

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:	P3845-05DL	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN034051.D	50	09/12/24 12:00	09/19/24 15:31	PB163341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	120	D	1.50	10.0	ug/L
87-68-3	Hexachlorobutadiene	73.8	D	1.30	5.00	ug/L
118-74-1	Hexachlorobenzene	150	DQ	1.50	5.00	ug/L
1912-24-9	Atrazine	1.20	UD	1.20	5.00	ug/L
123-91-1	1,4-Dioxane	3.40	UD	3.40	10.0	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0	*	20 - 139	0%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0	*	30 - 150	0%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	101	*	27 - 123	25200%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	101	*	34 - 132	25313%	SPK: 0.4
1718-51-0	Terphenyl-d14	127	*	35 - 157	31800%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7820		7.43		
1146-65-2	Naphthalene-d8	23100		10.191		
15067-26-2	Acenaphthene-d10	14200		14.083		
1517-22-2	Phenanthrene-d10	31100		16.833		
1719-03-5	Chrysene-d12	25500		21.062		
1520-96-3	Perylene-d12	25400		23.195		

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