

Hit Summary Sheet SW-846

SDG No.: Q3375
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-S02-074099-20251016								
Q3375-01	PR132-S02-074099-2025	SOIL	Benzophenone	*	280.000	J 0	0	ug/Kg
Q3375-01	PR132-S02-074099-2025	SOIL	Tridecanoic acid	*	240.000	J 0	0	ug/Kg
Total Tics :				520.00				
Total Concentration:				520.00				
Client ID : PR132-S04-000013-20251016								
Q3375-02	PR132-S04-000013-2025	SOIL	Benzophenone	*	390.000	J 0	0	ug/Kg
Q3375-02	PR132-S04-000013-2025	SOIL	n-Hexadecanoic acid	*	250.000	J 0	0	ug/Kg
Q3375-02	PR132-S04-000013-2025	SOIL	Pentafluoropropionic acid, heptad	*	220.000	J 0	0	ug/Kg
Total Tics :				860.00				
Total Concentration:				860.00				
Client ID : PR132-S05-000057-20251016								
Q3375-03	PR132-S05-000057-2025	SOIL	Benzophenone	*	220.000	J 0	0	ug/Kg
Total Tics :				220.00				
Total Concentration:				220.00				
Client ID : PR132-S02-010074-20251016								
Q3375-04	PR132-S02-010074-2025	SOIL	Benzo(a)pyrene		130.000	J 53.3	310	ug/Kg
Total Svoc :				130.00				
Q3375-04	PR132-S02-010074-2025	SOIL	1-Heneicosanol	*	270.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Benzophenone	*	460.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Dodecane, 2,7,10-trimethyl-	*	170.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Tridecane	*	180.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Tridecanoic acid	*	330.000	J 0	0	ug/Kg
Q3375-04	PR132-S02-010074-2025	SOIL	Undecane, 2,6-dimethyl-	*	140.000	J 0	0	ug/Kg
Total Tics :				1,550.00				
Total Concentration:				1,680.00				
Client ID : PR132-DP02-074099-20251016								
Q3375-05	PR132-DP02-074099-202	SOIL	Phenanthrene		99.800	J 31.3	250	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Fluoranthene		160.000	J 44.9	250	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Bis(2-ethylhexyl)phthalate		130.000	J 88.6	250	ug/Kg
Total Svoc :				389.80				
Q3375-05	PR132-DP02-074099-202	SOIL	Benzophenone	*	300.000	J 0	0	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	Cyclopentadecane	*	150.000	J 0	0	ug/Kg
Q3375-05	PR132-DP02-074099-202	SOIL	n-Hexadecanoic acid	*	280.000	J 0	0	ug/Kg
Total Tics :				730.00				
Total Concentration:				1,119.80				



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3375
Client: AECOM

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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SAMPLE DATA

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-074099-20251016
Lab Sample ID: Q3375-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 69.2
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	480	U	1	230	480	ug/Kg	10/21/25 16:32	PB170165
108-95-2	Phenol	250	U	1	31.9	250	ug/Kg	10/21/25 16:32	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	35.1	250	ug/Kg	10/21/25 16:32	PB170165
95-57-8	2-Chlorophenol	250	U	1	35.2	250	ug/Kg	10/21/25 16:32	PB170165
95-48-7	2-Methylphenol	250	U	1	43.2	250	ug/Kg	10/21/25 16:32	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	54.2	250	ug/Kg	10/21/25 16:32	PB170165
98-86-2	Acetophenone	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
65794-96-9	3+4-Methylphenols	480	U	1	59.4	480	ug/Kg	10/21/25 16:32	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	68.5	120	ug/Kg	10/21/25 16:32	PB170165
67-72-1	Hexachloroethane	250	U	1	25.4	250	ug/Kg	10/21/25 16:32	PB170165
98-95-3	Nitrobenzene	250	U	1	26.4	250	ug/Kg	10/21/25 16:32	PB170165
78-59-1	Isophorone	250	U	1	47.4	250	ug/Kg	10/21/25 16:32	PB170165
88-75-5	2-Nitrophenol	250	U	1	84.0	250	ug/Kg	10/21/25 16:32	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	93.6	250	ug/Kg	10/21/25 16:32	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	44.5	250	ug/Kg	10/21/25 16:32	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
91-20-3	Naphthalene	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
106-47-8	4-Chloroaniline	250	U	1	51.1	250	ug/Kg	10/21/25 16:32	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
105-60-2	Caprolactam	480	U	1	75.2	480	ug/Kg	10/21/25 16:32	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	41.4	250	ug/Kg	10/21/25 16:32	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
77-47-4	Hexachlorocyclopentadiene	480	U	1	170	480	ug/Kg	10/21/25 16:32	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	28.6	250	ug/Kg	10/21/25 16:32	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
92-52-4	1,1-Biphenyl	250	U	1	31.5	250	ug/Kg	10/21/25 16:32	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	32.5	250	ug/Kg	10/21/25 16:32	PB170165
88-74-4	2-Nitroaniline	250	U	1	69.5	250	ug/Kg	10/21/25 16:32	PB170165
131-11-3	Dimethylphthalate	250	U	1	39.1	250	ug/Kg	10/21/25 16:32	PB170165
208-96-8	Acenaphthylene	250	U	1	41.7	250	ug/Kg	10/21/25 16:32	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	48.5	250	ug/Kg	10/21/25 16:32	PB170165
99-09-2	3-Nitroaniline	250	U	1	66.4	250	ug/Kg	10/21/25 16:32	PB170165
83-32-9	Acenaphthene	250	U	1	30.8	250	ug/Kg	10/21/25 16:32	PB170165
51-28-5	2,4-Dinitrophenol	480	U	1	330	480	ug/Kg	10/21/25 16:32	PB170165
100-02-7	4-Nitrophenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165
132-64-9	Dibenzofuran	250	U	1	32.8	250	ug/Kg	10/21/25 16:32	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	72.4	250	ug/Kg	10/21/25 16:32	PB170165
84-66-2	Diethylphthalate	250	U	1	40.9	250	ug/Kg	10/21/25 16:32	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	38.6	250	ug/Kg	10/21/25 16:32	PB170165
86-73-7	Fluorene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
100-01-6	4-Nitroaniline	250	U	1	92.7	250	ug/Kg	10/21/25 16:32	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	480	U	1	150	480	ug/Kg	10/21/25 16:32	PB170165

