

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/06/25
Client Sample ID:	BP-VPB-184-GW-740-742MS		SDG No.:	Q3298
Lab Sample ID:	Q3298-06MS		Matrix:	Water
Analytical Method:	SW8270ESIM	Level : LOW	% Solid:	0
Sample Wt/Vol:	420 mL	Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	Prep Date: 10/08/25			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	1.60		1	0.16	0.48	0.48	ug/L	10/14/25 03:43	PB170022
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.26			30 - 150		64%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.19			30 - 150		48%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.29			55 - 111		72%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.73	*		53 - 106		183%	SPK: 0.4		
1718-51-0	Terphenyl-d14	1.08	*		58 - 132		269%	SPK: 0.4		
INTERNAL STANDARDS		Area								
3855-82-1	1,4-Dichlorobenzene-d4	5770								
1146-65-2	Naphthalene-d8	15000								
15067-26-2	Acenaphthene-d10	3440								
1517-22-2	Phenanthrene-d10	10300								
1719-03-5	Chrysene-d12	3300								
1520-96-3	Perylene-d12	80.0								

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