Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PSEG			Date Collected:	
Project:	Secaucus HQ			Date Received:	
Client Sample ID:	PB166465BS			SDG No.:	Q1262
Lab Sample ID:	PB166465BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.02	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
BF141402.D	1	02/01/25 08:54	02/04/25 12:28	PB166465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1.60		0.18	0.33	mg/Kg
108-95-2	Phenol	1.40		0.083	0.17	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	1.40		0.084	0.17	mg/Kg
95-57-8	2-Chlorophenol	1.40		0.083	0.17	mg/Kg
95-48-7	2-Methylphenol	1.40		0.081	0.17	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1.30		0.091	0.17	mg/Kg
98-86-2	Acetophenone	1.60		0.087	0.17	mg/Kg
65794-96-9	3+4-Methylphenols	1.50		0.080	0.33	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	1.40		0.040	0.080	mg/Kg
67-72-1	Hexachloroethane	1.40		0.083	0.17	mg/Kg
98-95-3	Nitrobenzene	1.30		0.091	0.17	mg/Kg
78-59-1	Isophorone	1.40		0.085	0.17	mg/Kg
88-75-5	2-Nitrophenol	1.40		0.094	0.17	mg/Kg
105-67-9	2,4-Dimethylphenol	1.70		0.093	0.17	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	1.40		0.086	0.17	mg/Kg
120-83-2	2,4-Dichlorophenol	1.40		0.075	0.17	mg/Kg
91-20-3	Naphthalene	1.40		0.083	0.17	mg/Kg
106-47-8	4-Chloroaniline	0.58		0.083	0.17	mg/Kg
87-68-3	Hexachlorobutadiene	1.40		0.083	0.17	mg/Kg
105-60-2	Caprolactam	1.50		0.087	0.33	mg/Kg
59-50-7	4-Chloro-3-methylphenol	1.40		0.077	0.17	mg/Kg
91-57-6	2-Methylnaphthalene	1.40		0.082	0.17	mg/Kg
77-47-4	Hexachlorocyclopentadiene	6.40	E	0.16	0.33	mg/Kg
88-06-2	2,4,6-Trichlorophenol	1.40		0.071	0.17	mg/Kg
95-95-4	2,4,5-Trichlorophenol	1.40		0.074	0.17	mg/Kg
92-52-4	1,1-Biphenyl	1.60		0.087	0.17	mg/Kg
91-58-7	2-Chloronaphthalene	1.30		0.083	0.17	mg/Kg
88-74-4	2-Nitroaniline	1.40		0.095	0.17	mg/Kg
131-11-3	Dimethylphthalate	1.40		0.082	0.17	mg/Kg

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208-96-8	Acenaphthylene	1.50		0.086	0.17	mg/Kg
606-20-2	2,6-Dinitrotoluene	1.40		0.083	0.17	mg/Kg
99-09-2	3-Nitroaniline	0.76		0.089	0.17	mg/Kg
83-32-9	Acenaphthene	1.60		0.081	0.17	mg/Kg
51-28-5	2,4-Dinitrophenol	3.60	E	0.24	0.33	mg/Kg
100-02-7	4-Nitrophenol	3.30	E	0.12	0.33	mg/Kg
132-64-9	Dibenzofuran	1.40		0.084	0.17	mg/Kg
121-14-2	2,4-Dinitrotoluene	1.50		0.086	0.17	mg/Kg
84-66-2	Diethylphthalate	1.40		0.080	0.17	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	1.40		0.086	0.17	mg/Kg
86-73-7	Fluorene	1.40		0.085	0.17	mg/Kg
100-01-6	4-Nitroaniline	1.50		0.11	0.17	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1.70		0.12	0.33	mg/Kg
86-30-6	n-Nitrosodiphenylamine	1.50		0.082	0.17	mg/Kg
101-55-3	4-Bromophenyl-phenylether	1.40		0.079	0.17	mg/Kg
118-74-1	Hexachlorobenzene	1.40		0.085	0.17	mg/Kg
1912-24-9	Atrazine	1.70		0.091	0.17	mg/Kg
87-86-5	Pentachlorophenol	3.20	E	0.077	0.33	mg/Kg
85-01-8	Phenanthrene	1.50		0.084	0.17	mg/Kg
120-12-7	Anthracene	1.60		0.084	0.17	mg/Kg
86-74-8	Carbazole	1.60		0.080	0.17	mg/Kg
84-74-2	Di-n-butylphthalate	1.50		0.084	0.17	mg/Kg
206-44-0	Fluoranthene	1.60		0.082	0.17	mg/Kg
129-00-0	Pyrene	1.20		0.083	0.17	mg/Kg
85-68-7	Butylbenzylphthalate	1.40		0.097	0.17	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.72		0.099	0.33	mg/Kg
56-55-3	Benzo(a)anthracene	1.40		0.081	0.17	mg/Kg
218-01-9	Chrysene	1.50		0.079	0.17	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.50		0.091	0.17	mg/Kg
117-84-0	Di-n-octyl phthalate	1.50		0.11	0.33	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.50		0.081	0.17	mg/Kg

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207-08-9	Benzo(k)fluoranthene	1.50		0.083	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	1.60		0.093	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.50		0.078	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.50		0.081	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.40		0.080	0.17	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1.60		0.087	0.17	mg/Kg
123-91-1	1,4-Dioxane	1.30		0.11	0.17	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1.60		0.075	0.17	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	133		18 - 112	89%	SPK: 150
13127-88-3	Phenol-d6	128		15 - 107	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.3		18 - 107	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.2		20 - 109	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		10 - 116	100%	SPK: 150
1718-51-0	Terphenyl-d14	86.4		10 - 105	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	88300	6.787			
1146-65-2	Naphthalene-d8	356000	8.075			
15067-26-2	Acenaphthene-d10	193000	9.828			
1517-22-2	Phenanthrene-d10	333000	11.316			
1719-03-5	Chrysene-d12	251000	13.963			
1520-96-3	Perylene-d12	214000	15.421			

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