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-074099-20251016
Lab Sample ID: Q3375-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 69.2
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	47.5	250	ug/Kg	10/21/25 16:32	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	40.1	250	ug/Kg	10/21/25 16:32	PB170165
118-74-1	Hexachlorobenzene	250	U	1	36.5	250	ug/Kg	10/21/25 16:32	PB170165
1912-24-9	Atrazine	250	U	1	49.1	250	ug/Kg	10/21/25 16:32	PB170165
87-86-5	Pentachlorophenol	480	U	1	74.1	480	ug/Kg	10/21/25 16:32	PB170165
85-01-8	Phenanthrene	250	U	1	30.2	250	ug/Kg	10/21/25 16:32	PB170165
120-12-7	Anthracene	250	U	1	48.1	250	ug/Kg	10/21/25 16:32	PB170165
86-74-8	Carbazole	250	U	1	45.1	250	ug/Kg	10/21/25 16:32	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	69.2	250	ug/Kg	10/21/25 16:32	PB170165
206-44-0	Fluoranthene	250	U	1	43.3	250	ug/Kg	10/21/25 16:32	PB170165
129-00-0	Pyrene	250	U	1	52.0	250	ug/Kg	10/21/25 16:32	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	100	250	ug/Kg	10/21/25 16:32	PB170165
91-94-1	3,3-Dichlorobenzidine	480	U	1	53.0	480	ug/Kg	10/21/25 16:32	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	33.2	250	ug/Kg	10/21/25 16:32	PB170165
218-01-9	Chrysene	250	U	1	28.7	250	ug/Kg	10/21/25 16:32	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	85.5	250	ug/Kg	10/21/25 16:32	PB170165
117-84-0	Di-n-octyl phthalate	480	U	1	130	480	ug/Kg	10/21/25 16:32	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	27.4	250	ug/Kg	10/21/25 16:32	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	32.3	250	ug/Kg	10/21/25 16:32	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	42.6	250	ug/Kg	10/21/25 16:32	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	42.0	250	ug/Kg	10/21/25 16:32	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	37.1	250	ug/Kg	10/21/25 16:32	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	37.0	250	ug/Kg	10/21/25 16:32	PB170165
123-91-1	1,4-Dioxane	250	U	1	65.3	250	ug/Kg	10/21/25 16:32	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	39.6	250	ug/Kg	10/21/25 16:32	PB170165

SURROGATES

367-12-4	2-Fluorophenol	67.8		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	65.1		15 - 107	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.7		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.6		20 - 109	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	57.6		10 - 116	38%	SPK: 150
1718-51-0	Terphenyl-d14	28.1		10 - 105	28%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	110000
1146-65-2	Naphthalene-d8	402000
15067-26-2	Acenaphthene-d10	203000
1517-22-2	Phenanthrene-d10	319000
1719-03-5	Chrysene-d12	282000
1520-96-3	Perylene-d12	335000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	280	J	10.6	ug/Kg
000638-53-9	Tridecanoic acid	240	J	11.9	ug/Kg

