

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	04/25/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	04/26/23
Client Sample ID:	WO-4	SDG No.:	O2505
Lab Sample ID:	O2505-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	49.2
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
BF133324.D	10	05/03/23 09:10	05/09/23 18:46	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	3000	U	3000	6700	ug/Kg
108-95-2	Phenol	1500	U	1500	3500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800	U	1800	3500	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	3500	ug/Kg
95-48-7	2-Methylphenol	2300	U	2300	3500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100	U	2100	3500	ug/Kg
98-86-2	Acetophenone	1800	U	1800	3500	ug/Kg
65794-96-9	3+4-Methylphenols	2200	U	2200	6700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200	U	1200	1600	ug/Kg
67-72-1	Hexachloroethane	1500	U	1500	3500	ug/Kg
98-95-3	Nitrobenzene	1500	U	1500	3500	ug/Kg
78-59-1	Isophorone	1400	U	1400	3500	ug/Kg
88-75-5	2-Nitrophenol	1900	U	1900	3500	ug/Kg
105-67-9	2,4-Dimethylphenol	2000	U	2000	3500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2300	U	2300	3500	ug/Kg
120-83-2	2,4-Dichlorophenol	1600	U	1600	3500	ug/Kg
91-20-3	Naphthalene	1700	U	1700	3500	ug/Kg
106-47-8	4-Chloroaniline	2100	UQ	2100	3500	ug/Kg
87-68-3	Hexachlorobutadiene	1700	U	1700	3500	ug/Kg
105-60-2	Caprolactam	2400	U	2400	6700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700	U	1700	3500	ug/Kg
91-57-6	2-Methylnaphthalene	1900	U	1900	3500	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	U	4300	6700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	3500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	3500	ug/Kg
92-52-4	1,1-Biphenyl	1900	U	1900	3500	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	3500	ug/Kg
88-74-4	2-Nitroaniline	2000	U	2000	3500	ug/Kg
131-11-3	Dimethylphthalate	1800	U	1800	3500	ug/Kg
208-96-8	Acenaphthylene	1800	U	1800	3500	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800	U	1800	3500	ug/Kg

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99-09-2	3-Nitroaniline	1900	UQ	1900	3500	ug/Kg
83-32-9	Acenaphthene	1600	U	1600	3500	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	U	3700	6700	ug/Kg
100-02-7	4-Nitrophenol	2300	U	2300	6700	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	3500	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000	U	2000	3500	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	3500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	3500	ug/Kg
86-73-7	Fluorene	1700	U	1700	3500	ug/Kg
100-01-6	4-Nitroaniline	2100	U	2100	3500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800	U	1800	6700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900	U	1900	3500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000	U	2000	3500	ug/Kg
118-74-1	Hexachlorobenzene	2000	U	2000	3500	ug/Kg
1912-24-9	Atrazine	1900	U	1900	3500	ug/Kg
87-86-5	Pentachlorophenol	2300	U	2300	6700	ug/Kg
85-01-8	Phenanthrene	1900	U	1900	3500	ug/Kg
120-12-7	Anthracene	2100	U	2100	3500	ug/Kg
86-74-8	Carbazole	1700	U	1700	3500	ug/Kg
84-74-2	Di-n-butylphthalate	2100	U	2100	3500	ug/Kg
206-44-0	Fluoranthene	1900	U	1900	3500	ug/Kg
129-00-0	Pyrene	1700	U	1700	3500	ug/Kg
85-68-7	Butylbenzylphthalate	2100	U	2100	3500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300	U	3300	6700	ug/Kg
56-55-3	Benzo(a)anthracene	1700	U	1700	3500	ug/Kg
218-01-9	Chrysene	1800	U	1800	3500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300	U	2300	3500	ug/Kg
117-84-0	Di-n-octyl phthalate	2500	U	2500	6700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	3500	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800	U	1800	3500	ug/Kg
50-32-8	Benzo(a)pyrene	1900	U	1900	3500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U	2200	3500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000	U	2000	3500	ug/Kg

