

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162876BL	SDG No.:	P3671
Lab Sample ID:	PB162876BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.02 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
BM047309.D	1	08/21/24 08:50	08/22/24 09:54	PB162876

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
110-86-1	Pyridine	79.8	U	79.8	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	330	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	170	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	170	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74.0	U	74.0	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	170	ug/Kg
83-32-9	Acenaphthene	81.0	U	81.0	170	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	170	ug/Kg
87-86-5	Pentachlorophenol	77.2	U	77.2	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	170	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	170	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.0	U	81.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.0	U	78.0	170	ug/Kg

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53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.0	U	80.0	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	120		30 (18) - 130 (112)	80%	SPK: 150
13127-88-3	Phenol-d6	111		30 (15) - 130 (107)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.6		30 (18) - 130 (107)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		30 (20) - 130 (109)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		30 (10) - 130 (116)	90%	SPK: 150
1718-51-0	Terphenyl-d14	92.6		30 (10) - 130 (105)	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	282000	7.351			
1146-65-2	Naphthalene-d8	1080000	10.104			
15067-26-2	Acenaphthene-d10	756000	14.01			
1517-22-2	Phenanthrene-d10	1700000	16.774			
1719-03-5	Chrysene-d12	1660000	21.015			
1520-96-3	Perylene-d12	1650000	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