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S02-074099-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-01		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	69.2
Sample Wt/Vol:	30.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S04-000013-20251016
Lab Sample ID: Q3375-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 74.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	440	U	1	210	440	ug/Kg	10/21/25 17:02	PB170165
108-95-2	Phenol	230	U	1	29.5	230	ug/Kg	10/21/25 17:02	PB170165
111-44-4	bis(2-Chloroethyl)ether	230	U	1	32.5	230	ug/Kg	10/21/25 17:02	PB170165
95-57-8	2-Chlorophenol	230	U	1	32.6	230	ug/Kg	10/21/25 17:02	PB170165
95-48-7	2-Methylphenol	230	U	1	39.9	230	ug/Kg	10/21/25 17:02	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	1	50.1	230	ug/Kg	10/21/25 17:02	PB170165
98-86-2	Acetophenone	230	U	1	39.4	230	ug/Kg	10/21/25 17:02	PB170165
65794-96-9	3+4-Methylphenols	440	U	1	54.9	440	ug/Kg	10/21/25 17:02	PB170165
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	63.3	110	ug/Kg	10/21/25 17:02	PB170165
67-72-1	Hexachloroethane	230	U	1	23.5	230	ug/Kg	10/21/25 17:02	PB170165
98-95-3	Nitrobenzene	230	U	1	24.4	230	ug/Kg	10/21/25 17:02	PB170165
78-59-1	Isophorone	230	U	1	43.8	230	ug/Kg	10/21/25 17:02	PB170165
88-75-5	2-Nitrophenol	230	U	1	77.7	230	ug/Kg	10/21/25 17:02	PB170165
105-67-9	2,4-Dimethylphenol	230	U	1	86.5	230	ug/Kg	10/21/25 17:02	PB170165
111-91-1	bis(2-Chloroethoxy)methane	230	U	1	41.1	230	ug/Kg	10/21/25 17:02	PB170165
120-83-2	2,4-Dichlorophenol	230	U	1	37.8	230	ug/Kg	10/21/25 17:02	PB170165
91-20-3	Naphthalene	230	U	1	30.3	230	ug/Kg	10/21/25 17:02	PB170165
106-47-8	4-Chloroaniline	230	U	1	47.3	230	ug/Kg	10/21/25 17:02	PB170165
87-68-3	Hexachlorobutadiene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
105-60-2	Caprolactam	440	U	1	69.6	440	ug/Kg	10/21/25 17:02	PB170165
59-50-7	4-Chloro-3-methylphenol	230	U	1	38.3	230	ug/Kg	10/21/25 17:02	PB170165
91-57-6	2-Methylnaphthalene	230	U	1	34.2	230	ug/Kg	10/21/25 17:02	PB170165
77-47-4	Hexachlorocyclopentadiene	440	U	1	150	440	ug/Kg	10/21/25 17:02	PB170165
88-06-2	2,4,6-Trichlorophenol	230	U	1	26.4	230	ug/Kg	10/21/25 17:02	PB170165
95-95-4	2,4,5-Trichlorophenol	230	U	1	38.9	230	ug/Kg	10/21/25 17:02	PB170165
92-52-4	1,1-Biphenyl	230	U	1	29.1	230	ug/Kg	10/21/25 17:02	PB170165
91-58-7	2-Chloronaphthalene	230	U	1	30.1	230	ug/Kg	10/21/25 17:02	PB170165
88-74-4	2-Nitroaniline	230	U	1	64.2	230	ug/Kg	10/21/25 17:02	PB170165
131-11-3	Dimethylphthalate	230	U	1	36.2	230	ug/Kg	10/21/25 17:02	PB170165
208-96-8	Acenaphthylene	230	U	1	38.6	230	ug/Kg	10/21/25 17:02	PB170165
606-20-2	2,6-Dinitrotoluene	230	U	1	44.9	230	ug/Kg	10/21/25 17:02	PB170165
99-09-2	3-Nitroaniline	230	U	1	61.4	230	ug/Kg	10/21/25 17:02	PB170165
83-32-9	Acenaphthene	230	U	1	28.4	230	ug/Kg	10/21/25 17:02	PB170165
51-28-5	2,4-Dinitrophenol	440	U	1	310	440	ug/Kg	10/21/25 17:02	PB170165
100-02-7	4-Nitrophenol	440	U	1	140	440	ug/Kg	10/21/25 17:02	PB170165
132-64-9	Dibenzofuran	230	U	1	30.3	230	ug/Kg	10/21/25 17:02	PB170165
121-14-2	2,4-Dinitrotoluene	230	U	1	66.9	230	ug/Kg	10/21/25 17:02	PB170165
84-66-2	Diethylphthalate	230	U	1	37.8	230	ug/Kg	10/21/25 17:02	PB170165
7005-72-3	4-Chlorophenyl-phenylether	230	U	1	35.7	230	ug/Kg	10/21/25 17:02	PB170165
86-73-7	Fluorene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
100-01-6	4-Nitroaniline	230	U	1	85.7	230	ug/Kg	10/21/25 17:02	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	440	U	1	140	440	ug/Kg	10/21/25 17:02	PB170165