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Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
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BF133324.D	10	05/03/23 09:10	05/09/23 18:46	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1900	U	1900	3500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	3500	ug/Kg
123-91-1	1,4-Dioxane	2400	U	2400	3500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700	U	1700	3500	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	62.3		30 (18) - 130 (112)	42%	SPK: 150
13127-88-3	Phenol-d6	59.0		30 (21) - 130 (104)	39%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.5		30 (27) - 130 (109)	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.8		30 (30) - 130 (103)	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	47.2		30 (10) - 130 (121)	31%	SPK: 150
1718-51-0	Terphenyl-d14	40.2		30 (21) - 130 (107)	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	207000	6.722			
1146-65-2	Naphthalene-d8	781000	8.004			
15067-26-2	Acenaphthene-d10	355000	9.757			
1517-22-2	Phenanthrene-d10	545000	11.239			
1719-03-5	Chrysene-d12	373000	13.886			
1520-96-3	Perylene-d12	272000	15.321			
TENTATIVE IDENTIFIED COMPOUNDS						
1000375-53-5	Borneol, heptafluorobutyrate	2200	J		8.36	ug/Kg
000057-10-3	n-Hexadecanoic acid	2300	J		11.8	ug/Kg

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

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Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	04/26/23
Client Sample ID:	WO-5	SDG No.:	O2505
Lab Sample ID:	O2505-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48.2
Sample Wt/Vol:	30.08 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 :
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BF133323.D	5	05/03/23 09:10	05/09/23 18:15	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1500	U	1500	3400	ug/Kg
108-95-2	Phenol	770	U	770	1800	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930	U	930	1800	ug/Kg
95-57-8	2-Chlorophenol	740	U	740	1800	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	1800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100	U	1100	1800	ug/Kg
98-86-2	Acetophenone	900	U	900	1800	ug/Kg
65794-96-9	3+4-Methylphenols	1100	U	1100	3400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	610	U	610	830	ug/Kg
67-72-1	Hexachloroethane	760	U	760	1800	ug/Kg
98-95-3	Nitrobenzene	780	U	780	1800	ug/Kg
78-59-1	Isophorone	700	U	700	1800	ug/Kg
88-75-5	2-Nitrophenol	980	U	980	1800	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1800	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200	U	1200	1800	ug/Kg
120-83-2	2,4-Dichlorophenol	810	U	810	1800	ug/Kg
91-20-3	Naphthalene	840	U	840	1800	ug/Kg
106-47-8	4-Chloroaniline	1100	UQ	1100	1800	ug/Kg
87-68-3	Hexachlorobutadiene	870	U	870	1800	ug/Kg
105-60-2	Caprolactam	1200	U	1200	3400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850	U	850	1800	ug/Kg
91-57-6	2-Methylnaphthalene	980	U	980	1800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	U	2200	3400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	800	U	800	1800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910	U	910	1800	ug/Kg
92-52-4	1,1-Biphenyl	940	U	940	1800	ug/Kg
91-58-7	2-Chloronaphthalene	880	U	880	1800	ug/Kg
88-74-4	2-Nitroaniline	1000	U	1000	1800	ug/Kg
131-11-3	Dimethylphthalate	920	U	920	1800	ug/Kg
208-96-8	Acenaphthylene	910	U	910	1800	ug/Kg
606-20-2	2,6-Dinitrotoluene	930	U	930	1800	ug/Kg

