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-0.5-1.0-081924DL	SDG No.:	P3671
Lab Sample ID:	P3671-12DL	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	85.8
Sample Wt/Vol:	30.08 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
BN033610.D	10	08/21/24 09:38	08/24/24 04:08	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	8.00	UD	8.00	38.4	ug/Kg
91-57-6	2-Methylnaphthalene	9.30	UD	9.30	38.4	ug/Kg
208-96-8	Acenaphthylene	7.30	UD	7.30	38.4	ug/Kg
83-32-9	Acenaphthene	28.3	JD	6.40	38.4	ug/Kg
86-73-7	Fluorene	27.5	JD	7.00	38.4	ug/Kg
85-01-8	Phenanthrene	450	D	7.30	38.4	ug/Kg
120-12-7	Anthracene	79.8	D	9.20	38.4	ug/Kg
206-44-0	Fluoranthene	850	D	7.80	38.4	ug/Kg
129-00-0	Pyrene	570	D	11.0	38.4	ug/Kg
56-55-3	Benzo(a)anthracene	340	D	8.80	38.4	ug/Kg
218-01-9	Chrysene	370	D	10.0	38.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	460	D	13.8	38.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	11.4	38.4	ug/Kg
50-32-8	Benzo(a)pyrene	370	D	19.3	38.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	D	14.6	38.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.1	D	13.6	38.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	D	13.3	38.4	ug/Kg
123-91-1	1,4-Dioxane	25.8	UD	25.8	76.7	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.17		30 (17) - 150 (161)	43%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.17		30 (23) - 150 (138)	43%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.21		30 (33) - 130 (121)	52%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.17		30 (32) - 130 (121)	43%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.15		30 (21) - 130 (130)	38%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7890	7.545			
1146-65-2	Naphthalene-d8	20900	10.304			
15067-26-2	Acenaphthene-d10	10000	14.178			
1517-22-2	Phenanthrene-d10	19300	16.929			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	16100	21.139			
1520-96-3	Perylene-d12	17600	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