

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-928-K1-SO-0.5-1-081924MS	SDG No.:	P3671
Lab Sample ID:	P3671-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	57.2
Sample Wt/Vol:	30.07 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
BM047318.D	1	08/21/24 08:50	08/22/24 15:50	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	2000		140	300	ug/Kg
100-52-7	Benzaldehyde	1700		320	580	ug/Kg
95-48-7	2-Methylphenol	2700		140	300	ug/Kg
98-86-2	Acetophenone	2500		150	300	ug/Kg
65794-96-9	3+4-Methylphenols	2700		140	580	ug/Kg
98-95-3	Nitrobenzene	2500		160	300	ug/Kg
120-83-2	2,4-Dichlorophenol	3000		130	300	ug/Kg
91-20-3	Naphthalene	2600		140	300	ug/Kg
91-57-6	2-Methylnaphthalene	2700		140	300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3000		120	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2900		130	300	ug/Kg
208-96-8	Acenaphthylene	2800		150	300	ug/Kg
83-32-9	Acenaphthene	2700		140	300	ug/Kg
132-64-9	Dibenzofuran	2700		150	300	ug/Kg
86-73-7	Fluorene	2600		150	300	ug/Kg
118-74-1	Hexachlorobenzene	2800		150	300	ug/Kg
87-86-5	Pentachlorophenol	5500	E	130	580	ug/Kg
85-01-8	Phenanthrene	2700		150	300	ug/Kg
86-74-8	Carbazole	2700		140	300	ug/Kg
84-74-2	Di-n-butylphthalate	2700		150	300	ug/Kg
206-44-0	Fluoranthene	2700		140	300	ug/Kg
129-00-0	Pyrene	2800		140	300	ug/Kg
56-55-3	Benzo(a)anthracene	2800		140	300	ug/Kg
218-01-9	Chrysene	2800		140	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		160	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		140	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		140	300	ug/Kg
50-32-8	Benzo(a)pyrene	2900		160	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600		140	300	ug/Kg

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53-70-3	Dibenzo(a,h)anthracene	2500		140	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		140	300	ug/Kg
123-91-1	1,4-Dioxane	2200		190	300	ug/Kg
90-12-0	1-Methylnaphthalene	2500		150	300	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.6		30 (18) - 130 (112)	60%	SPK: 150
13127-88-3	Phenol-d6	87.3		30 (15) - 130 (107)	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.4		30 (18) - 130 (107)	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.6		30 (20) - 130 (109)	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.6		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	56.3		30 (10) - 130 (105)	56%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	265000	7.352			
1146-65-2	Naphthalene-d8	1030000	10.11			
15067-26-2	Acenaphthene-d10	688000	14.016			
1517-22-2	Phenanthrene-d10	1450000	16.78			
1719-03-5	Chrysene-d12	1250000	21.021			
1520-96-3	Perylene-d12	1330000	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