

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-08DL	SDG No.:	Q3468
Lab Sample ID:	Q3468-02DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 mL	Test:	VOCMS Group1
	Level : LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
1634-04-4	Methyl tert-butyl Ether	5.00	UD	5	0.80	5.00	ug/L	10/29/25 12:21	VN102925
71-43-2	Benzene	190	D	5	0.75	5.00	ug/L	10/29/25 12:21	VN102925
108-88-3	Toluene	14.2	D	5	0.70	5.00	ug/L	10/29/25 12:21	VN102925
100-41-4	Ethyl Benzene	150	D	5	0.65	5.00	ug/L	10/29/25 12:21	VN102925
179601-23-1	m/p-Xylenes	500	D	5	1.20	10.0	ug/L	10/29/25 12:21	VN102925
1330-20-7	Total Xylenes	900	D	5	1.80	15.0	ug/L	10/29/25 12:21	VN102925
95-47-6	o-Xylene	400	D	5	0.60	5.00	ug/L	10/29/25 12:21	VN102925
98-82-8	Isopropylbenzene	15.0	D	5	0.60	5.00	ug/L	10/29/25 12:21	VN102925
103-65-1	n-propylbenzene	25.5	D	5	0.65	5.00	ug/L	10/29/25 12:21	VN102925
108-67-8	1,3,5-Trimethylbenzene	27.5	D	5	0.75	5.00	ug/L	10/29/25 12:21	VN102925
98-06-6	tert-Butylbenzene	5.00	UDQ5		0.70	5.00	ug/L	10/29/25 12:21	VN102925
95-63-6	1,2,4-Trimethylbenzene	580	D	5	0.70	5.00	ug/L	10/29/25 12:21	VN102925
135-98-8	sec-Butylbenzene	5.00	UD	5	0.65	5.00	ug/L	10/29/25 12:21	VN102925
99-87-6	p-Isopropyltoluene	2.40	JD	5	0.65	5.00	ug/L	10/29/25 12:21	VN102925
104-51-8	n-Butylbenzene	5.00	UD	5	0.75	5.00	ug/L	10/29/25 12:21	VN102925
91-20-3	Naphthalene	350	D	5	1.00	5.00	ug/L	10/29/25 12:21	VN102925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.8			74 - 125	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.6			75 - 124	95%	SPK: 50		
2037-26-5	Toluene-d8	45.2			86 - 113	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.1			77 - 121	102%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	214000							
540-36-3	1,4-Difluorobenzene	486000							
3114-55-4	Chlorobenzene-d5	458000							
3855-82-1	1,4-Dichlorobenzene-d4	232000							

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