

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162757BS	SDG No.:	P3609
Lab Sample ID:	PB162757BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047250.D	1	08/15/24 08:23	08/19/24 13:01	PB162757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	29.0		1.60	5.00	ug/L
100-52-7	Benzaldehyde	16.9		4.00	10.0	ug/L
95-48-7	2-Methylphenol	49.9		1.10	5.00	ug/L
98-86-2	Acetophenone	39.3		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	49.6		1.20	10.0	ug/L
98-95-3	Nitrobenzene	41.1		1.30	5.00	ug/L
120-83-2	2,4-Dichlorophenol	53.1		0.88	5.00	ug/L
91-20-3	Naphthalene	43.6		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.7		1.30	5.00	ug/L
91-57-6	2-Methylnaphthalene	45.4		1.10	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	49.9		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	47.2		1.00	5.00	ug/L
208-96-8	Acenaphthylene	47.6		1.00	5.00	ug/L
83-32-9	Acenaphthene	43.1		0.81	5.00	ug/L
132-64-9	Dibenzofuran	45.4		0.93	5.00	ug/L
86-73-7	Fluorene	45.1		0.96	5.00	ug/L
118-74-1	Hexachlorobenzene	44.7		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	91.2	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	45.8		0.89	5.00	ug/L
86-74-8	Carbazole	45.9		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.3		1.50	5.00	ug/L
206-44-0	Fluoranthene	47.7		1.30	5.00	ug/L
129-00-0	Pyrene	44.0		1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	47.3		0.94	5.00	ug/L
218-01-9	Chrysene	46.2		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.3		1.90	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	47.8		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.9		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.1		1.70	5.00	ug/L

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193-39-5	Indeno(1,2,3-cd)pyrene	52.5		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.5		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.7		1.20	5.00	ug/L
123-91-1	1,4-Dioxane	26.1		1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	42.9		0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	131		15 (10) - 110 (134)	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.7		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		15 (44) - 110 (137)	94%	SPK: 150
1718-51-0	Terphenyl-d14	95.4		30 (48) - 130 (125)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	201000	7.363			
1146-65-2	Naphthalene-d8	840000	10.122			
15067-26-2	Acenaphthene-d10	602000	14.027			
1517-22-2	Phenanthrene-d10	1360000	16.792			
1719-03-5	Chrysene-d12	1330000	21.039			
1520-96-3	Perylene-d12	1610000	23.738			

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