

Report of Analysis

Client: Woodard & Curran
Project: US EPA Riverside Industrial Park Superfund Site
Client Sample ID: B127(8-10)120925
Lab Sample ID: Q3834-30
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/11/25

Date Collected: 12/09/25
Date Received: 12/10/25
SDG No.: Q3834
Matrix: SOIL
% Solid: 63.1
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	250	U	1	250	520	ug/Kg	12/11/25 21:22	PB170902
108-95-2	Phenol	35.0	U	1	35.0	270	ug/Kg	12/11/25 21:22	PB170902
111-44-4	bis(2-Chloroethyl)ether	38.4	U	1	38.4	270	ug/Kg	12/11/25 21:22	PB170902
95-57-8	2-Chlorophenol	38.6	U	1	38.6	270	ug/Kg	12/11/25 21:22	PB170902
95-48-7	2-Methylphenol	47.3	U	1	47.3	270	ug/Kg	12/11/25 21:22	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	59.3	U	1	59.3	270	ug/Kg	12/11/25 21:22	PB170902
98-86-2	Acetophenone	46.7	U	1	46.7	270	ug/Kg	12/11/25 21:22	PB170902
65794-96-9	3+4-Methylphenols	65.0	U	1	65.0	520	ug/Kg	12/11/25 21:22	PB170902
621-64-7	n-Nitroso-di-n-propylamine	75.0	U	1	75.0	130	ug/Kg	12/11/25 21:22	PB170902
67-72-1	Hexachloroethane	27.8	U	1	27.8	270	ug/Kg	12/11/25 21:22	PB170902
98-95-3	Nitrobenzene	29.0	U	1	29.0	270	ug/Kg	12/11/25 21:22	PB170902
78-59-1	Isophorone	51.9	U	1	51.9	270	ug/Kg	12/11/25 21:22	PB170902
88-75-5	2-Nitrophenol	92.1	U	1	92.1	270	ug/Kg	12/11/25 21:22	PB170902
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	12/11/25 21:22	PB170902
111-91-1	bis(2-Chloroethoxy)methane	48.7	U	1	48.7	270	ug/Kg	12/11/25 21:22	PB170902
120-83-2	2,4-Dichlorophenol	44.8	U	1	44.8	270	ug/Kg	12/11/25 21:22	PB170902
91-20-3	Naphthalene	35.9	U	1	35.9	270	ug/Kg	12/11/25 21:22	PB170902
106-47-8	4-Chloroaniline	56.0	UQ	1	56.0	270	ug/Kg	12/11/25 21:22	PB170902
87-68-3	Hexachlorobutadiene	40.0	U	1	40.0	270	ug/Kg	12/11/25 21:22	PB170902
105-60-2	Caprolactam	82.4	U	1	82.4	520	ug/Kg	12/11/25 21:22	PB170902
59-50-7	4-Chloro-3-methylphenol	45.4	U	1	45.4	270	ug/Kg	12/11/25 21:22	PB170902
91-57-6	2-Methylnaphthalene	40.5	U	1	40.5	270	ug/Kg	12/11/25 21:22	PB170902
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	12/11/25 21:22	PB170902
88-06-2	2,4,6-Trichlorophenol	31.3	U	1	31.3	270	ug/Kg	12/11/25 21:22	PB170902
95-95-4	2,4,5-Trichlorophenol	46.0	U	1	46.0	270	ug/Kg	12/11/25 21:22	PB170902
92-52-4	1,1-Biphenyl	34.5	U	1	34.5	270	ug/Kg	12/11/25 21:22	PB170902
91-58-7	2-Chloronaphthalene	35.6	U	1	35.6	270	ug/Kg	12/11/25 21:22	PB170902
88-74-4	2-Nitroaniline	76.1	U	1	76.1	270	ug/Kg	12/11/25 21:22	PB170902
131-11-3	Dimethylphthalate	42.9	U	1	42.9	270	ug/Kg	12/11/25 21:22	PB170902
208-96-8	Acenaphthylene	45.7	U	1	45.7	270	ug/Kg	12/11/25 21:22	PB170902
606-20-2	2,6-Dinitrotoluene	53.2	U	1	53.2	270	ug/Kg	12/11/25 21:22	PB170902
99-09-2	3-Nitroaniline	72.8	UQ	1	72.8	270	ug/Kg	12/11/25 21:22	PB170902
83-32-9	Acenaphthene	33.7	U	1	33.7	270	ug/Kg	12/11/25 21:22	PB170902
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	12/11/25 21:22	PB170902
100-02-7	4-Nitrophenol	170	U	1	170	520	ug/Kg	12/11/25 21:22	PB170902
132-64-9	Dibenzofuran	35.9	U	1	35.9	270	ug/Kg	12/11/25 21:22	PB170902
121-14-2	2,4-Dinitrotoluene	79.3	U	1	79.3	270	ug/Kg	12/11/25 21:22	PB170902
84-66-2	Diethylphthalate	44.8	U	1	44.8	270	ug/Kg	12/11/25 21:22	PB170902
7005-72-3	4-Chlorophenyl-phenylether	42.2	U	1	42.2	270	ug/Kg	12/11/25 21:22	PB170902
86-73-7	Fluorene	40.0	U	1	40.0	270	ug/Kg	12/11/25 21:22	PB170902
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	12/11/25 21:22	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	12/11/25 21:22	PB170902

