

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-08	SDG No.:	Q3468
Lab Sample ID:	Q3468-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 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	5.10	U	1	0.76	5.10	ug/L	10/29/25 19:37	PB170286
83-32-9	Acenaphthene	5.10	U	1	0.56	5.10	ug/L	10/29/25 19:37	PB170286
86-73-7	Fluorene	5.10	U	1	0.64	5.10	ug/L	10/29/25 19:37	PB170286
85-01-8	Phenanthrene	5.10	U	1	0.51	5.10	ug/L	10/29/25 19:37	PB170286
120-12-7	Anthracene	5.10	U	1	0.62	5.10	ug/L	10/29/25 19:37	PB170286
206-44-0	Fluoranthene	5.10	U	1	0.83	5.10	ug/L	10/29/25 19:37	PB170286
129-00-0	Pyrene	5.10	U	1	0.51	5.10	ug/L	10/29/25 19:37	PB170286
56-55-3	Benzo(a)anthracene	5.10	U	1	0.45	5.10	ug/L	10/29/25 19:37	PB170286
218-01-9	Chrysene	5.10	U	1	0.44	5.10	ug/L	10/29/25 19:37	PB170286
205-99-2	Benzo(b)fluoranthene	5.10	U	1	0.49	5.10	ug/L	10/29/25 19:37	PB170286
207-08-9	Benzo(k)fluoranthene	5.10	U	1	0.48	5.10	ug/L	10/29/25 19:37	PB170286
50-32-8	Benzo(a)pyrene	5.10	U	1	0.56	5.10	ug/L	10/29/25 19:37	PB170286
193-39-5	Indeno(1,2,3-cd)pyrene	5.10	U	1	0.60	5.10	ug/L	10/29/25 19:37	PB170286
53-70-3	Dibenzo(a,h)anthracene	5.10	U	1	0.68	5.10	ug/L	10/29/25 19:37	PB170286
191-24-2	Benzo(g,h,i)perylene	5.10	U	1	0.70	5.10	ug/L	10/29/25 19:37	PB170286
SURROGATES									
4165-60-0	Nitrobenzene-d5	118			67 - 132	118%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.9			52 - 132	86%	SPK: 100		
1718-51-0	Terphenyl-d14	87.9			42 - 152	88%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	30500							
1146-65-2	Naphthalene-d8	123000							
15067-26-2	Acenaphthene-d10	99500							
1517-22-2	Phenanthrene-d10	227000							
1719-03-5	Chrysene-d12	290000							
1520-96-3	Perylene-d12	314000							

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