

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	10/23/25
Project:	RFK Bridge RMB-Randall Island	Date Received:	10/24/25
Client Sample ID:	MW-12	SDG No.:	Q3468
Lab Sample ID:	Q3468-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 mL	Test:	SVOCMS Group1
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
208-96-8	Acenaphthylene	5.30	U	1	0.79	5.30	ug/L	10/29/25 22:21	PB170286
83-32-9	Acenaphthene	5.30	U	1	0.58	5.30	ug/L	10/29/25 22:21	PB170286
86-73-7	Fluorene	5.30	U	1	0.66	5.30	ug/L	10/29/25 22:21	PB170286
85-01-8	Phenanthrene	5.30	U	1	0.53	5.30	ug/L	10/29/25 22:21	PB170286
120-12-7	Anthracene	5.30	U	1	0.64	5.30	ug/L	10/29/25 22:21	PB170286
206-44-0	Fluoranthene	5.30	U	1	0.86	5.30	ug/L	10/29/25 22:21	PB170286
129-00-0	Pyrene	5.30	U	1	0.53	5.30	ug/L	10/29/25 22:21	PB170286
56-55-3	Benzo(a)anthracene	5.30	U	1	0.47	5.30	ug/L	10/29/25 22:21	PB170286
218-01-9	Chrysene	5.30	U	1	0.46	5.30	ug/L	10/29/25 22:21	PB170286
205-99-2	Benzo(b)fluoranthene	5.30	U	1	0.52	5.30	ug/L	10/29/25 22:21	PB170286
207-08-9	Benzo(k)fluoranthene	5.30	U	1	0.51	5.30	ug/L	10/29/25 22:21	PB170286
50-32-8	Benzo(a)pyrene	5.30	U	1	0.58	5.30	ug/L	10/29/25 22:21	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	1	0.62	5.30	ug/L	10/29/25 22:21	PB170286
53-70-3	Dibenzo(a,h)anthracene	5.30	U	1	0.71	5.30	ug/L	10/29/25 22:21	PB170286
191-24-2	Benzo(g,h,i)perylene	5.30	U	1	0.73	5.30	ug/L	10/29/25 22:21	PB170286
SURROGATES									
4165-60-0	Nitrobenzene-d5	117			67 - 132	117%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.3			52 - 132	86%	SPK: 100		
1718-51-0	Terphenyl-d14	92.3			42 - 152	92%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	32000							
1146-65-2	Naphthalene-d8	124000							
15067-26-2	Acenaphthene-d10	102000							
1517-22-2	Phenanthrene-d10	213000							
1719-03-5	Chrysene-d12	279000							
1520-96-3	Perylene-d12	310000							

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