284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/19/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/19/24
Client Sample ID:	S-912-J-SO-0-0.5-081924	SDG No.:	P3671
Lab Sample ID:	P3671-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	30.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group5
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047316.D	1	08/21/24 08:50	08/22/24 14:31	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	260	U	260	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	1100	ug/Kg
67-72-1	Hexachloroethane	270	U	270	550	ug/Kg
98-95-3	Nitrobenzene	300	U	300	550	ug/Kg
91-20-3	Naphthalene	270	U	270	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	550	ug/Kg
132-64-9	Dibenzofuran	270	U	270	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	550	ug/Kg
86-73-7	Fluorene	280	U	280	550	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	550	ug/Kg
87-86-5	Pentachlorophenol	250	U	250	1100	ug/Kg
85-01-8	Phenanthrene	270	U	270	550	ug/Kg
120-12-7	Anthracene	270	U	270	550	ug/Kg
86-74-8	Carbazole	260	U	260	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	550	ug/Kg
206-44-0	Fluoranthene	270	U	270	550	ug/Kg
129-00-0	Pyrene	270	U	270	550	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	550	ug/Kg
218-01-9	Chrysene	260	U	260	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	550	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	300	U	300	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	550	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.8		30 (18) - 130 (112)	52%	SPK: 150
13127-88-3	Phenol-d6	75.0		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.4		30 (18) - 130 (107)	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.8		30 (20) - 130 (109)	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.5		30 (10) - 130 (116)	47%	SPK: 150
1718-51-0	Terphenyl-d14	30.7		30 (10) - 130 (105)	31%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.351			
1146-65-2	Naphthalene-d8	983000	10.104			
15067-26-2	Acenaphthene-d10	648000	14.01			
1517-22-2	Phenanthrene-d10	1390000	16.774			
1719-03-5	Chrysene-d12	1290000	21.015			
1520-96-3	Perylene-d12	1320000	23.709			

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