

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PB170215BL
Lab Sample ID: PB170215BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 10/23/2015

Date Collected:
Date Received:
SDG No.: Q3424
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	330	U	1	160	330	ug/Kg	10/29/25 13:25	PB170215
108-95-2	Phenol	170	U	1	22.1	170	ug/Kg	10/29/25 13:25	PB170215
111-44-4	bis(2-Chloroethyl)ether	170	U	1	24.3	170	ug/Kg	10/29/25 13:25	PB170215
95-57-8	2-Chlorophenol	170	U	1	24.4	170	ug/Kg	10/29/25 13:25	PB170215
95-48-7	2-Methylphenol	170	U	1	29.9	170	ug/Kg	10/29/25 13:25	PB170215
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	1	37.5	170	ug/Kg	10/29/25 13:25	PB170215
98-86-2	Acetophenone	170	U	1	29.5	170	ug/Kg	10/29/25 13:25	PB170215
65794-96-9	3+4-Methylphenols	330	U	1	41.1	330	ug/Kg	10/29/25 13:25	PB170215
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	ug/Kg	10/29/25 13:25	PB170215
67-72-1	Hexachloroethane	170	U	1	17.6	170	ug/Kg	10/29/25 13:25	PB170215
98-95-3	Nitrobenzene	170	U	1	18.3	170	ug/Kg	10/29/25 13:25	PB170215
78-59-1	Isophorone	170	U	1	32.8	170	ug/Kg	10/29/25 13:25	PB170215
88-75-5	2-Nitrophenol	170	U	1	58.2	170	ug/Kg	10/29/25 13:25	PB170215
105-67-9	2,4-Dimethylphenol	170	U	1	64.8	170	ug/Kg	10/29/25 13:25	PB170215
111-91-1	bis(2-Chloroethoxy)methane	170	U	1	30.8	170	ug/Kg	10/29/25 13:25	PB170215
120-83-2	2,4-Dichlorophenol	170	U	1	28.3	170	ug/Kg	10/29/25 13:25	PB170215
91-20-3	Naphthalene	170	U	1	22.7	170	ug/Kg	10/29/25 13:25	PB170215
106-47-8	4-Chloroaniline	170	U	1	35.4	170	ug/Kg	10/29/25 13:25	PB170215
87-68-3	Hexachlorobutadiene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
105-60-2	Caprolactam	330	U	1	52.1	330	ug/Kg	10/29/25 13:25	PB170215
59-50-7	4-Chloro-3-methylphenol	170	U	1	28.7	170	ug/Kg	10/29/25 13:25	PB170215
91-57-6	2-Methylnaphthalene	170	U	1	25.6	170	ug/Kg	10/29/25 13:25	PB170215
77-47-4	Hexachlorocyclopentadiene	330	U	1	120	330	ug/Kg	10/29/25 13:25	PB170215
88-06-2	2,4,6-Trichlorophenol	170	U	1	19.8	170	ug/Kg	10/29/25 13:25	PB170215
95-95-4	2,4,5-Trichlorophenol	170	U	1	29.1	170	ug/Kg	10/29/25 13:25	PB170215
92-52-4	1,1-Biphenyl	170	U	1	21.8	170	ug/Kg	10/29/25 13:25	PB170215
91-58-7	2-Chloronaphthalene	170	U	1	22.5	170	ug/Kg	10/29/25 13:25	PB170215
88-74-4	2-Nitroaniline	170	U	1	48.1	170	ug/Kg	10/29/25 13:25	PB170215
131-11-3	Dimethylphthalate	170	U	1	27.1	170	ug/Kg	10/29/25 13:25	PB170215
208-96-8	Acenaphthylene	170	U	1	28.9	170	ug/Kg	10/29/25 13:25	PB170215
606-20-2	2,6-Dinitrotoluene	170	U	1	33.6	170	ug/Kg	10/29/25 13:25	PB170215
99-09-2	3-Nitroaniline	170	U	1	46.0	170	ug/Kg	10/29/25 13:25	PB170215
83-32-9	Acenaphthene	170	U	1	21.3	170	ug/Kg	10/29/25 13:25	PB170215
51-28-5	2,4-Dinitrophenol	330	U	1	230	330	ug/Kg	10/29/25 13:25	PB170215
100-02-7	4-Nitrophenol	330	U	1	110	330	ug/Kg	10/29/25 13:25	PB170215
132-64-9	Dibenzofuran	170	U	1	22.7	170	ug/Kg	10/29/25 13:25	PB170215
121-14-2	2,4-Dinitrotoluene	170	U	1	50.1	170	ug/Kg	10/29/25 13:25	PB170215
84-66-2	Diethylphthalate	170	U	1	28.3	170	ug/Kg	10/29/25 13:25	PB170215
7005-72-3	4-Chlorophenyl-phenylether	170	U	1	26.7	170	ug/Kg	10/29/25 13:25	PB170215
86-73-7	Fluorene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
100-01-6	4-Nitroaniline	170	U	1	64.2	170	ug/Kg	10/29/25 13:25	PB170215
534-52-1	4,6-Dinitro-2-methylphenol	330	U	1	100	330	ug/Kg	10/29/25 13:25	PB170215

