Alliance TECHNICAL GROUP
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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	
Project:	RFK Bridge RMB-Randall Island	Date Received:	
Client Sample ID:	VN1029WBS01	SDG No.:	Q3468
Lab Sample ID:	VN1029WBS01	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	19.6		1	0.16	1.00	ug/L	10/29/25 11:27	VN102925
71-43-2	Benzene	19.2		1	0.15	1.00	ug/L	10/29/25 11:27	VN102925
108-88-3	Toluene	18.6		1	0.14	1.00	ug/L	10/29/25 11:27	VN102925
100-41-4	Ethyl Benzene	18.2		1	0.13	1.00	ug/L	10/29/25 11:27	VN102925
179601-23-1	m/p-Xylenes	35.7		1	0.24	2.00	ug/L	10/29/25 11:27	VN102925
1330-20-7	Total Xylenes	54.0		1	0.36	3.00	ug/L	10/29/25 11:27	VN102925
95-47-6	o-Xylene	18.3		1	0.12	1.00	ug/L	10/29/25 11:27	VN102925
98-82-8	Isopropylbenzene	17.1		1	0.12	1.00	ug/L	10/29/25 11:27	VN102925
103-65-1	n-propylbenzene	17.0		1	0.13	1.00	ug/L	10/29/25 11:27	VN102925
108-67-8	1,3,5-Trimethylbenzene	17.8		1	0.15	1.00	ug/L	10/29/25 11:27	VN102925
98-06-6	tert-Butylbenzene	16.2		1	0.14	1.00	ug/L	10/29/25 11:27	VN102925
95-63-6	1,2,4-Trimethylbenzene	17.8		1	0.14	1.00	ug/L	10/29/25 11:27	VN102925
135-98-8	sec-Butylbenzene	16.3		1	0.13	1.00	ug/L	10/29/25 11:27	VN102925
99-87-6	p-Isopropyltoluene	17.2		1	0.13	1.00	ug/L	10/29/25 11:27	VN102925
104-51-8	n-Butylbenzene	16.6		1	0.15	1.00	ug/L	10/29/25 11:27	VN102925
91-20-3	Naphthalene	17.3		1	0.20	1.00	ug/L	10/29/25 11:27	VN102925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.6			74 - 125	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.9			75 - 124	92%	SPK: 50		
2037-26-5	Toluene-d8	44.0			86 - 113	88%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.4			77 - 121	89%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	235000							
540-36-3	1,4-Difluorobenzene	450000							
3114-55-4	Chlorobenzene-d5	401000							
3855-82-1	1,4-Dichlorobenzene-d4	206000							

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