

Report of Analysis

Client:	PSEG	Date Collected:	04/09/25
Project:	26kV Service to Prologis - Newark OP	Date Received:	04/10/25
Client Sample ID:	TP-6C	SDG No.:	Q1771
Lab Sample ID:	Q1771-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.4
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
BM049907.D	5	04/10/25 08:55	04/11/25 18:53	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1.10	U	0.52	1.10	mg/Kg
108-95-2	Phenol	0.57	U	0.074	0.57	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.57	U	0.081	0.57	mg/Kg
95-57-8	2-Chlorophenol	0.57	U	0.082	0.57	mg/Kg
95-48-7	2-Methylphenol	0.57	U	0.10	0.57	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.57	U	0.13	0.57	mg/Kg
98-86-2	Acetophenone	0.57	U	0.099	0.57	mg/Kg
65794-96-9	3+4-Methylphenols	1.10	U	0.14	1.10	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.27	U	0.16	0.27	mg/Kg
67-72-1	Hexachloroethane	0.57	U	0.059	0.57	mg/Kg
98-95-3	Nitrobenzene	0.57	U	0.061	0.57	mg/Kg
78-59-1	Isophorone	0.57	U	0.11	0.57	mg/Kg
88-75-5	2-Nitrophenol	0.57	U	0.20	0.57	mg/Kg
105-67-9	2,4-Dimethylphenol	0.57	U	0.22	0.57	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.57	U	0.10	0.57	mg/Kg
120-83-2	2,4-Dichlorophenol	0.57	U	0.095	0.57	mg/Kg
91-20-3	Naphthalene	0.57	U	0.076	0.57	mg/Kg
106-47-8	4-Chloroaniline	0.57	U	0.12	0.57	mg/Kg
87-68-3	Hexachlorobutadiene	0.57	U	0.085	0.57	mg/Kg
105-60-2	Caprolactam	1.10	U	0.17	1.10	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.57	U	0.096	0.57	mg/Kg
91-57-6	2-Methylnaphthalene	0.57	U	0.086	0.57	mg/Kg
77-47-4	Hexachlorocyclopentadiene	1.10	U	0.39	1.10	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.57	U	0.066	0.57	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.57	U	0.098	0.57	mg/Kg
92-52-4	1,1-Biphenyl	0.57	U	0.073	0.57	mg/Kg
91-58-7	2-Chloronaphthalene	0.57	U	0.075	0.57	mg/Kg
88-74-4	2-Nitroaniline	0.57	U	0.16	0.57	mg/Kg
131-11-3	Dimethylphthalate	0.57	U	0.091	0.57	mg/Kg

Report of Analysis

Client:	PSEG	Date Collected:	04/09/25
Project:	26kV Service to Prologis - Newark OP	Date Received:	04/10/25
Client Sample ID:	TP-6C	SDG No.:	Q1771
Lab Sample ID:	Q1771-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.4
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
BM049907.D	5	04/10/25 08:55	04/11/25 18:53	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	0.57	U	0.097	0.57	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.57	U	0.11	0.57	mg/Kg
99-09-2	3-Nitroaniline	0.57	U	0.15	0.57	mg/Kg
83-32-9	Acenaphthene	0.57	U	0.071	0.57	mg/Kg
51-28-5	2,4-Dinitrophenol	1.10	U	0.77	1.10	mg/Kg
100-02-7	4-Nitrophenol	1.10	U	0.36	1.10	mg/Kg
132-64-9	Dibenzofuran	0.57	U	0.076	0.57	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.57	U	0.17	0.57	mg/Kg
84-66-2	Diethylphthalate	0.57	U	0.095	0.57	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.57	U	0.090	0.57	mg/Kg
86-73-7	Fluorene	0.57	U	0.085	0.57	mg/Kg
100-01-6	4-Nitroaniline	0.57	U	0.22	0.57	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1.10	U	0.35	1.10	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.57	U	0.11	0.57	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.57	U	0.093	0.57	mg/Kg
118-74-1	Hexachlorobenzene	0.57	U	0.085	0.57	mg/Kg
1912-24-9	Atrazine	0.57	U	0.11	0.57	mg/Kg
87-86-5	Pentachlorophenol	1.10	U	0.17	1.10	mg/Kg
85-01-8	Phenanthrene	0.57	U	0.070	0.57	mg/Kg
120-12-7	Anthracene	0.57	U	0.11	0.57	mg/Kg
86-74-8	Carbazole	0.57	U	0.10	0.57	mg/Kg
84-74-2	Di-n-butylphthalate	0.57	U	0.16	0.57	mg/Kg
206-44-0	Fluoranthene	0.57	U	0.10	0.57	mg/Kg
129-00-0	Pyrene	0.57	U	0.12	0.57	mg/Kg
85-68-7	Butylbenzylphthalate	0.57	U	0.24	0.57	mg/Kg
91-94-1	3,3-Dichlorobenzidine	1.10	U	0.12	1.10	mg/Kg
56-55-3	Benzo(a)anthracene	0.57	U	0.077	0.57	mg/Kg
218-01-9	Chrysene	0.57	U	0.067	0.57	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.57	U	0.20	0.57	mg/Kg
117-84-0	Di-n-octyl phthalate	1.10	U	0.29	1.10	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.064	0.57	mg/Kg

