Alliance TECHNICAL GROUP
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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-12	SDG No.:	Q3468
Lab Sample ID:	Q3468-06	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group1

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 13:59	VN102825
71-43-2	Benzene	180	E	1	0.15	1.00	ug/L	10/28/25 13:59	VN102825
108-88-3	Toluene	140		1	0.14	1.00	ug/L	10/28/25 13:59	VN102825
100-41-4	Ethyl Benzene	600	EQ	1	0.13	1.00	ug/L	10/28/25 13:59	VN102825
179601-23-1	m/p-Xylenes	330	E	1	0.24	2.00	ug/L	10/28/25 13:59	VN102825
1330-20-7	Total Xylenes	770		1	0.36	3.00	ug/L	10/28/25 13:59	VN102825
95-47-6	o-Xylene	440	EQ	1	0.12	1.00	ug/L	10/28/25 13:59	VN102825
98-82-8	Isopropylbenzene	16.0		1	0.12	1.00	ug/L	10/28/25 13:59	VN102825
103-65-1	n-propylbenzene	31.0		1	0.13	1.00	ug/L	10/28/25 13:59	VN102825
108-67-8	1,3,5-Trimethylbenzene	4.90		1	0.15	1.00	ug/L	10/28/25 13:59	VN102825
98-06-6	tert-Butylbenzene	1.00	U	1	0.14	1.00	ug/L	10/28/25 13:59	VN102825
95-63-6	1,2,4-Trimethylbenzene	390	E	1	0.14	1.00	ug/L	10/28/25 13:59	VN102825
135-98-8	sec-Butylbenzene	1.00	U	1	0.13	1.00	ug/L	10/28/25 13:59	VN102825
99-87-6	p-Isopropyltoluene	1.50		1	0.13	1.00	ug/L	10/28/25 13:59	VN102825
104-51-8	n-Butylbenzene	2.20		1	0.15	1.00	ug/L	10/28/25 13:59	VN102825
91-20-3	Naphthalene	180	E	1	0.20	1.00	ug/L	10/28/25 13:59	VN102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.2			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.0			75 - 124	92%	SPK: 50		
2037-26-5	Toluene-d8	44.7			86 - 113	89%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.6			77 - 121	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	239000							
540-36-3	1,4-Difluorobenzene	532000							
3114-55-4	Chlorobenzene-d5	512000							
3855-82-1	1,4-Dichlorobenzene-d4	250000							

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