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Client Sample ID:	WO-5	SDG No.:	O2505
Lab Sample ID:	O2505-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	970	UQ	970	1800	ug/Kg
83-32-9	Acenaphthene	830	U	830	1800	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	U	1900	3400	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	3400	ug/Kg
132-64-9	Dibenzofuran	800	U	800	1800	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1800	ug/Kg
84-66-2	Diethylphthalate	890	U	890	1800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940	U	940	1800	ug/Kg
86-73-7	Fluorene	880	U	880	1800	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	1800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910	U	910	3400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	970	U	970	1800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	1800	ug/Kg
118-74-1	Hexachlorobenzene	1000	U	1000	1800	ug/Kg
1912-24-9	Atrazine	990	U	990	1800	ug/Kg
87-86-5	Pentachlorophenol	1100	U	1100	3400	ug/Kg
85-01-8	Phenanthrene	960	U	960	1800	ug/Kg
120-12-7	Anthracene	1100	U	1100	1800	ug/Kg
86-74-8	Carbazole	880	U	880	1800	ug/Kg
84-74-2	Di-n-butylphthalate	1100	U	1100	1800	ug/Kg
206-44-0	Fluoranthene	980	U	980	1800	ug/Kg
129-00-0	Pyrene	870	U	870	1800	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	3400	ug/Kg
56-55-3	Benzo(a)anthracene	870	U	870	1800	ug/Kg
218-01-9	Chrysene	900	U	900	1800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1800	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3400	ug/Kg
205-99-2	Benzo(b)fluoranthene	830	U	830	1800	ug/Kg
207-08-9	Benzo(k)fluoranthene	910	U	910	1800	ug/Kg
50-32-8	Benzo(a)pyrene	980	U	980	1800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000	U	1000	1800	ug/Kg

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Lab Sample ID:	O2505-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	48.2
Sample Wt/Vol:	30.08 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 :
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1200	J	960	1800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	920	U	920	1800	ug/Kg
123-91-1	1,4-Dioxane	1200	U	1200	1800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860	U	860	1800	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	81.3		30 (18) - 130 (112)	54%	SPK: 150
13127-88-3	Phenol-d6	78.7		30 (21) - 130 (104)	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.4		30 (27) - 130 (109)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.4		30 (30) - 130 (103)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.5		30 (10) - 130 (121)	43%	SPK: 150
1718-51-0	Terphenyl-d14	85.6		30 (21) - 130 (107)	86%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	203000	6.722
1146-65-2	Naphthalene-d8	751000	8.004
15067-26-2	Acenaphthene-d10	324000	9.757
1517-22-2	Phenanthrene-d10	522000	11.239
1719-03-5	Chrysene-d12	201000	13.904
1520-96-3	Perylene-d12	215000	15.351

TENTATIVE IDENTIFIED COMPOUNDS

062238-01-1	Decane, 2,2,8-trimethyl-	990	J	6.22	ug/Kg
000108-67-8	Mesitylene	1200	J	6.54	ug/Kg
000629-78-7	Heptadecane	1000	J	6.85	ug/Kg
062108-31-0	Heptane, 4-ethyl-2,2,6,6-tetrameth	1200	J	7.00	ug/Kg
000527-84-4	o-Cymene	710	J	7.04	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	790	J	7.52	ug/Kg
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	1600	J	7.75	ug/Kg
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	730	J	7.83	ug/Kg
000091-57-6	Naphthalene, 2-methyl-	820	J	8.72	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	1100	J	8.82	ug/Kg
000629-80-1	Hexadecanal	830	J	9.23	ug/Kg
017312-81-1	Undecane, 3,5-dimethyl-	750	J	9.86	ug/Kg
000119-61-9	Benzophenone	1200	J	10.5	ug/Kg

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Lab Sample ID:	O2505-05	Matrix:	SOIL
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Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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000544-63-8	Tetradecanoic acid	1300	J		10.9	ug/Kg
000629-73-2	Cetene	2200	J		11.1	ug/Kg
000057-10-3	n-Hexadecanoic acid	6500	J		11.8	ug/Kg
000057-11-4	Octadecanoic acid	6900	J		12.6	ug/Kg

