

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-08	SDG No.:	Q3468
Lab Sample ID:	Q3468-02	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	1.00	U	1	0.16	1.00	ug/L	10/28/25 14:40	VN102825
71-43-2	Benzene	120		1	0.15	1.00	ug/L	10/28/25 14:40	VN102825
108-88-3	Toluene	9.50		1	0.14	1.00	ug/L	10/28/25 14:40	VN102825
100-41-4	Ethyl Benzene	100	Q	1	0.13	1.00	ug/L	10/28/25 14:40	VN102825
179601-23-1	m/p-Xylenes	310	E	1	0.24	2.00	ug/L	10/28/25 14:40	VN102825
1330-20-7	Total Xylenes	550		1	0.36	3.00	ug/L	10/28/25 14:40	VN102825
95-47-6	o-Xylene	240	EQ	1	0.12	1.00	ug/L	10/28/25 14:40	VN102825
98-82-8	Isopropylbenzene	10.6		1	0.12	1.00	ug/L	10/28/25 14:40	VN102825
103-65-1	n-propylbenzene	16.9		1	0.13	1.00	ug/L	10/28/25 14:40	VN102825
108-67-8	1,3,5-Trimethylbenzene	15.4		1	0.15	1.00	ug/L	10/28/25 14:40	VN102825
98-06-6	tert-Butylbenzene	1.00	U	1	0.14	1.00	ug/L	10/28/25 14:40	VN102825
95-63-6	1,2,4-Trimethylbenzene	350	E	1	0.14	1.00	ug/L	10/28/25 14:40	VN102825
135-98-8	sec-Butylbenzene	1.80		1	0.13	1.00	ug/L	10/28/25 14:40	VN102825
99-87-6	p-Isopropyltoluene	1.40		1	0.13	1.00	ug/L	10/28/25 14:40	VN102825
104-51-8	n-Butylbenzene	2.50		1	0.15	1.00	ug/L	10/28/25 14:40	VN102825
91-20-3	Naphthalene	210	E	1	0.20	1.00	ug/L	10/28/25 14:40	VN102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.4			74 - 125	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.3			75 - 124	97%	SPK: 50		
2037-26-5	Toluene-d8	46.7			86 - 113	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.4			77 - 121	111%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	281000							
540-36-3	1,4-Difluorobenzene	637000							
3114-55-4	Chlorobenzene-d5	622000							
3855-82-1	1,4-Dichlorobenzene-d4	313000							

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