

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	
Project:	RFK Bridge	Date Received:	
Client Sample ID:	PB165296BSD	SDG No.:	P5021
Lab Sample ID:	PB165296BSD	Matrix:	Water
Analytical Method:	SW8270	% 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
BF140684.D	1	11/27/24 08:40	12/02/24 11:49	PB165296

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
208-96-8	Acenaphthylene	54.9		1.00	5.00	ug/L
83-32-9	Acenaphthene	52.4		0.81	5.00	ug/L
86-73-7	Fluorene	52.2		0.96	5.00	ug/L
85-01-8	Phenanthrene	53.2		0.89	5.00	ug/L
120-12-7	Anthracene	54.6		1.10	5.00	ug/L
206-44-0	Fluoranthene	46.8		1.30	5.00	ug/L
129-00-0	Pyrene	52.5		1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	56.0		0.94	5.00	ug/L
218-01-9	Chrysene	54.9		0.86	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	55.5		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	54.0		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	62.5		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.9		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.7		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	49.2		1.20	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	96.7		49 - 133	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.4		52 - 132	95%	SPK: 100
1718-51-0	Terphenyl-d14	101		48 - 125	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	80600	6.869			
1146-65-2	Naphthalene-d8	308000	8.151			
15067-26-2	Acenaphthene-d10	177000	9.91			
1517-22-2	Phenanthrene-d10	364000	11.398			
1719-03-5	Chrysene-d12	186000	14.057			
1520-96-3	Perylene-d12	166000	15.574			

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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