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

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J = Estimated Value

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Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	05/02/23
Client Sample ID:	CF-24MS	SDG No.:	O2505
Lab Sample ID:	O2583-04MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.1
Sample Wt/Vol:	30.1 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
BF133210.D	1	05/03/23 09:10	05/03/23 16:43	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2400		170	390	ug/Kg
108-95-2	Phenol	1900		87.1	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		110	200	ug/Kg
95-57-8	2-Chlorophenol	2100		84.3	200	ug/Kg
95-48-7	2-Methylphenol	1900		130	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		120	200	ug/Kg
98-86-2	Acetophenone	1900		100	200	ug/Kg
65794-96-9	3+4-Methylphenols	1800		130	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		69.1	93.7	ug/Kg
67-72-1	Hexachloroethane	2000		86.2	200	ug/Kg
98-95-3	Nitrobenzene	1800		88.1	200	ug/Kg
78-59-1	Isophorone	1800		79.8	200	ug/Kg
88-75-5	2-Nitrophenol	1900		110	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		120	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		130	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		91.5	200	ug/Kg
91-20-3	Naphthalene	1800		95.3	200	ug/Kg
106-47-8	4-Chloroaniline	910		120	200	ug/Kg
87-68-3	Hexachlorobutadiene	1900		98.4	200	ug/Kg
105-60-2	Caprolactam	1600		140	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		96.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	1800		110	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800		250	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		90.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		100	200	ug/Kg
92-52-4	1,1-Biphenyl	1800		110	200	ug/Kg
91-58-7	2-Chloronaphthalene	1900		99.1	200	ug/Kg
88-74-4	2-Nitroaniline	1900		120	200	ug/Kg
131-11-3	Dimethylphthalate	1900		100	200	ug/Kg
208-96-8	Acenaphthylene	1800		100	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		110	200	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	05/02/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	05/02/23
Client Sample ID:	CF-24MS	SDG No.:	O2505
Lab Sample ID:	O2583-04MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.1
Sample Wt/Vol:	30.1 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
BF133210.D	1	05/03/23 09:10	05/03/23 16:43	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	1400		110	200	ug/Kg
83-32-9	Acenaphthene	1700		94.0	200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	390	ug/Kg
100-02-7	4-Nitrophenol	2000		130	390	ug/Kg
132-64-9	Dibenzofuran	1800		90.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		120	200	ug/Kg
84-66-2	Diethylphthalate	1900		100	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		110	200	ug/Kg
86-73-7	Fluorene	1800		99.3	200	ug/Kg
100-01-6	4-Nitroaniline	2000		120	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		110	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		110	200	ug/Kg
118-74-1	Hexachlorobenzene	2000		120	200	ug/Kg
1912-24-9	Atrazine	2200		110	200	ug/Kg
87-86-5	Pentachlorophenol	380	J	130	390	ug/Kg
85-01-8	Phenanthrene	1800		110	200	ug/Kg
120-12-7	Anthracene	1800		120	200	ug/Kg
86-74-8	Carbazole	1800		99.4	200	ug/Kg
84-74-2	Di-n-butylphthalate	2000		120	200	ug/Kg
206-44-0	Fluoranthene	1500		110	200	ug/Kg
129-00-0	Pyrene	2000		98.0	200	ug/Kg
85-68-7	Butylbenzylphthalate	2400		120	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		190	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		98.3	200	ug/Kg
218-01-9	Chrysene	1900		100	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		130	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		140	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		94.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		100	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		130	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		110	200	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	05/02/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	05/02/23
Client Sample ID:	CF-24MS	SDG No.:	O2505
Lab Sample ID:	O2583-04MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.1
Sample Wt/Vol:	30.1 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
BF133210.D	1	05/03/23 09:10	05/03/23 16:43	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1700		110	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		100	200	ug/Kg
123-91-1	1,4-Dioxane	1800		140	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		97.1	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	94.8		30 (18) - 130 (112)	63%	SPK: 150
13127-88-3	Phenol-d6	92.8		30 (21) - 130 (104)	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.0		30 (27) - 130 (109)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.2		30 (30) - 130 (103)	63%	SPK: 100
118-79-6	2,4,6-Tribromophenol	54.0		30 (10) - 130 (121)	36%	SPK: 150
1718-51-0	Terphenyl-d14	68.9		30 (21) - 130 (107)	69%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	198000	6.728
1146-65-2	Naphthalene-d8	819000	8.016
15067-26-2	Acenaphthene-d10	423000	9.769
1517-22-2	Phenanthrene-d10	684000	11.251
1719-03-5	Chrysene-d12	331000	13.886
1520-96-3	Perylene-d12	401000	15.304

