

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:	SW8270	% Solid:	76.6
Sample Wt/Vol:	30.08 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
BP021612.D	1	08/21/24 08:50	08/22/24 13:39	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	100	U	100	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
98-86-2	Acetophenone	110	U	110	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	430	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.3	U	98.3	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.0	U	93.0	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	220	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	430	ug/Kg
85-01-8	Phenanthrene	290		110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	820		110	220	ug/Kg
129-00-0	Pyrene	710		110	220	ug/Kg
56-55-3	Benzo(a)anthracene	540		110	220	ug/Kg
218-01-9	Chrysene	500		100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		110	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	110	220	ug/Kg
50-32-8	Benzo(a)pyrene	530		120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		100	220	ug/Kg

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53-70-3	Dibenzo(a,h)anthracene	110	U	110	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		100	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.0		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	84.0		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.8		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.1		30 (20) - 130 (109)	38%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.8		30 (10) - 130 (116)	62%	SPK: 150
1718-51-0	Terphenyl-d14	40.0		30 (10) - 130 (105)	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	345000	7.799			
1146-65-2	Naphthalene-d8	1400000	10.587			
15067-26-2	Acenaphthene-d10	909000	14.451			
1517-22-2	Phenanthrene-d10	1940000	17.245			
1719-03-5	Chrysene-d12	1920000	21.716			
1520-96-3	Perylene-d12	2250000	25.139			

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