



Client:	LiRo Engineers, Inc.	Date Collected:	06/12/25
Project:	RFK Bridge RMB-Randall Island	Date Received:	06/13/25
Client Sample ID:	MW-12DL	SDG No.:	Q2333
Lab Sample ID:	Q2333-06DL	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
VN087116.D	10		06/19/25 16:49	VN061925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	10.0	UD	1.60	10.0	ug/L
71-43-2	Benzene	210	D	1.50	10.0	ug/L
108-88-3	Toluene	61.7	D	1.40	10.0	ug/L
100-41-4	Ethyl Benzene	780	D	1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	390	D	2.40	20.0	ug/L
1330-20-7	Total Xylenes	570	D	3.60	30.0	ug/L
95-47-6	o-Xylene	180	D	1.20	10.0	ug/L
98-82-8	Isopropylbenzene	23.2	D	1.20	10.0	ug/L
103-65-1	n-propylbenzene	47.7	D	1.30	10.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	5.10	JD	1.50	10.0	ug/L
98-06-6	tert-Butylbenzene	10.0	UD	1.40	10.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	500	D	1.40	10.0	ug/L
135-98-8	sec-Butylbenzene	3.10	JD	1.30	10.0	ug/L
99-87-6	p-Isopropyltoluene	2.80	JD	1.30	10.0	ug/L
104-51-8	n-Butylbenzene	4.00	JD	1.50	10.0	ug/L
91-20-3	Naphthalene	130	D	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	8.23			
540-36-3	1,4-Difluorobenzene	403000	9.106			
3114-55-4	Chlorobenzene-d5	361000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.788			



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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