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

Report of Analysis

Client:	PSEG	Date Collected:	05/16/25
Project:	Kuller Road Sub	Date Received:	05/16/25
Client Sample ID:	303-PPR-FRACDL	SDG No.:	Q2067
Lab Sample ID:	Q2067-01DL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP024722.D	2	05/19/25 08:42	05/21/25 02:08	PB168048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	20.6	UD	8.10	20.6	ug/L
108-95-2	Phenol	8.00	JD	1.90	10.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.3	UD	1.70	10.3	ug/L
95-57-8	2-Chlorophenol	10.3	UD	1.20	10.3	ug/L
95-48-7	2-Methylphenol	10.3	UD	2.30	10.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.3	UD	2.60	10.3	ug/L
98-86-2	Acetophenone	96.3	D	1.50	10.3	ug/L
65794-96-9	3+4-Methylphenols	20.6	UD	2.30	20.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	5.20	UD	2.90	5.20	ug/L
67-72-1	Hexachloroethane	10.3	UD	1.30	10.3	ug/L
98-95-3	Nitrobenzene	10.3	UD	1.60	10.3	ug/L
78-59-1	Isophorone	10.3	UD	1.50	10.3	ug/L
88-75-5	2-Nitrophenol	10.3	UD	3.60	10.3	ug/L
105-67-9	2,4-Dimethylphenol	10.3	UD	3.80	10.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.3	UD	1.40	10.3	ug/L
120-83-2	2,4-Dichlorophenol	10.3	UD	1.10	10.3	ug/L
91-20-3	Naphthalene	7.10	JD	1.00	10.3	ug/L
106-47-8	4-Chloroaniline	10.3	UD	1.70	10.3	ug/L
87-68-3	Hexachlorobutadiene	10.3	UD	1.10	10.3	ug/L
105-60-2	Caprolactam	20.6	UD	2.30	20.6	ug/L
59-50-7	4-Chloro-3-methylphenol	10.3	UD	1.20	10.3	ug/L
91-57-6	2-Methylnaphthalene	19.4	D	1.20	10.3	ug/L
77-47-4	Hexachlorocyclopentadiene	20.6	UD	7.50	20.6	ug/L
88-06-2	2,4,6-Trichlorophenol	10.3	UD	1.10	10.3	ug/L
95-95-4	2,4,5-Trichlorophenol	10.3	UD	1.30	10.3	ug/L
92-52-4	1,1-Biphenyl	10.3	UD	1.10	10.3	ug/L
91-58-7	2-Chloronaphthalene	10.3	UD	1.30	10.3	ug/L
88-74-4	2-Nitroaniline	10.3	UD	2.60	10.3	ug/L
131-11-3	Dimethylphthalate	10.3	UD	1.30	10.3	ug/L

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Prep Method :	SW3510C				

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BP024722.D	2	05/19/25 08:42	05/21/25 02:08	PB168048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	10.3	UD	1.50	10.3	ug/L
606-20-2	2,6-Dinitrotoluene	10.3	UD	1.90	10.3	ug/L
99-09-2	3-Nitroaniline	10.3	UD	2.20	10.3	ug/L
83-32-9	Acenaphthene	10.3	UD	1.10	10.3	ug/L
51-28-5	2,4-Dinitrophenol	20.6	UD	12.3	20.6	ug/L
100-02-7	4-Nitrophenol	20.6	UD	4.90	20.6	ug/L
132-64-9	Dibenzofuran	10.3	UD	1.30	10.3	ug/L
121-14-2	2,4-Dinitrotoluene	10.3	UD	2.50	10.3	ug/L
84-66-2	Diethylphthalate	29.0	D	1.40	10.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.3	UD	1.40	10.3	ug/L
86-73-7	Fluorene	10.3	UD	1.30	10.3	ug/L
100-01-6	4-Nitroaniline	10.3	UD	3.10	10.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	20.6	UD	5.90	20.6	ug/L
86-30-6	n-Nitrosodiphenylamine	10.3	UD	1.20	10.3	ug/L
101-55-3	4-Bromophenyl-phenylether	10.3	UD	0.82	10.3	ug/L
118-74-1	Hexachlorobenzene	10.3	UD	1.10	10.3	ug/L
1912-24-9	Atrazine	10.3	UD	2.10	10.3	ug/L
87-86-5	Pentachlorophenol	20.6	UD	3.30	20.6	ug/L
85-01-8	Phenanthrene	10.3	UD	1.00	10.3	ug/L
120-12-7	Anthracene	10.3	UD	1.30	10.3	ug/L
86-74-8	Carbazole	10.3	UD	1.50	10.3	ug/L
84-74-2	Di-n-butylphthalate	10.3	UD	2.50	10.3	ug/L
206-44-0	Fluoranthene	10.3	UD	1.70	10.3	ug/L
129-00-0	Pyrene	10.3	UD	1.00	10.3	ug/L
85-68-7	Butylbenzylphthalate	10.3	UD	4.00	10.3	ug/L
91-94-1	3,3-Dichlorobenzidine	20.6	UD	1.90	20.6	ug/L
56-55-3	Benzo(a)anthracene	10.3	UD	0.93	10.3	ug/L
218-01-9	Chrysene	10.3	UD	0.91	10.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.3	UD	3.30	10.3	ug/L
117-84-0	Di-n-octyl phthalate	20.6	UD	4.80	20.6	ug/L
205-99-2	Benzo(b)fluoranthene	10.3	UD	1.00	10.3	ug/L

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BP024722.D	2	05/19/25 08:42	05/21/25 02:08	PB168048

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	10.3	UD	0.99	10.3	ug/L
50-32-8	Benzo(a)pyrene	10.3	UD	1.10	10.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	UD	1.20	10.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.3	UD	1.40	10.3	ug/L
191-24-2	Benzo(g,h,i)perylene	10.3	UD	1.40	10.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.3	UD	1.10	10.3	ug/L
123-91-1	1,4-Dioxane	10.3	UD	2.10	10.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.3	UD	1.50	10.3	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	58.8		10 - 139	39%	SPK: 150
13127-88-3	Phenol-d6	35.0		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.7		49 - 133	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.3		52 - 132	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		44 - 137	106%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	101000	7.652			
1146-65-2	Naphthalene-d8	435000	10.422			
15067-26-2	Acenaphthene-d10	299000	14.287			
1517-22-2	Phenanthrene-d10	617000	17.081			
1719-03-5	Chrysene-d12	669000	21.504			
1520-96-3	Perylene-d12	796000	24.78			

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