Report of Analysis

Client: Woodard & Curran
Project: US EPA Riverside Industrial Park Superfund Site
Client Sample ID: B127(8-10)120925
Lab Sample ID: Q3834-30
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL
Prep Method: SW3541 Prep Date: 12/11/25

Date Collected: 12/09/25
Date Received: 12/10/25
SDG No.: Q3834
Matrix: SOIL
% Solid: 63.1
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	52.1	U	1	52.1	270	ug/Kg	12/11/25 21:22	PB170902
101-55-3	4-Bromophenyl-phenylether	44.0	U	1	44.0	270	ug/Kg	12/11/25 21:22	PB170902
118-74-1	Hexachlorobenzene	40.0	U	1	40.0	270	ug/Kg	12/11/25 21:22	PB170902
1912-24-9	Atrazine	53.8	U	1	53.8	270	ug/Kg	12/11/25 21:22	PB170902
87-86-5	Pentachlorophenol	81.2	U	1	81.2	520	ug/Kg	12/11/25 21:22	PB170902
85-01-8	Phenanthrene	130	J	1	33.1	270	ug/Kg	12/11/25 21:22	PB170902
120-12-7	Anthracene	52.7	U	1	52.7	270	ug/Kg	12/11/25 21:22	PB170902
86-74-8	Carbazole	49.4	U	1	49.4	270	ug/Kg	12/11/25 21:22	PB170902
84-74-2	Di-n-butylphthalate	75.8	U	1	75.8	270	ug/Kg	12/11/25 21:22	PB170902
206-44-0	Fluoranthene	290		1	47.5	270	ug/Kg	12/11/25 21:22	PB170902
129-00-0	Pyrene	310		1	57.0	270	ug/Kg	12/11/25 21:22	PB170902
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	12/11/25 21:22	PB170902
91-94-1	3,3-Dichlorobenzidine	58.1	U	1	58.1	520	ug/Kg	12/11/25 21:22	PB170902
56-55-3	Benzo(a)anthracene	180	J	1	36.4	270	ug/Kg	12/11/25 21:22	PB170902
218-01-9	Chrysene	180	J	1	31.5	270	ug/Kg	12/11/25 21:22	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	93.7	U	1	93.7	270	ug/Kg	12/11/25 21:22	PB170902
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	12/11/25 21:22	PB170902
205-99-2	Benzo(b)fluoranthene	200	J	1	30.1	270	ug/Kg	12/11/25 21:22	PB170902
207-08-9	Benzo(k)fluoranthene	35.4	U	1	35.4	270	ug/Kg	12/11/25 21:22	PB170902
50-32-8	Benzo(a)pyrene	210	J	1	46.7	270	ug/Kg	12/11/25 21:22	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	46.0	U	1	46.0	270	ug/Kg	12/11/25 21:22	PB170902
53-70-3	Dibenzo(a,h)anthracene	43.4	U	1	43.4	270	ug/Kg	12/11/25 21:22	PB170902
191-24-2	Benzo(g,h,i)perylene	130	J	1	40.7	270	ug/Kg	12/11/25 21:22	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	40.5	U	1	40.5	270	ug/Kg	12/11/25 21:22	PB170902
123-91-1	1,4-Dioxane	71.5	U	1	71.5	270	ug/Kg	12/11/25 21:22	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	43.4	U	1	43.4	270	ug/Kg	12/11/25 21:22	PB170902

SURROGATES

367-12-4	2-Fluorophenol	71.3			30 (10) - 130 (105)	48%	SPK: 150
13127-88-3	Phenol-d6	67.3			30 (10) - 130 (103)	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.5			30 (10) - 130 (108)	47%	SPK: 100
321-60-8	2-Fluorobiphenyl	45.5			30 (10) - 130 (108)	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.7			30 (10) - 130 (116)	51%	SPK: 150
1718-51-0	Terphenyl-d14	42.9			30 (10) - 130 (109)	43%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	228000
1146-65-2	Naphthalene-d8	853000
15067-26-2	Acenaphthene-d10	527000
1517-22-2	Phenanthrene-d10	1070000
1719-03-5	Chrysene-d12	1270000
1520-96-3	Perylene-d12	1500000

TENTATIVE IDENTIFIED COMPOUNDS

000121-44-8	Triethylamine	170	J	2.99	ug/Kg
000527-60-6	Phenol, 2,4,6-trimethyl-	130	J	10.6	ug/Kg

Report of Analysis

Client:	Woodard & Curran	Date Collected:	12/09/25
Project:	US EPA Riverside Industrial Park Superfund Site	Date Received:	12/10/25
Client Sample ID:	B127(8-10)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-30	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	63.1
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.05 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000098-54-4	Phenol, p-tert-butyl-	600	J			11.8	ug/Kg		
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	140	J			13.1	ug/Kg		
000119-61-9	Benzophenone	340	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	300	JB			18.0	ug/Kg		
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	110	J			18.6	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	110	J			19.3	ug/Kg		
959085-66-6	Heptadecyl heptafluorobutyrate	130	J			21.2	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