



Hit Summary Sheet
SW-846

SDG No.: P1747
Client: LiRo Engineers, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :					0.000			
			Total Svoc :			0.00		
			Total Concentration:			0.00		

A
B
C
D

SAMPLE DATA

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	03/13/24
Project:	Walter Gladwin Recreation Center, Bronx, NY	Date Received:	03/13/24
Client Sample ID:	MW-01	SDG No.:	P1747
Lab Sample ID:	P1747-03	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
Prep Method :	3510C	GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF137615.D	1	03/14/24 11:40	03/15/24 18:08	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	41.9	*	60 - 140	42%	SPK: 100
13127-88-3	Phenol-d6	22.8	*	60 - 140	23%	SPK: 100
4165-60-0	Nitrobenzene-d5	87.3		60 - 140	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.6		60 - 140	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.9		60 - 140	99%	SPK: 100
1718-51-0	Terphenyl-d14	62.4		60 - 140	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000		6.722		
1146-65-2	Naphthalene-d8	481000		8.004		
15067-26-2	Acenaphthene-d10	272000		9.757		
1517-22-2	Phenanthrene-d10	476000		11.239		
1719-03-5	Chrysene-d12	380000		13.874		
1520-96-3	Perylene-d12	326000		15.298		

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

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	03/13/24
Project:	Walter Gladwin Recreation Center, Bronx, NY	Date Received:	03/13/24
Client Sample ID:	MW-01RE	SDG No.:	P1747
Lab Sample ID:	P1747-03RE	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
Prep Method :	3510C	GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044656.D	1	03/14/24 11:40	03/18/24 13:12	PB159613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.96	U	0.96	5.20	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	40.2	*	60 - 140	40%	SPK: 100
13127-88-3	Phenol-d6	22.4	*	60 - 140	22%	SPK: 100
4165-60-0	Nitrobenzene-d5	94.8		60 - 140	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.0		60 - 140	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.4		60 - 140	98%	SPK: 100
1718-51-0	Terphenyl-d14	84.2		60 - 140	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	203000		7.698		
1146-65-2	Naphthalene-d8	773000		10.475		
15067-26-2	Acenaphthene-d10	429000		14.339		
1517-22-2	Phenanthrene-d10	831000		17.098		
1719-03-5	Chrysene-d12	797000		21.297		
1520-96-3	Perylene-d12	944000		23.544		

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LAB CHRONICLE

OrderID:	P1747	OrderDate:	3/13/2024 12:28:00 PM
Client:	LiRo Engineers, Inc.	Project:	Walter Gladwin Recreation Center, Bronx, NY
Contact:	Steve Frank	Location:	I21,I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P1747-01	MW-01	Water	SVOC-TCL BNA -20	8270E	03/12/24	03/14/24	03/14/24	03/13/24
P1747-02	MW-01-DUP	Water	SVOC-TCL BNA -20	8270E	03/12/24	03/14/24	03/14/24	03/13/24
P1747-03	MW-01	Water	SVOC-NYCD	625.1	03/13/24	03/14/24	03/15/24	03/13/24
P1747-03RE	MW-01RE	Water	SVOC-NYCD	625.1	03/13/24	03/14/24	03/18/24	03/13/24
P1747-04	MW-02	Water	SVOC-TCL BNA -20	8270E	03/12/24	03/14/24	03/14/24	03/13/24
P1747-05	TWP-04	Water	SVOC-TCL BNA -20	8270E	03/12/24	03/14/24	03/14/24	03/13/24