

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	06/13/25
Project:	RFK Bridge RMB-Randall Island	Date Received:	06/13/25
Client Sample ID:	TT172S1-20250613MSD	SDG No.:	Q2333
Lab Sample ID:	Q2329-12MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087119.D	1		06/19/25 17:52	VN061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	52.3		0.16	1.00	ug/L
71-43-2	Benzene	53.1		0.15	1.00	ug/L
108-88-3	Toluene	53.7		0.14	1.00	ug/L
100-41-4	Ethyl Benzene	52.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	2.00	ug/L
1330-20-7	Total Xylenes	166		0.36	3.00	ug/L
95-47-6	o-Xylene	55.9		0.12	1.00	ug/L
98-82-8	Isopropylbenzene	51.7		0.12	1.00	ug/L
103-65-1	n-propylbenzene	49.7		0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	51.1		0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	48.4		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	52.0		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	47.4		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	47.8		0.13	1.00	ug/L
104-51-8	n-Butylbenzene	42.8		0.15	1.00	ug/L
91-20-3	Naphthalene	50.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.7		74 - 125	89%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	45.9		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177000	8.23			
540-36-3	1,4-Difluorobenzene	324000	9.106			
3114-55-4	Chlorobenzene-d5	282000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	142000	13.788			

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	06/13/25
Project:	RFK Bridge RMB-Randall Island	Date Received:	06/13/25
Client Sample ID:	TT172S1-20250613MSD	SDG No.:	Q2333
Lab Sample ID:	Q2329-12MSD	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN087119.D	1		06/19/25 17:52	VN061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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