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:	SW8270ESIM	% Solid:	30.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN033573.D	1	08/21/24 09:38	08/23/24 04:06	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	13.2		2.20	10.8	ug/Kg
91-57-6	2-Methylnaphthalene	12.7		2.60	10.8	ug/Kg
208-96-8	Acenaphthylene	11.3		2.10	10.8	ug/Kg
83-32-9	Acenaphthene	5.90	J	1.80	10.8	ug/Kg
86-73-7	Fluorene	6.80	J	2.00	10.8	ug/Kg
85-01-8	Phenanthrene	100		2.10	10.8	ug/Kg
120-12-7	Anthracene	19.0		2.60	10.8	ug/Kg
206-44-0	Fluoranthene	220		2.20	10.8	ug/Kg
129-00-0	Pyrene	140		3.10	10.8	ug/Kg
56-55-3	Benzo(a)anthracene	83.8		2.50	10.8	ug/Kg
218-01-9	Chrysene	100		2.80	10.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		3.90	10.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	44.0		3.20	10.8	ug/Kg
50-32-8	Benzo(a)pyrene	96.1		5.40	10.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.9		4.10	10.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16.0		3.80	10.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.7		3.70	10.8	ug/Kg
123-91-1	1,4-Dioxane	7.20	U	7.20	21.5	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.19		30 (17) - 150 (161)	47%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.13		30 (23) - 150 (138)	32%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.27		30 (33) - 130 (121)	68%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.17		30 (32) - 130 (121)	43%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.097	*	30 (21) - 130 (130)	24%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7670	7.545			
1146-65-2	Naphthalene-d8	19700	10.304			
15067-26-2	Acenaphthene-d10	9700	14.178			
1517-22-2	Phenanthrene-d10	20200	16.929			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	18800	21.139			
1520-96-3	Perylene-d12	20300	23.3			

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