

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062		Date Received:	
Client Sample ID:	PB152548BL		SDG No.:	O2505
Lab Sample ID:	PB152548BL		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.03	Units: g	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 :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF133204.D	1	05/03/23 09:10	05/03/23 13:29	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	150	U	150	330	ug/Kg
108-95-2	Phenol	74.3	U	74.3	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	170	ug/Kg
95-57-8	2-Chlorophenol	71.9	U	71.9	170	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58.9	U	58.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.5	U	73.5	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	170	ug/Kg
78-59-1	Isophorone	68.0	U	68.0	170	ug/Kg
88-75-5	2-Nitrophenol	95.0	U	95.0	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.0	U	78.0	170	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	170	ug/Kg
105-60-2	Caprolactam	120	U	120	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.0	U	77.0	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	170	ug/Kg

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99-09-2	3-Nitroaniline	93.3	U	93.3	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	76.8	U	76.8	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	170	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	170	ug/Kg
120-12-7	Anthracene	100	U	100	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	170	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.8	U	83.8	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.2	U	80.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.0	U	88.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	170	ug/Kg

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191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	119		30 (18) - 130 (112)	79%	SPK: 150
13127-88-3	Phenol-d6	116		30 (21) - 130 (104)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.4		30 (27) - 130 (109)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.6		30 (30) - 130 (103)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	106		30 (10) - 130 (121)	71%	SPK: 150
1718-51-0	Terphenyl-d14	67.5		30 (21) - 130 (107)	68%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	232000	6.728
1146-65-2	Naphthalene-d8	995000	8.016
15067-26-2	Acenaphthene-d10	533000	9.769
1517-22-2	Phenanthrene-d10	965000	11.245
1719-03-5	Chrysene-d12	683000	13.88
1520-96-3	Perylene-d12	596000	15.304

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1600	A		4.94	ug/Kg
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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