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S04-000013-20251016
Lab Sample ID: Q3375-02
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 74.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	230	U	1	43.9	230	ug/Kg	10/21/25 17:02	PB170165
101-55-3	4-Bromophenyl-phenylether	230	U	1	37.1	230	ug/Kg	10/21/25 17:02	PB170165
118-74-1	Hexachlorobenzene	230	U	1	33.8	230	ug/Kg	10/21/25 17:02	PB170165
1912-24-9	Atrazine	230	U	1	45.4	230	ug/Kg	10/21/25 17:02	PB170165
87-86-5	Pentachlorophenol	440	U	1	68.5	440	ug/Kg	10/21/25 17:02	PB170165
85-01-8	Phenanthrene	230	U	1	27.9	230	ug/Kg	10/21/25 17:02	PB170165
120-12-7	Anthracene	230	U	1	44.5	230	ug/Kg	10/21/25 17:02	PB170165
86-74-8	Carbazole	230	U	1	41.7	230	ug/Kg	10/21/25 17:02	PB170165
84-74-2	Di-n-butylphthalate	230	U	1	64.0	230	ug/Kg	10/21/25 17:02	PB170165
206-44-0	Fluoranthene	230	U	1	40.1	230	ug/Kg	10/21/25 17:02	PB170165
129-00-0	Pyrene	230	U	1	48.1	230	ug/Kg	10/21/25 17:02	PB170165
85-68-7	Butylbenzylphthalate	230	U	1	95.4	230	ug/Kg	10/21/25 17:02	PB170165
91-94-1	3,3-Dichlorobenzidine	440	U	1	49.0	440	ug/Kg	10/21/25 17:02	PB170165
56-55-3	Benzo(a)anthracene	230	U	1	30.7	230	ug/Kg	10/21/25 17:02	PB170165
218-01-9	Chrysene	230	U	1	26.6	230	ug/Kg	10/21/25 17:02	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	230	U	1	79.1	230	ug/Kg	10/21/25 17:02	PB170165
117-84-0	Di-n-octyl phthalate	440	U	1	120	440	ug/Kg	10/21/25 17:02	PB170165
205-99-2	Benzo(b)fluoranthene	230	U	1	25.4	230	ug/Kg	10/21/25 17:02	PB170165
207-08-9	Benzo(k)fluoranthene	230	U	1	29.9	230	ug/Kg	10/21/25 17:02	PB170165
50-32-8	Benzo(a)pyrene	230	U	1	39.4	230	ug/Kg	10/21/25 17:02	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	1	38.9	230	ug/Kg	10/21/25 17:02	PB170165
53-70-3	Dibenzo(a,h)anthracene	230	U	1	36.6	230	ug/Kg	10/21/25 17:02	PB170165
191-24-2	Benzo(g,h,i)perylene	230	U	1	34.3	230	ug/Kg	10/21/25 17:02	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	1	34.2	230	ug/Kg	10/21/25 17:02	PB170165
123-91-1	1,4-Dioxane	230	U	1	60.4	230	ug/Kg	10/21/25 17:02	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1	36.6	230	ug/Kg	10/21/25 17:02	PB170165

SURROGATES

367-12-4	2-Fluorophenol	87.8		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	85.8		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.3		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.2		20 - 109	61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.9		10 - 116	53%	SPK: 150
1718-51-0	Terphenyl-d14	44.1		10 - 105	44%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1 1,4-Dichlorobenzene-d4	117000
1146-65-2 Naphthalene-d8	420000
15067-26-2 Acenaphthene-d10	202000
1517-22-2 Phenanthrene-d10	309000
1719-03-5 Chrysene-d12	254000
1520-96-3 Perylene-d12	319000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	390	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	250	J	11.9	ug/Kg

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S04-000013-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-02		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	74.7
Sample Wt/Vol:	30.07 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
959218-78-1	Pentafluoropropionic acid, heptade	220	J			13.9	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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-000057-20251016
Lab Sample ID: Q3375-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 17:31	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 17:31	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 17:31	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 17:31	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 17:31	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.2	250	ug/Kg	10/21/25 17:31	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 17:31	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.6	490	ug/Kg	10/21/25 17:31	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 17:31	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 17:31	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 17:31	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 17:31	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.2	250	ug/Kg	10/21/25 17:31	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.1	250	ug/Kg	10/21/25 17:31	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 17:31	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 17:31	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 17:31	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 17:31	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 17:31	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 17:31	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 17:31	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 17:31	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.7	250	ug/Kg	10/21/25 17:31	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 17:31	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.7	250	ug/Kg	10/21/25 17:31	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 17:31	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 17:31	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 17:31	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 17:31	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 17:31	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 17:31	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 17:31	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 17:31	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 17:31	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 17:31	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 17:31	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 17:31	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 17:31	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.2	250	ug/Kg	10/21/25 17:31	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 17:31	PB170165

