284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BL	SDG No.:	P3645
Lab Sample ID:	PB162788BL	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
BP021593.D	1	08/16/24 10:33	08/21/24 10:52	PB162788

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

Alliance TECHNICAL GROUP
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193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	115		15 (10) - 110 (134)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.2		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	80.5		30 (48) - 130 (125)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	378000	7.805			
1146-65-2	Naphthalene-d8	1460000	10.593			
15067-26-2	Acenaphthene-d10	911000	14.451			
1517-22-2	Phenanthrene-d10	2060000	17.263			
1719-03-5	Chrysene-d12	2130000	21.722			
1520-96-3	Perylene-d12	2480000	25.168			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	2.30	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.70	A		4.94	ug/L

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