Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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-905-KJ-SO-0-0.5-081924-FD	SDG No.:	P3671
Lab Sample ID:	P3671-07	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	76.6
Sample Wt/Vol:	30.01 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
BN033574.D	1	08/21/24 09:38	08/23/24 04:42	PB162880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2.10	J	0.90	4.30	ug/Kg
91-57-6	2-Methylnaphthalene	1.50	J	1.00	4.30	ug/Kg
208-96-8	Acenaphthylene	3.20	J	0.82	4.30	ug/Kg
83-32-9	Acenaphthene	24.9		0.72	4.30	ug/Kg
86-73-7	Fluorene	22.4		0.78	4.30	ug/Kg
85-01-8	Phenanthrene	400	E	0.82	4.30	ug/Kg
120-12-7	Anthracene	130		1.00	4.30	ug/Kg
206-44-0	Fluoranthene	1300	E	0.87	4.30	ug/Kg
129-00-0	Pyrene	710	E	1.20	4.30	ug/Kg
56-55-3	Benzo(a)anthracene	710	E	0.99	4.30	ug/Kg
218-01-9	Chrysene	630	E	1.10	4.30	ug/Kg
205-99-2	Benzo(b)fluoranthene	750	E	1.60	4.30	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	E	1.30	4.30	ug/Kg
50-32-8	Benzo(a)pyrene	650	E	2.20	4.30	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	E	1.60	4.30	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.5		1.50	4.30	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290	E	1.50	4.30	ug/Kg
123-91-1	1,4-Dioxane	2.90	U	2.90	8.60	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.17		30 (17) - 150 (161)	43%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.14		30 (23) - 150 (138)	34%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.24		30 (33) - 130 (121)	60%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.16		30 (32) - 130 (121)	41%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.096	*	30 (21) - 130 (130)	24%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	8060	7.545			
1146-65-2	Naphthalene-d8	20800	10.304			
15067-26-2	Acenaphthene-d10	10000	14.178			
1517-22-2	Phenanthrene-d10	20000	16.929			

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1719-03-5	Chrysene-d12	22000	21.139			
1520-96-3	Perylene-d12	22900	23.303			

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