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S05-000057-20251016
Lab Sample ID: Q3375-03
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	49.3	250	ug/Kg	10/21/25 17:31	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 17:31	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 17:31	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 17:31	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 17:31	PB170165
85-01-8	Phenanthrene	250	U	1	31.3	250	ug/Kg	10/21/25 17:31	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 17:31	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 17:31	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 17:31	PB170165
206-44-0	Fluoranthene	250	U	1	44.9	250	ug/Kg	10/21/25 17:31	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 17:31	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 17:31	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	55.0	490	ug/Kg	10/21/25 17:31	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 17:31	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 17:31	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	1	88.7	250	ug/Kg	10/21/25 17:31	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 17:31	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.5	250	ug/Kg	10/21/25 17:31	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 17:31	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 17:31	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 17:31	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 17:31	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 17:31	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 17:31	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 17:31	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 17:31	PB170165

SURROGATES

367-12-4	2-Fluorophenol	59.8		18 - 112	40%	SPK: 150
13127-88-3	Phenol-d6	57.6		15 - 107	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.5		18 - 107	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.8		20 - 109	37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	47.6		10 - 116	32%	SPK: 150
1718-51-0	Terphenyl-d14	23.4		10 - 105	23%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	112000
1146-65-2	Naphthalene-d8	395000
15067-26-2	Acenaphthene-d10	187000
1517-22-2	Phenanthrene-d10	280000
1719-03-5	Chrysene-d12	258000
1520-96-3	Perylene-d12	325000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	220	J	10.6	ug/Kg
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Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S05-000057-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-03		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-010074-20251016
Lab Sample ID: Q3375-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 55.3
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	600	U	1	280	600	ug/Kg	10/21/25 18:01	PB170165
108-95-2	Phenol	310	U	1	40.0	310	ug/Kg	10/21/25 18:01	PB170165
111-44-4	bis(2-Chloroethyl)ether	310	U	1	43.9	310	ug/Kg	10/21/25 18:01	PB170165
95-57-8	2-Chlorophenol	310	U	1	44.1	310	ug/Kg	10/21/25 18:01	PB170165
95-48-7	2-Methylphenol	310	U	1	54.1	310	ug/Kg	10/21/25 18:01	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	1	67.8	310	ug/Kg	10/21/25 18:01	PB170165
98-86-2	Acetophenone	310	U	1	53.3	310	ug/Kg	10/21/25 18:01	PB170165
65794-96-9	3+4-Methylphenols	600	U	1	74.3	600	ug/Kg	10/21/25 18:01	PB170165
621-64-7	n-Nitroso-di-n-propylamine	140	U	1	85.7	140	ug/Kg	10/21/25 18:01	PB170165
67-72-1	Hexachloroethane	310	U	1	31.8	310	ug/Kg	10/21/25 18:01	PB170165
98-95-3	Nitrobenzene	310	U	1	33.1	310	ug/Kg	10/21/25 18:01	PB170165
78-59-1	Isophorone	310	U	1	59.3	310	ug/Kg	10/21/25 18:01	PB170165
88-75-5	2-Nitrophenol	310	U	1	110	310	ug/Kg	10/21/25 18:01	PB170165
105-67-9	2,4-Dimethylphenol	310	U	1	120	310	ug/Kg	10/21/25 18:01	PB170165
111-91-1	bis(2-Chloroethoxy)methane	310	U	1	55.7	310	ug/Kg	10/21/25 18:01	PB170165
120-83-2	2,4-Dichlorophenol	310	U	1	51.2	310	ug/Kg	10/21/25 18:01	PB170165
91-20-3	Naphthalene	310	U	1	41.0	310	ug/Kg	10/21/25 18:01	PB170165
106-47-8	4-Chloroaniline	310	U	1	64.0	310	ug/Kg	10/21/25 18:01	PB170165
87-68-3	Hexachlorobutadiene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
105-60-2	Caprolactam	600	U	1	94.2	600	ug/Kg	10/21/25 18:01	PB170165
59-50-7	4-Chloro-3-methylphenol	310	U	1	51.9	310	ug/Kg	10/21/25 18:01	PB170165
91-57-6	2-Methylnaphthalene	310	U	1	46.3	310	ug/Kg	10/21/25 18:01	PB170165
77-47-4	Hexachlorocyclopentadiene	600	U	1	210	600	ug/Kg	10/21/25 18:01	PB170165
88-06-2	2,4,6-Trichlorophenol	310	U	1	35.8	310	ug/Kg	10/21/25 18:01	PB170165
95-95-4	2,4,5-Trichlorophenol	310	U	1	52.6	310	ug/Kg	10/21/25 18:01	PB170165
92-52-4	1,1-Biphenyl	310	U	1	39.4	310	ug/Kg	10/21/25 18:01	PB170165
91-58-7	2-Chloronaphthalene	310	U	1	40.7	310	ug/Kg	10/21/25 18:01	PB170165
88-74-4	2-Nitroaniline	310	U	1	87.0	310	ug/Kg	10/21/25 18:01	PB170165
131-11-3	Dimethylphthalate	310	U	1	49.0	310	ug/Kg	10/21/25 18:01	PB170165
208-96-8	Acenaphthylene	310	U	1	52.2	310	ug/Kg	10/21/25 18:01	PB170165
606-20-2	2,6-Dinitrotoluene	310	U	1	60.7	310	ug/Kg	10/21/25 18:01	PB170165
99-09-2	3-Nitroaniline	310	U	1	83.2	310	ug/Kg	10/21/25 18:01	PB170165
83-32-9	Acenaphthene	310	U	1	38.5	310	ug/Kg	10/21/25 18:01	PB170165
51-28-5	2,4-Dinitrophenol	600	U	1	410	600	ug/Kg	10/21/25 18:01	PB170165
100-02-7	4-Nitrophenol	600	U	1	190	600	ug/Kg	10/21/25 18:01	PB170165
132-64-9	Dibenzofuran	310	U	1	41.0	310	ug/Kg	10/21/25 18:01	PB170165
121-14-2	2,4-Dinitrotoluene	310	U	1	90.6	310	ug/Kg	10/21/25 18:01	PB170165
84-66-2	Diethylphthalate	310	U	1	51.2	310	ug/Kg	10/21/25 18:01	PB170165
7005-72-3	4-Chlorophenyl-phenylether	310	U	1	48.3	310	ug/Kg	10/21/25 18:01	PB170165
86-73-7	Fluorene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
100-01-6	4-Nitroaniline	310	U	1	120	310	ug/Kg	10/21/25 18:01	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	600	U	1	190	600	ug/Kg	10/21/25 18:01	PB170165