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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	05/02/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	05/02/23
Client Sample ID:	CF-24MSD	SDG No.:	O2505
Lab Sample ID:	O2583-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.1
Sample Wt/Vol:	30.08 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
BF133211.D	1	05/03/23 09:10	05/03/23 17:14	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2300		170	390	ug/Kg
108-95-2	Phenol	1800		87.2	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		110	200	ug/Kg
95-57-8	2-Chlorophenol	2000		84.4	200	ug/Kg
95-48-7	2-Methylphenol	1800		130	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		120	200	ug/Kg
98-86-2	Acetophenone	1900		100	200	ug/Kg
65794-96-9	3+4-Methylphenols	1900		130	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		69.1	93.8	ug/Kg
67-72-1	Hexachloroethane	2000		86.3	200	ug/Kg
98-95-3	Nitrobenzene	1800		88.1	200	ug/Kg
78-59-1	Isophorone	1800		79.8	200	ug/Kg
88-75-5	2-Nitrophenol	2000		110	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		120	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		130	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		91.5	200	ug/Kg
91-20-3	Naphthalene	1800		95.4	200	ug/Kg
106-47-8	4-Chloroaniline	990		120	200	ug/Kg
87-68-3	Hexachlorobutadiene	1900		98.4	200	ug/Kg
105-60-2	Caprolactam	1600		140	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		96.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	1800		110	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900		250	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		90.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		100	200	ug/Kg
92-52-4	1,1-Biphenyl	1900		110	200	ug/Kg
91-58-7	2-Chloronaphthalene	1900		99.1	200	ug/Kg
88-74-4	2-Nitroaniline	1900		120	200	ug/Kg
131-11-3	Dimethylphthalate	1900		100	200	ug/Kg
208-96-8	Acenaphthylene	1800		100	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		110	200	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	05/02/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	05/02/23
Client Sample ID:	CF-24MSD	SDG No.:	O2505
Lab Sample ID:	O2583-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.1
Sample Wt/Vol:	30.08 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
BF133211.D	1	05/03/23 09:10	05/03/23 17:14	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	1400		110	200	ug/Kg
83-32-9	Acenaphthene	1700		94.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	390	ug/Kg
100-02-7	4-Nitrophenol	2200		130	390	ug/Kg
132-64-9	Dibenzofuran	1800		90.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		120	200	ug/Kg
84-66-2	Diethylphthalate	1900		100	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		110	200	ug/Kg
86-73-7	Fluorene	1800		99.4	200	ug/Kg
100-01-6	4-Nitroaniline	2000		120	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	J	100	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		110	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		110	200	ug/Kg
118-74-1	Hexachlorobenzene	2000		120	200	ug/Kg
1912-24-9	Atrazine	2200		110	200	ug/Kg
87-86-5	Pentachlorophenol	600		130	390	ug/Kg
85-01-8	Phenanthrene	1900		110	200	ug/Kg
120-12-7	Anthracene	1800		120	200	ug/Kg
86-74-8	Carbazole	1800		99.5	200	ug/Kg
84-74-2	Di-n-butylphthalate	2000		120	200	ug/Kg
206-44-0	Fluoranthene	1600		110	200	ug/Kg
129-00-0	Pyrene	2000		98.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	2400		120	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		190	390	ug/Kg
56-55-3	Benzo(a)anthracene	1900		98.3	200	ug/Kg
218-01-9	Chrysene	1900		100	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		130	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		140	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		94.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		100	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		110	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		130	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		110	200	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	05/02/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	05/02/23
Client Sample ID:	CF-24MSD	SDG No.:	O2505
Lab Sample ID:	O2583-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	85.1
Sample Wt/Vol:	30.08 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
BF133211.D	1	05/03/23 09:10	05/03/23 17:14	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1800		110	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		100	200	ug/Kg
123-91-1	1,4-Dioxane	1800		140	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		97.2	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	94.4		30 (18) - 130 (112)	63%	SPK: 150
13127-88-3	Phenol-d6	92.0		30 (21) - 130 (104)	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.8		30 (27) - 130 (109)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.0		30 (30) - 130 (103)	64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.2		30 (10) - 130 (121)	39%	SPK: 150
1718-51-0	Terphenyl-d14	69.8		30 (21) - 130 (107)	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	178000	6.728
1146-65-2	Naphthalene-d8	740000	8.016
15067-26-2	Acenaphthene-d10	377000	9.769
1517-22-2	Phenanthrene-d10	616000	11.245
1719-03-5	Chrysene-d12	308000	13.886
1520-96-3	Perylene-d12	385000	15.304

