

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	
Project:	RFK Bridge RMB-Randall Island	Date Received:	
Client Sample ID:	PB168509BSD	SDG No.:	Q2333
Lab Sample ID:	PB168509BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP024990.D	1	06/17/25 09:25	06/18/25 11:58	PB168509

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	45.4		0.75	5.00	ug/L
83-32-9	Acenaphthene	45.0		0.55	5.00	ug/L
86-73-7	Fluorene	44.9		0.63	5.00	ug/L
85-01-8	Phenanthrene	46.2		0.50	5.00	ug/L
120-12-7	Anthracene	46.6		0.61	5.00	ug/L
206-44-0	Fluoranthene	45.7		0.82	5.00	ug/L
129-00-0	Pyrene	50.1		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	47.6		0.45	5.00	ug/L
218-01-9	Chrysene	46.0		0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	47.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	46.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.0		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	79.6		67 - 132	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		52 - 132	78%	SPK: 100
1718-51-0	Terphenyl-d14	85.9		42 - 152	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	300000		7.602		
1146-65-2	Naphthalene-d8	1170000		10.372		
15067-26-2	Acenaphthene-d10	733000		14.254		
1517-22-2	Phenanthrene-d10	1400000		17.066		
1719-03-5	Chrysene-d12	1370000		21.507		
1520-96-3	Perylene-d12	1570000		24.766		

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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