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S02-010074-20251016
Lab Sample ID: Q3375-04
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 55.3
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	310	U	1	59.5	310	ug/Kg	10/21/25 18:01	PB170165
101-55-3	4-Bromophenyl-phenylether	310	U	1	50.3	310	ug/Kg	10/21/25 18:01	PB170165
118-74-1	Hexachlorobenzene	310	U	1	45.7	310	ug/Kg	10/21/25 18:01	PB170165
1912-24-9	Atrazine	310	U	1	61.5	310	ug/Kg	10/21/25 18:01	PB170165
87-86-5	Pentachlorophenol	600	U	1	92.7	600	ug/Kg	10/21/25 18:01	PB170165
85-01-8	Phenanthrene	310	U	1	37.8	310	ug/Kg	10/21/25 18:01	PB170165
120-12-7	Anthracene	310	U	1	60.2	310	ug/Kg	10/21/25 18:01	PB170165
86-74-8	Carbazole	310	U	1	56.4	310	ug/Kg	10/21/25 18:01	PB170165
84-74-2	Di-n-butylphthalate	310	U	1	86.6	310	ug/Kg	10/21/25 18:01	PB170165
206-44-0	Fluoranthene	310	U	1	54.2	310	ug/Kg	10/21/25 18:01	PB170165
129-00-0	Pyrene	310	U	1	65.1	310	ug/Kg	10/21/25 18:01	PB170165
85-68-7	Butylbenzylphthalate	310	U	1	130	310	ug/Kg	10/21/25 18:01	PB170165
91-94-1	3,3-Dichlorobenzidine	600	U	1	66.3	600	ug/Kg	10/21/25 18:01	PB170165
56-55-3	Benzo(a)anthracene	310	U	1	41.6	310	ug/Kg	10/21/25 18:01	PB170165
218-01-9	Chrysene	310	U	1	36.0	310	ug/Kg	10/21/25 18:01	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	1	110	310	ug/Kg	10/21/25 18:01	PB170165
117-84-0	Di-n-octyl phthalate	600	U	1	160	600	ug/Kg	10/21/25 18:01	PB170165
205-99-2	Benzo(b)fluoranthene	310	U	1	34.3	310	ug/Kg	10/21/25 18:01	PB170165
207-08-9	Benzo(k)fluoranthene	310	U	1	40.5	310	ug/Kg	10/21/25 18:01	PB170165
50-32-8	Benzo(a)pyrene	130	J	1	53.3	310	ug/Kg	10/21/25 18:01	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	310	U	1	52.6	310	ug/Kg	10/21/25 18:01	PB170165
53-70-3	Dibenzo(a,h)anthracene	310	U	1	49.5	310	ug/Kg	10/21/25 18:01	PB170165
191-24-2	Benzo(g,h,i)perylene	310	U	1	46.5	310	ug/Kg	10/21/25 18:01	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	1	46.3	310	ug/Kg	10/21/25 18:01	PB170165
123-91-1	1,4-Dioxane	310	U	1	81.7	310	ug/Kg	10/21/25 18:01	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	1	49.5	310	ug/Kg	10/21/25 18:01	PB170165

SURROGATES

367-12-4	2-Fluorophenol	84.6		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	82.3		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.6		18 - 107	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.7		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.6		10 - 116	48%	SPK: 150
1718-51-0	Terphenyl-d14	35.4		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	115000
1146-65-2	Naphthalene-d8	413000
15067-26-2	Acenaphthene-d10	191000
1517-22-2	Phenanthrene-d10	290000
1719-03-5	Chrysene-d12	267000
1520-96-3	Perylene-d12	332000