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	170	U	1	32.9	170	ug/Kg	10/29/25 13:25	PB170215
101-55-3	4-Bromophenyl-phenylether	170	U	1	27.8	170	ug/Kg	10/29/25 13:25	PB170215
118-74-1	Hexachlorobenzene	170	U	1	25.3	170	ug/Kg	10/29/25 13:25	PB170215
1912-24-9	Atrazine	170	U	1	34.0	170	ug/Kg	10/29/25 13:25	PB170215
87-86-5	Pentachlorophenol	330	U	1	51.3	330	ug/Kg	10/29/25 13:25	PB170215
85-01-8	Phenanthrene	170	U	1	20.9	170	ug/Kg	10/29/25 13:25	PB170215
120-12-7	Anthracene	170	U	1	33.3	170	ug/Kg	10/29/25 13:25	PB170215
86-74-8	Carbazole	170	U	1	31.2	170	ug/Kg	10/29/25 13:25	PB170215
84-74-2	Di-n-butylphthalate	170	U	1	47.9	170	ug/Kg	10/29/25 13:25	PB170215
206-44-0	Fluoranthene	170	U	1	30.0	170	ug/Kg	10/29/25 13:25	PB170215
129-00-0	Pyrene	170	U	1	36.0	170	ug/Kg	10/29/25 13:25	PB170215
85-68-7	Butylbenzylphthalate	170	U	1	71.4	170	ug/Kg	10/29/25 13:25	PB170215
91-94-1	3,3-Dichlorobenzidine	330	U	1	36.7	330	ug/Kg	10/29/25 13:25	PB170215
56-55-3	Benzo(a)anthracene	170	U	1	23.0	170	ug/Kg	10/29/25 13:25	PB170215
218-01-9	Chrysene	170	U	1	19.9	170	ug/Kg	10/29/25 13:25	PB170215
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	1	59.2	170	ug/Kg	10/29/25 13:25	PB170215
117-84-0	Di-n-octyl phthalate	330	U	1	86.8	330	ug/Kg	10/29/25 13:25	PB170215
205-99-2	Benzo(b)fluoranthene	170	U	1	19.0	170	ug/Kg	10/29/25 13:25	PB170215
207-08-9	Benzo(k)fluoranthene	170	U	1	22.4	170	ug/Kg	10/29/25 13:25	PB170215
50-32-8	Benzo(a)pyrene	170	U	1	29.5	170	ug/Kg	10/29/25 13:25	PB170215
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	1	29.1	170	ug/Kg	10/29/25 13:25	PB170215
53-70-3	Dibenzo(a,h)anthracene	170	U	1	27.4	170	ug/Kg	10/29/25 13:25	PB170215
191-24-2	Benzo(g,h,i)perylene	170	U	1	25.7	170	ug/Kg	10/29/25 13:25	PB170215
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	1	25.6	170	ug/Kg	10/29/25 13:25	PB170215
123-91-1	1,4-Dioxane	170	U	1	45.2	170	ug/Kg	10/29/25 13:25	PB170215
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1	27.4	170	ug/Kg	10/29/25 13:25	PB170215

SURROGATES

367-12-4	2-Fluorophenol	139			18 - 112	92%	SPK: 150
13127-88-3	Phenol-d6	139			15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	110	*		18 - 107	110%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8			20 - 109	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161			10 - 116	108%	SPK: 150
1718-51-0	Terphenyl-d14	90.8			10 - 105	91%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	34000
1146-65-2	Naphthalene-d8	131000
15067-26-2	Acenaphthene-d10	98300
1517-22-2	Phenanthrene-d10	248000
1719-03-5	Chrysene-d12	318000
1520-96-3	Perylene-d12	369000

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Analytical Method:	8270E	Level : LOW	% Solid:	100
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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
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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