

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	11/26/24
Project:	RFK Bridge	Date Received:	11/27/24
Client Sample ID:	MW-12	SDG No.:	P5021
Lab Sample ID:	P5021-06	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044049.D	1		11/27/24 18:29	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	1.00	U	0.16	1.00	ug/L
71-43-2	Benzene	330	E	0.16	1.00	ug/L
108-88-3	Toluene	38.9		0.18	1.00	ug/L
100-41-4	Ethyl Benzene	760	E	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	250		0.31	2.00	ug/L
95-47-6	o-Xylene	100		0.14	1.00	ug/L
98-82-8	Isopropylbenzene	23.1		0.13	1.00	ug/L
103-65-1	n-propylbenzene	51.9		0.14	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.70		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	450	E	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	2.90		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	3.50		0.15	1.00	ug/L
104-51-8	n-Butylbenzene	4.80		0.22	1.00	ug/L
91-20-3	Naphthalene	250	EQ	0.59	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	46.4		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.55			
540-36-3	1,4-Difluorobenzene	218000	6.757			
3114-55-4	Chlorobenzene-d5	192000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	91200	12.018			

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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