TENTATIVE IDENTIFIED COMPOUNDS

017301-23-4	Undecane, 2,6-dimethyl-	140	J	8.22	ug/Kg
074645-98-0	Dodecane, 2,7,10-trimethyl-	170	J	9.18	ug/Kg

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-S02-010074-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-04		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	55.3
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000119-61-9	Benzophenone	460	J			10.6	ug/Kg		
000629-50-5	Tridecane	180	J			11.3	ug/Kg		
000638-53-9	Tridecanoic acid	330	J			11.9	ug/Kg		
015594-90-8	1-Heneicosanol	270	J			13.9	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

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP02-074099-20251016
Lab Sample ID: Q3375-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	490	U	1	230	490	ug/Kg	10/21/25 18:30	PB170165
108-95-2	Phenol	250	U	1	33.1	250	ug/Kg	10/21/25 18:30	PB170165
111-44-4	bis(2-Chloroethyl)ether	250	U	1	36.4	250	ug/Kg	10/21/25 18:30	PB170165
95-57-8	2-Chlorophenol	250	U	1	36.5	250	ug/Kg	10/21/25 18:30	PB170165
95-48-7	2-Methylphenol	250	U	1	44.8	250	ug/Kg	10/21/25 18:30	PB170165
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	1	56.1	250	ug/Kg	10/21/25 18:30	PB170165
98-86-2	Acetophenone	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
65794-96-9	3+4-Methylphenols	490	U	1	61.5	490	ug/Kg	10/21/25 18:30	PB170165
621-64-7	n-Nitroso-di-n-propylamine	120	U	1	71.0	120	ug/Kg	10/21/25 18:30	PB170165
67-72-1	Hexachloroethane	250	U	1	26.4	250	ug/Kg	10/21/25 18:30	PB170165
98-95-3	Nitrobenzene	250	U	1	27.4	250	ug/Kg	10/21/25 18:30	PB170165
78-59-1	Isophorone	250	U	1	49.1	250	ug/Kg	10/21/25 18:30	PB170165
88-75-5	2-Nitrophenol	250	U	1	87.1	250	ug/Kg	10/21/25 18:30	PB170165
105-67-9	2,4-Dimethylphenol	250	U	1	97.0	250	ug/Kg	10/21/25 18:30	PB170165
111-91-1	bis(2-Chloroethoxy)methane	250	U	1	46.1	250	ug/Kg	10/21/25 18:30	PB170165
120-83-2	2,4-Dichlorophenol	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
91-20-3	Naphthalene	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
106-47-8	4-Chloroaniline	250	U	1	53.0	250	ug/Kg	10/21/25 18:30	PB170165
87-68-3	Hexachlorobutadiene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
105-60-2	Caprolactam	490	U	1	78.0	490	ug/Kg	10/21/25 18:30	PB170165
59-50-7	4-Chloro-3-methylphenol	250	U	1	43.0	250	ug/Kg	10/21/25 18:30	PB170165
91-57-6	2-Methylnaphthalene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
77-47-4	Hexachlorocyclopentadiene	490	U	1	170	490	ug/Kg	10/21/25 18:30	PB170165
88-06-2	2,4,6-Trichlorophenol	250	U	1	29.6	250	ug/Kg	10/21/25 18:30	PB170165
95-95-4	2,4,5-Trichlorophenol	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
92-52-4	1,1-Biphenyl	250	U	1	32.6	250	ug/Kg	10/21/25 18:30	PB170165
91-58-7	2-Chloronaphthalene	250	U	1	33.7	250	ug/Kg	10/21/25 18:30	PB170165
88-74-4	2-Nitroaniline	250	U	1	72.0	250	ug/Kg	10/21/25 18:30	PB170165
131-11-3	Dimethylphthalate	250	U	1	40.6	250	ug/Kg	10/21/25 18:30	PB170165
208-96-8	Acenaphthylene	250	U	1	43.3	250	ug/Kg	10/21/25 18:30	PB170165
606-20-2	2,6-Dinitrotoluene	250	U	1	50.3	250	ug/Kg	10/21/25 18:30	PB170165
99-09-2	3-Nitroaniline	250	U	1	68.9	250	ug/Kg	10/21/25 18:30	PB170165
83-32-9	Acenaphthene	250	U	1	31.9	250	ug/Kg	10/21/25 18:30	PB170165
51-28-5	2,4-Dinitrophenol	490	U	1	340	490	ug/Kg	10/21/25 18:30	PB170165
100-02-7	4-Nitrophenol	490	U	1	160	490	ug/Kg	10/21/25 18:30	PB170165
132-64-9	Dibenzofuran	250	U	1	34.0	250	ug/Kg	10/21/25 18:30	PB170165
121-14-2	2,4-Dinitrotoluene	250	U	1	75.0	250	ug/Kg	10/21/25 18:30	PB170165
84-66-2	Diethylphthalate	250	U	1	42.4	250	ug/Kg	10/21/25 18:30	PB170165
7005-72-3	4-Chlorophenyl-phenylether	250	U	1	40.0	250	ug/Kg	10/21/25 18:30	PB170165
86-73-7	Fluorene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
100-01-6	4-Nitroaniline	250	U	1	96.1	250	ug/Kg	10/21/25 18:30	PB170165
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1	150	490	ug/Kg	10/21/25 18:30	PB170165

