

Report of Analysis

Client:	Weston Solutions		Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	
Client Sample ID:	PB166363BSD		SDG No.:	Q1211
Lab Sample ID:	PB166363BSD		Matrix:	Water
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOC-TCL BNA -20
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
BF141327.D	1	01/30/25 08:15	01/31/25 12:54	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	49.2		4.00	8.00	10.0	ug/L
108-95-2	Phenol	38.2		0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.5		1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	39.9		0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	39.7		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.6		1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	41.1		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	38.5		1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.6		1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	37.2		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	36.2		1.30	4.00	5.00	ug/L
78-59-1	Isophorone	39.6		1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	39.6		2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	49.4		1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	38.6		0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	36.3		1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	12.5		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	35.5		1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	44.7		1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.1		0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	36.3		1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	39.6		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	38.4		1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	41.3		0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	35.9		0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	39.8		1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	39.2		0.93	4.00	5.00	ug/L

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208-96-8	Acenaphthylene	40.3		1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	38.2		1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	19.9		1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	42.2		0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	98.3	E	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	90.4	E	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	37.9		0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	39.8		1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	38.6		1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.3		0.98	4.00	5.00	ug/L
86-73-7	Fluorene	37.9		0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	39.2		2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.4		3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	39.8		0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.2		0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	38.9		1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	45.8		1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	84.7	E	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	39.8		0.89	4.00	5.00	ug/L
120-12-7	Anthracene	41.6		1.10	4.00	5.00	ug/L
86-74-8	Carbazole	41.0		1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.7		1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	40.9		1.30	4.00	5.00	ug/L
129-00-0	Pyrene	37.0		1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.3		2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	18.9		1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	36.7		0.94	4.00	5.00	ug/L
218-01-9	Chrysene	39.9		0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.5		1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	42.8		2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		1.10	4.00	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	42.3		1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.8		1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.2		1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.7		1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	38.3		1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.6		1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	35.8		1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.3		0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118		19 - 119		78%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.1		44 - 120		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		44 - 119		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		43 - 140		84%	SPK: 150
1718-51-0	Terphenyl-d14	83.2		50 - 134		83%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.798				
1146-65-2	Naphthalene-d8	656000	8.081				
15067-26-2	Acenaphthene-d10	353000	9.839				
1517-22-2	Phenanthrene-d10	594000	11.328				
1719-03-5	Chrysene-d12	373000	13.969				
1520-96-3	Perylene-d12	322000	15.427				

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