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

Report of Analysis

Client:	PSEG	Date Collected:	01/31/25
Project:	Secaucus HQ	Date Received:	01/31/25
Client Sample ID:	RBR200030MS	SDG No.:	Q1262
Lab Sample ID:	Q1271-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.7
Sample Wt/Vol:	50.07 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
BF141387.D	1	02/01/25 08:54	02/03/25 23:30	PB166465

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1.10		0.12	0.22	mg/Kg
108-95-2	Phenol	0.99		0.056	0.11	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	1.00		0.057	0.11	mg/Kg
95-57-8	2-Chlorophenol	1.00		0.056	0.11	mg/Kg
95-48-7	2-Methylphenol	0.99		0.054	0.11	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.97		0.061	0.11	mg/Kg
98-86-2	Acetophenone	1.20		0.059	0.11	mg/Kg
65794-96-9	3+4-Methylphenols	1.10		0.054	0.22	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	1.00		0.027	0.054	mg/Kg
67-72-1	Hexachloroethane	1.00		0.056	0.11	mg/Kg
98-95-3	Nitrobenzene	0.99		0.061	0.11	mg/Kg
78-59-1	Isophorone	1.00		0.057	0.11	mg/Kg
88-75-5	2-Nitrophenol	1.10		0.064	0.11	mg/Kg
105-67-9	2,4-Dimethylphenol	1.30		0.063	0.11	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.99		0.058	0.11	mg/Kg
120-83-2	2,4-Dichlorophenol	1.00		0.051	0.11	mg/Kg
91-20-3	Naphthalene	1.00		0.056	0.11	mg/Kg
106-47-8	4-Chloroaniline	0.19		0.056	0.11	mg/Kg
87-68-3	Hexachlorobutadiene	1.00		0.056	0.11	mg/Kg
105-60-2	Caprolactam	1.10		0.059	0.22	mg/Kg
59-50-7	4-Chloro-3-methylphenol	1.00		0.052	0.11	mg/Kg
91-57-6	2-Methylnaphthalene	1.00		0.056	0.11	mg/Kg
77-47-4	Hexachlorocyclopentadiene	4.30	E	0.11	0.22	mg/Kg
88-06-2	2,4,6-Trichlorophenol	1.10		0.048	0.11	mg/Kg
95-95-4	2,4,5-Trichlorophenol	1.00		0.050	0.11	mg/Kg
92-52-4	1,1-Biphenyl	1.20		0.059	0.11	mg/Kg
91-58-7	2-Chloronaphthalene	1.00		0.056	0.11	mg/Kg
88-74-4	2-Nitroaniline	1.10		0.064	0.11	mg/Kg
131-11-3	Dimethylphthalate	1.10		0.055	0.11	mg/Kg

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208-96-8	Acenaphthylene	1.10		0.058	0.11	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.99		0.056	0.11	mg/Kg
99-09-2	3-Nitroaniline	0.51		0.060	0.11	mg/Kg
83-32-9	Acenaphthene	1.20		0.055	0.11	mg/Kg
51-28-5	2,4-Dinitrophenol	2.50	E	0.16	0.22	mg/Kg
100-02-7	4-Nitrophenol	2.10	E	0.078	0.22	mg/Kg
132-64-9	Dibenzofuran	1.00		0.057	0.11	mg/Kg
121-14-2	2,4-Dinitrotoluene	1.10		0.058	0.11	mg/Kg
84-66-2	Diethylphthalate	1.00		0.054	0.11	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	1.00		0.058	0.11	mg/Kg
86-73-7	Fluorene	1.10		0.058	0.11	mg/Kg
100-01-6	4-Nitroaniline	0.98		0.072	0.11	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1.30		0.079	0.22	mg/Kg
86-30-6	n-Nitrosodiphenylamine	1.20		0.055	0.11	mg/Kg
101-55-3	4-Bromophenyl-phenylether	1.10		0.053	0.11	mg/Kg
118-74-1	Hexachlorobenzene	1.10		0.057	0.11	mg/Kg
1912-24-9	Atrazine	1.30		0.062	0.11	mg/Kg
87-86-5	Pentachlorophenol	2.20	E	0.052	0.22	mg/Kg
85-01-8	Phenanthrene	1.40		0.057	0.11	mg/Kg
120-12-7	Anthracene	1.20		0.057	0.11	mg/Kg
86-74-8	Carbazole	1.10		0.054	0.11	mg/Kg
84-74-2	Di-n-butylphthalate	1.10		0.057	0.11	mg/Kg
206-44-0	Fluoranthene	1.50		0.055	0.11	mg/Kg
129-00-0	Pyrene	1.30		0.056	0.11	mg/Kg
85-68-7	Butylbenzylphthalate	0.97		0.065	0.11	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.39		0.067	0.22	mg/Kg
56-55-3	Benzo(a)anthracene	1.30		0.055	0.11	mg/Kg
218-01-9	Chrysene	1.20		0.054	0.11	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.00		0.062	0.11	mg/Kg
117-84-0	Di-n-octyl phthalate	1.10		0.074	0.22	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.40		0.055	0.11	mg/Kg

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207-08-9	Benzo(k)fluoranthene	1.10		0.056	0.11	mg/Kg
50-32-8	Benzo(a)pyrene	1.30		0.063	0.11	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.95		0.053	0.11	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.91		0.055	0.11	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.85		0.054	0.11	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1.20		0.059	0.11	mg/Kg
123-91-1	1,4-Dioxane	1.00		0.074	0.11	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1.10		0.051	0.11	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		18 - 112	75%	SPK: 150
13127-88-3	Phenol-d6	110		15 - 107	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.8		18 - 107	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.5		20 - 109	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		10 - 116	79%	SPK: 150
1718-51-0	Terphenyl-d14	64.0		10 - 105	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	87000	6.793			
1146-65-2	Naphthalene-d8	342000	8.075			
15067-26-2	Acenaphthene-d10	181000	9.833			
1517-22-2	Phenanthrene-d10	273000	11.316			
1719-03-5	Chrysene-d12	166000	13.957			
1520-96-3	Perylene-d12	174000	15.404			

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