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP02-074099-20251016
Lab Sample ID: Q3375-05
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25
Date Received: 10/16/25
SDG No.: Q3375
Matrix: SOIL
% Solid: 66.7
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	250	U	1	49.3	250	ug/Kg	10/21/25 18:30	PB170165
101-55-3	4-Bromophenyl-phenylether	250	U	1	41.6	250	ug/Kg	10/21/25 18:30	PB170165
118-74-1	Hexachlorobenzene	250	U	1	37.9	250	ug/Kg	10/21/25 18:30	PB170165
1912-24-9	Atrazine	250	U	1	50.9	250	ug/Kg	10/21/25 18:30	PB170165
87-86-5	Pentachlorophenol	490	U	1	76.8	490	ug/Kg	10/21/25 18:30	PB170165
85-01-8	Phenanthrene	99.8	J	1	31.3	250	ug/Kg	10/21/25 18:30	PB170165
120-12-7	Anthracene	250	U	1	49.9	250	ug/Kg	10/21/25 18:30	PB170165
86-74-8	Carbazole	250	U	1	46.7	250	ug/Kg	10/21/25 18:30	PB170165
84-74-2	Di-n-butylphthalate	250	U	1	71.7	250	ug/Kg	10/21/25 18:30	PB170165
206-44-0	Fluoranthene	160	J	1	44.9	250	ug/Kg	10/21/25 18:30	PB170165
129-00-0	Pyrene	250	U	1	53.9	250	ug/Kg	10/21/25 18:30	PB170165
85-68-7	Butylbenzylphthalate	250	U	1	110	250	ug/Kg	10/21/25 18:30	PB170165
91-94-1	3,3-Dichlorobenzidine	490	U	1	54.9	490	ug/Kg	10/21/25 18:30	PB170165
56-55-3	Benzo(a)anthracene	250	U	1	34.4	250	ug/Kg	10/21/25 18:30	PB170165
218-01-9	Chrysene	250	U	1	29.8	250	ug/Kg	10/21/25 18:30	PB170165
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	1	88.6	250	ug/Kg	10/21/25 18:30	PB170165
117-84-0	Di-n-octyl phthalate	490	U	1	130	490	ug/Kg	10/21/25 18:30	PB170165
205-99-2	Benzo(b)fluoranthene	250	U	1	28.4	250	ug/Kg	10/21/25 18:30	PB170165
207-08-9	Benzo(k)fluoranthene	250	U	1	33.5	250	ug/Kg	10/21/25 18:30	PB170165
50-32-8	Benzo(a)pyrene	250	U	1	44.2	250	ug/Kg	10/21/25 18:30	PB170165
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	1	43.6	250	ug/Kg	10/21/25 18:30	PB170165
53-70-3	Dibenzo(a,h)anthracene	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165
191-24-2	Benzo(g,h,i)perylene	250	U	1	38.5	250	ug/Kg	10/21/25 18:30	PB170165
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	1	38.3	250	ug/Kg	10/21/25 18:30	PB170165
123-91-1	1,4-Dioxane	250	U	1	67.7	250	ug/Kg	10/21/25 18:30	PB170165
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	1	41.0	250	ug/Kg	10/21/25 18:30	PB170165

SURROGATES

367-12-4	2-Fluorophenol	82.9		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	78.6		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.5		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.3		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.8		10 - 116	47%	SPK: 150
1718-51-0	Terphenyl-d14	35.0		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1 1,4-Dichlorobenzene-d4	117000
1146-65-2 Naphthalene-d8	418000
15067-26-2 Acenaphthene-d10	205000
1517-22-2 Phenanthrene-d10	300000
1719-03-5 Chrysene-d12	263000
1520-96-3 Perylene-d12	321000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	300	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	280	J	11.9	ug/Kg

Report of Analysis

Client:	AECOM		Date Collected:	10/16/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206		Date Received:	10/16/25
Client Sample ID:	PR132-DP02-074099-20251016		SDG No.:	Q3375
Lab Sample ID:	Q3375-05		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	66.7
Sample Wt/Vol:	30.04 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/20/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000295-48-7	Cyclopentadecane	150	J			13.9	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

LAB CHRONICLE

OrderID:	Q3375	OrderDate:	10/17/2025 10:32:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC -
Contact:	Rob Forstner	Location:	60993705-1719208 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3375-01	PR132-S02-074099-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-02	PR132-S04-000013-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-03	PR132-S05-000057-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-04	PR132-S02-010074-2 0251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	
Q3375-05	PR132-DP02-074099- 20251016	SOIL			10/16/25			10/16/25
			SVOC-TCL BNA -20	8270E		10/20/25	10/21/25	