

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	11/26/24
Project:	RFK Bridge	Date Received:	11/27/24
Client Sample ID:	MW-12DL	SDG No.:	P5021
Lab Sample ID:	P5021-06DL	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
VX044058.D	20		12/02/24 12:12	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1634-04-4	Methyl tert-butyl Ether	20.0	UD	3.20	20.0	ug/L
71-43-2	Benzene	270	D	3.20	20.0	ug/L
108-88-3	Toluene	30.0	D	3.60	20.0	ug/L
100-41-4	Ethyl Benzene	580	D	3.20	20.0	ug/L
179601-23-1	m/p-Xylenes	190	D	6.20	40.0	ug/L
95-47-6	o-Xylene	85.2	D	2.80	20.0	ug/L
98-82-8	Isopropylbenzene	18.6	JD	2.60	20.0	ug/L
103-65-1	n-propylbenzene	36.6	D	2.80	20.0	ug/L
108-67-8	1,3,5-Trimethylbenzene	20.0	UD	3.60	20.0	ug/L
98-06-6	tert-Butylbenzene	20.0	UD	3.40	20.0	ug/L
95-63-6	1,2,4-Trimethylbenzene	350	D	3.60	20.0	ug/L
135-98-8	sec-Butylbenzene	20.0	UD	3.40	20.0	ug/L
99-87-6	p-Isopropyltoluene	20.0	UD	3.00	20.0	ug/L
104-51-8	n-Butylbenzene	20.0	UD	4.40	20.0	ug/L
91-20-3	Naphthalene	180	D	11.8	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		75 - 124	93%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126000	5.544			
540-36-3	1,4-Difluorobenzene	245000	6.757			
3114-55-4	Chlorobenzene-d5	215000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	97900	12.018			



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A = Aldol-Condensation Reaction Products