09-2	3-Nitroaniline	87.4	D	6.90	25.0	ug/L
83-32-9	Acenaphthene	17.5	JD	4.10	25.0	ug/L
132-64-9	Dibenzofuran	56.2	D	4.70	25.0	ug/L
121-14-2	2,4-Dinitrotoluene	56.7	D	7.60	25.0	ug/L
84-66-2	Diethylphthalate	89.2	D	5.20	25.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36.7	D	4.90	25.0	ug/L
86-73-7	Fluorene	180	D	4.80	25.0	ug/L
100-01-6	4-Nitroaniline	10.2	UD	10.2	25.0	ug/L
86-30-6	n-Nitrosodiphenylamine	120	D	4.50	25.0	ug/L
103-33-3	Azobenzene	6.00	UD	6.00	25.0	ug/L
101-55-3	4-Bromophenyl-phenylether	4.80	UD	4.80	25.0	ug/L
118-74-1	Hexachlorobenzene	140	D	5.70	25.0	ug/L
1912-24-9	Atrazine	6.30	UD	6.30	25.0	ug/L
85-01-8	Phenanthrene	4.50	UD	4.50	25.0	ug/L
120-12-7	Anthracene	120	D	5.40	25.0	ug/L
86-74-8	Carbazole	5.80	UD	5.80	25.0	ug/L
84-74-2	Di-n-butylphthalate	7.40	UD	7.40	25.0	ug/L
206-44-0	Fluoranthene	6.50	UD	6.50	25.0	ug/L
92-87-5	Benzidine	20.4	UD	20.4	50.0	ug/L
129-00-0	Pyrene	31.2	D	5.30	25.0	ug/L
85-68-7	Butylbenzylphthalate	10.5	UDQ	10.5	25.0	ug/L
91-94-1	3,3-Dichlorobenzidine	6.40	UD	6.40	50.0	ug/L
56-55-3	Benzo(a)anthracene	4.70	UD	4.70	25.0	ug/L
218-01-9	Chrysene	150	D	4.30	25.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	81.7	DQ	9.50	25.0	ug/L
117-84-0	Di-n-octyl phthalate	130	D	12.5	50.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.1	D	5.70	25.0	ug/L
207-08-9	Benzo(k)fluoranthene	71.7	D	6.00	25.0	ug/L
50-32-8	Benzo(a)pyrene	74.4	D	8.40	25.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	110	DQ	5.10	25.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	93.7	DQ	5.80	25.0	ug/L

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191-24-2	Benzo(g,h,i)perylene	76.0	D	5.90	25.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.50	UD	5.50	25.0	ug/L
123-91-1	1,4-Dioxane	6.30	UD	6.30	25.0	ug/L
90-12-0	1-Methylnaphthalene	170	D	4.30	25.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	155		10 - 139	103%	SPK: 150
13127-88-3	Phenol-d6	148		10 - 134	99%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.7		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.8		44 - 137	66%	SPK: 150
1718-51-0	Terphenyl-d14	119		48 - 125	119%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	378000	7.851			
1146-65-2	Naphthalene-d8	1620000	10.645			
15067-26-2	Acenaphthene-d10	949000	14.48			
1517-22-2	Phenanthrene-d10	1820000	17.215			
1719-03-5	Chrysene-d12	1350000	21.439			
1520-96-3	Perylene-d12	1280000	24.468			

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