

Report of Analysis

Client:	Tetra Tech NUS, Inc.		Date Collected:	10/16/25
Project:	NWIRP Bethpage 112G08005-WE13		Date Received:	10/16/25
Client Sample ID:	BP-VPB-184-EB-20251016		SDG No.:	Q3371
Lab Sample ID:	Q3371-02		Matrix:	Water
Analytical Method:	SW8270ESIM	Level : LOW	% Solid:	0
Sample Wt/Vol:	900 mL	Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :		Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
123-91-1	1,4-Dioxane	0.090	J	1	0.070	0.22	0.22	ug/L	10/20/25 19:45	PB170167
SURROGATES										
7297-45-2	2-Methylnaphthalene-d10	0.30			30 - 150		76%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.42			30 - 150		105%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			55 - 111		91%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.35			53 - 106		87%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.55	*		58 - 132		137%	SPK: 0.4		
INTERNAL STANDARDS		Area Count								
3855-82-1	1,4-Dichlorobenzene-d4	6200								
1146-65-2	Naphthalene-d8	16000								
15067-26-2	Acenaphthene-d10	8400								
1517-22-2	Phenanthrene-d10	17100								
1719-03-5	Chrysene-d12	15000								
1520-96-3	Perylene-d12	14500								

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