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

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

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)
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

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)
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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	
Client Sample ID:	PB152548BS	SDG No.:	O2505
Lab Sample ID:	PB152548BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30 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
BF133203.D	1	05/03/23 09:10	05/03/23 12:58	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1700		150	330	ug/Kg
108-95-2	Phenol	1400		74.4	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		89.8	170	ug/Kg
95-57-8	2-Chlorophenol	1500		72.0	170	ug/Kg
95-48-7	2-Methylphenol	1400		110	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		110	170	ug/Kg
98-86-2	Acetophenone	1500		86.7	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		110	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		59.0	80.0	ug/Kg
67-72-1	Hexachloroethane	1600		73.6	170	ug/Kg
98-95-3	Nitrobenzene	1400		75.2	170	ug/Kg
78-59-1	Isophorone	1400		68.1	170	ug/Kg
88-75-5	2-Nitrophenol	1600		95.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		99.6	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		110	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		78.1	170	ug/Kg
91-20-3	Naphthalene	1500		81.4	170	ug/Kg
106-47-8	4-Chloroaniline	930		110	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		84.0	170	ug/Kg
105-60-2	Caprolactam	1700		120	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		82.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		94.9	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	210	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		77.1	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		87.9	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		91.3	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		84.6	170	ug/Kg
88-74-4	2-Nitroaniline	1400		99.3	170	ug/Kg
131-11-3	Dimethylphthalate	1400		88.9	170	ug/Kg
208-96-8	Acenaphthylene	1400		88.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		90.0	170	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	
Client Sample ID:	PB152548BS	SDG No.:	O2505
Lab Sample ID:	PB152548BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30 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
BF133203.D	1	05/03/23 09:10	05/03/23 12:58	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	1100		93.4	170	ug/Kg
83-32-9	Acenaphthene	1600		80.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	180	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		76.9	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		99.9	170	ug/Kg
84-66-2	Diethylphthalate	1400		85.9	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		90.4	170	ug/Kg
86-73-7	Fluorene	1400		84.8	170	ug/Kg
100-01-6	4-Nitroaniline	1600		100	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		87.8	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		93.3	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		97.4	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.8	170	ug/Kg
1912-24-9	Atrazine	1700		95.4	170	ug/Kg
87-86-5	Pentachlorophenol	2400		110	330	ug/Kg
85-01-8	Phenanthrene	1400		92.7	170	ug/Kg
120-12-7	Anthracene	1400		100	170	ug/Kg
86-74-8	Carbazole	1400		84.9	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	170	ug/Kg
206-44-0	Fluoranthene	1400		94.4	170	ug/Kg
129-00-0	Pyrene	1400		83.7	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		100	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		160	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		83.9	170	ug/Kg
218-01-9	Chrysene	1400		86.8	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		120	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		120	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		80.3	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		88.1	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		94.3	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		110	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		96.5	170	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	
Client Sample ID:	PB152548BS	SDG No.:	O2505
Lab Sample ID:	PB152548BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30 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
BF133203.D	1	05/03/23 09:10	05/03/23 12:58	PB152548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1500		92.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		89.4	170	ug/Kg
123-91-1	1,4-Dioxane	1400		120	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		82.9	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	105		30 (18) - 130 (112)	70%	SPK: 150
13127-88-3	Phenol-d6	104		30 (21) - 130 (104)	69%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.3		30 (27) - 130 (109)	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		30 (30) - 130 (103)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	102		30 (10) - 130 (121)	68%	SPK: 150
1718-51-0	Terphenyl-d14	65.2		30 (21) - 130 (107)	65%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	194000	6.734
1146-65-2	Naphthalene-d8	772000	8.016
15067-26-2	Acenaphthene-d10	416000	9.769
1517-22-2	Phenanthrene-d10	743000	11.251
1719-03-5	Chrysene-d12	500000	13.892
1520-96-3	Perylene-d12	441000	15.304

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products