CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	
Project:	Walter Gladwin Recreation Center, Bronx, NY	Date Received:	
Client Sample ID:	PB159586BSD	SDG No.:	P1747
Lab Sample ID:	PB159586BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060652.D	1	03/14/24 10:06	03/15/24 00:41	PB159586

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	47.5		4.00	10.0	ug/L
108-95-2	Phenol	49.9		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.0		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	50.6		0.71	5.00	ug/L
95-48-7	2-Methylphenol	45.1		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.8		1.40	5.00	ug/L
98-86-2	Acetophenone	42.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.3		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.50	ug/L
67-72-1	Hexachloroethane	45.3		1.00	5.00	ug/L
98-95-3	Nitrobenzene	43.5		1.30	5.00	ug/L
78-59-1	Isophorone	43.4		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	46.8		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	39.0		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	48.1		0.88	5.00	ug/L
91-20-3	Naphthalene	42.4		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	14.6		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.7		1.30	5.00	ug/L
105-60-2	Caprolactam	46.1		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	46.1		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.1		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	48.9		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	43.8		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	45.0		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.0		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	48.9		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	44.6		0.93	5.00	ug/L
208-96-8	Acenaphthylene	47.2		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	49.8		1.20	5.00	ug/L

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	28.9		1.40	5.00	ug/L
83-32-9	Acenaphthene	44.2		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	99.5	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	44.3		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	51.9		1.50	5.00	ug/L
84-66-2	Diethylphthalate	44.6		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.0		0.98	5.00	ug/L
86-73-7	Fluorene	44.9		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	46.1		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.1		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.1		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.7		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	45.1		1.10	5.00	ug/L
1912-24-9	Atrazine	40.4		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	88.7	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	43.0		0.89	5.00	ug/L
120-12-7	Anthracene	42.7		1.10	5.00	ug/L
86-74-8	Carbazole	43.8		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	44.6		1.50	5.00	ug/L
206-44-0	Fluoranthene	43.1		1.30	5.00	ug/L
129-00-0	Pyrene	44.2		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	47.8		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	32.7		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.6		0.94	5.00	ug/L
218-01-9	Chrysene	43.4		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.4		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.8		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	49.5		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	46.0		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.7		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.4		1.20	5.00	ug/L

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191-24-2	Benzo(g,h,i)perylene	47.4		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.8		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	33.1		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.5		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	144		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	136		10 - 134	91%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.3		49 - 133	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.1		52 - 132	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		32 - 145	92%	SPK: 150
1718-51-0	Terphenyl-d14	82.2		36 - 145	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	105000	8.324			
1146-65-2	Naphthalene-d8	498000	11.168			
15067-26-2	Acenaphthene-d10	317000	14.951			
1517-22-2	Phenanthrene-d10	690000	17.695			
1719-03-5	Chrysene-d12	597000	22.014			
1520-96-3	Perylene-d12	646000	25.568			

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