Report of Analysis

Client:	PSEG	Date Collected:	04/09/25
Project:	26kV Service to Prologis - Newark OP	Date Received:	04/10/25
Client Sample ID:	TP-6C	SDG No.:	Q1771
Lab Sample ID:	Q1771-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.4
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
BM049907.D	5	04/10/25 08:55	04/11/25 18:53	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	0.57	U	0.075	0.57	mg/Kg
50-32-8	Benzo(a)pyrene	0.57	U	0.099	0.57	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.098	0.57	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.092	0.57	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.57	U	0.086	0.57	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.57	U	0.086	0.57	mg/Kg
123-91-1	1,4-Dioxane	0.57	U	0.15	0.57	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.57	U	0.092	0.57	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	93.9		18 - 112	63%	SPK: 150
13127-88-3	Phenol-d6	90.0		15 - 107	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.3		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.8		20 - 109	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.1		10 - 116	65%	SPK: 150
1718-51-0	Terphenyl-d14	70.4		10 - 105	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	343000	7.775
1146-65-2	Naphthalene-d8	1160000	10.569
15067-26-2	Acenaphthene-d10	760000	14.416
1517-22-2	Phenanthrene-d10	1470000	17.157
1719-03-5	Chrysene-d12	1430000	21.392
1520-96-3	Perylene-d12	1640000	24.391

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A	4.90	ug/Kg
001120-21-4	Undecane	250	J	9.01	ug/Kg
000629-50-5	Tridecane	340	J	12.0	ug/Kg
062238-11-3	Decane, 2,3,5-trimethyl-	330	J	13.3	ug/Kg
1000382-54-3	Carbonic acid, eicosyl vinyl ester	350	J	14.3	ug/Kg
000544-76-3	Hexadecane	320	J	15.3	ug/Kg
000629-78-7	Heptadecane	380	J	16.1	ug/Kg

Report of Analysis

Client:	PSEG	Date Collected:	04/09/25
Project:	26kV Service to Prologis - Newark OP	Date Received:	04/10/25
Client Sample ID:	TP-6C	SDG No.:	Q1771
Lab Sample ID:	Q1771-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.4
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
BM049907.D	5	04/10/25 08:55	04/11/25 18:53	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000593-45-3	Octadecane	280	J		16.9	ug/Kg
000629-93-6	Octadecane, 1-iodo-	250	J		17.7	ug/Kg
000112-39-0	Hexadecanoic acid, methyl ester	530	J		17.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	670	J		18.1	ug/Kg
055045-08-4	Dodecane, 2-methyl-6-propyl-	230	J		18.4	ug/Kg
002566-97-4	9,12-Octadecadienoic acid, methyl	1000	J		19.0	ug/Kg
056554-47-3	13-Octadecenoic acid, methyl ester	1000	J		19.0	ug/Kg
000112-61-8	Methyl stearate	230	J		19.1	ug/Kg
116196-83-9	4,4-Bis(tetrahydrothiopyran)	1400	J		19.2	ug/Kg
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)	240	J		19.6	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

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