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-903-J-SO-0.5-1.0-081924	SDG No.:	P3671
Lab Sample ID:	P3671-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.8
Sample Wt/Vol:	30.01 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
BF139135.D	1	08/21/24 08:50	08/22/24 21:20	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	93.1	U	93.1	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.0	U	93.0	380	ug/Kg
67-72-1	Hexachloroethane	96.7	U	96.7	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	200	ug/Kg
91-20-3	Naphthalene	96.2	U	96.2	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.1	U	97.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	200	ug/Kg
132-64-9	Dibenzofuran	98.3	U	98.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	200	ug/Kg
118-74-1	Hexachlorobenzene	99.0	U	99.0	200	ug/Kg
87-86-5	Pentachlorophenol	90.1	U	90.1	380	ug/Kg
85-01-8	Phenanthrene	230		97.9	200	ug/Kg
120-12-7	Anthracene	98.3	U	98.3	200	ug/Kg
86-74-8	Carbazole	93.6	U	93.6	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	200	ug/Kg
206-44-0	Fluoranthene	510		95.2	200	ug/Kg
129-00-0	Pyrene	360		96.7	200	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	94.0	200	ug/Kg
218-01-9	Chrysene	210		92.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		94.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	96.2	200	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
50-32-8	Benzo(a)pyrene	200		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	91.0	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		93.3	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.9	U	96.9	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.6		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	96.1		30 (15) - 130 (107)	64%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.0		30 (18) - 130 (107)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.5		30 (20) - 130 (109)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		30 (10) - 130 (116)	76%	SPK: 150
1718-51-0	Terphenyl-d14	63.1		30 (10) - 130 (105)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	85200	6.898			
1146-65-2	Naphthalene-d8	280000	8.181			
15067-26-2	Acenaphthene-d10	127000	9.934			
1517-22-2	Phenanthrene-d10	218000	11.416			
1719-03-5	Chrysene-d12	158000	14.057			
1520-96-3	Perylene-d12	125000	15.533			

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