

Report of Analysis

Client: Woodard & Curran
Project: US EPA Riverside Industrial Park Superfund Site
Client Sample ID: B127(5.5-8)120925
Lab Sample ID: Q3834-29
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 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: 60.8
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	260	U	1	260	540	ug/Kg	12/11/25 20:41	PB170902
108-95-2	Phenol	36.3	U	1	36.3	280	ug/Kg	12/11/25 20:41	PB170902
111-44-4	bis(2-Chloroethyl)ether	39.9	U	1	39.9	280	ug/Kg	12/11/25 20:41	PB170902
95-57-8	2-Chlorophenol	40.1	U	1	40.1	280	ug/Kg	12/11/25 20:41	PB170902
95-48-7	2-Methylphenol	49.1	U	1	49.1	280	ug/Kg	12/11/25 20:41	PB170902
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	1	61.6	280	ug/Kg	12/11/25 20:41	PB170902
98-86-2	Acetophenone	48.5	U	1	48.5	280	ug/Kg	12/11/25 20:41	PB170902
65794-96-9	3+4-Methylphenols	67.5	U	1	67.5	540	ug/Kg	12/11/25 20:41	PB170902
621-64-7	n-Nitroso-di-n-propylamine	77.9	U	1	77.9	130	ug/Kg	12/11/25 20:41	PB170902
67-72-1	Hexachloroethane	28.9	U	1	28.9	280	ug/Kg	12/11/25 20:41	PB170902
98-95-3	Nitrobenzene	30.1	U	1	30.1	280	ug/Kg	12/11/25 20:41	PB170902
78-59-1	Isophorone	53.9	U	1	53.9	280	ug/Kg	12/11/25 20:41	PB170902
88-75-5	2-Nitrophenol	95.6	U	1	95.6	280	ug/Kg	12/11/25 20:41	PB170902
105-67-9	2,4-Dimethylphenol	110	U	1	110	280	ug/Kg	12/11/25 20:41	PB170902
111-91-1	bis(2-Chloroethoxy)methane	50.6	U	1	50.6	280	ug/Kg	12/11/25 20:41	PB170902
120-83-2	2,4-Dichlorophenol	46.5	U	1	46.5	280	ug/Kg	12/11/25 20:41	PB170902
91-20-3	Naphthalene	37.3	U	1	37.3	280	ug/Kg	12/11/25 20:41	PB170902
106-47-8	4-Chloroaniline	58.2	UQ	1	58.2	280	ug/Kg	12/11/25 20:41	PB170902
87-68-3	Hexachlorobutadiene	41.6	U	1	41.6	280	ug/Kg	12/11/25 20:41	PB170902
105-60-2	Caprolactam	85.6	U	1	85.6	540	ug/Kg	12/11/25 20:41	PB170902
59-50-7	4-Chloro-3-methylphenol	47.2	U	1	47.2	280	ug/Kg	12/11/25 20:41	PB170902
91-57-6	2-Methylnaphthalene	42.1	U	1	42.1	280	ug/Kg	12/11/25 20:41	PB170902
77-47-4	Hexachlorocyclopentadiene	190	U	1	190	540	ug/Kg	12/11/25 20:41	PB170902
88-06-2	2,4,6-Trichlorophenol	32.5	U	1	32.5	280	ug/Kg	12/11/25 20:41	PB170902
95-95-4	2,4,5-Trichlorophenol	47.8	U	1	47.8	280	ug/Kg	12/11/25 20:41	PB170902
92-52-4	1,1-Biphenyl	35.8	U	1	35.8	280	ug/Kg	12/11/25 20:41	PB170902
91-58-7	2-Chloronaphthalene	37.0	U	1	37.0	280	ug/Kg	12/11/25 20:41	PB170902
88-74-4	2-Nitroaniline	79.0	U	1	79.0	280	ug/Kg	12/11/25 20:41	PB170902
131-11-3	Dimethylphthalate	44.5	U	1	44.5	280	ug/Kg	12/11/25 20:41	PB170902
208-96-8	Acenaphthylene	47.5	U	1	47.5	280	ug/Kg	12/11/25 20:41	PB170902
606-20-2	2,6-Dinitrotoluene	55.2	U	1	55.2	280	ug/Kg	12/11/25 20:41	PB170902
99-09-2	3-Nitroaniline	75.6	UQ	1	75.6	280	ug/Kg	12/11/25 20:41	PB170902
83-32-9	Acenaphthene	35.0	U	1	35.0	280	ug/Kg	12/11/25 20:41	PB170902
51-28-5	2,4-Dinitrophenol	380	U	1	380	540	ug/Kg	12/11/25 20:41	PB170902
100-02-7	4-Nitrophenol	180	U	1	180	540	ug/Kg	12/11/25 20:41	PB170902
132-64-9	Dibenzofuran	37.3	U	1	37.3	280	ug/Kg	12/11/25 20:41	PB170902
121-14-2	2,4-Dinitrotoluene	82.3	U	1	82.3	280	ug/Kg	12/11/25 20:41	PB170902
84-66-2	Diethylphthalate	46.5	U	1	46.5	280	ug/Kg	12/11/25 20:41	PB170902
7005-72-3	4-Chlorophenyl-phenylether	43.9	U	1	43.9	280	ug/Kg	12/11/25 20:41	PB170902
86-73-7	Fluorene	41.6	U	1	41.6	280	ug/Kg	12/11/25 20:41	PB170902
100-01-6	4-Nitroaniline	110	U	1	110	280	ug/Kg	12/11/25 20:41	PB170902
534-52-1	4,6-Dinitro-2-methylphenol	170	U	1	170	540	ug/Kg	12/11/25 20:41	PB170902

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Client Sample ID:	B127(5.5-8)120925	SDG No.:	Q3834
Lab Sample ID:	Q3834-29	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	60.8
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Level:	LOW
		Final Vol:	1000 uL
		Prep Date:	12/11/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	54.1	U	1	54.1	280	ug/Kg	12/11/25 20:41	PB170902
101-55-3	4-Bromophenyl-phenylether	45.7	U	1	45.7	280	ug/Kg	12/11/25 20:41	PB170902
118-74-1	Hexachlorobenzene	41.6	U	1	41.6	280	ug/Kg	12/11/25 20:41	PB170902
1912-24-9	Atrazine	55.9	U	1	55.9	280	ug/Kg	12/11/25 20:41	PB170902
87-86-5	Pentachlorophenol	84.3	U	1	84.3	540	ug/Kg	12/11/25 20:41	PB170902
85-01-8	Phenanthrene	34.3	U	1	34.3	280	ug/Kg	12/11/25 20:41	PB170902
120-12-7	Anthracene	54.7	U	1	54.7	280	ug/Kg	12/11/25 20:41	PB170902
86-74-8	Carbazole	51.3	U	1	51.3	280	ug/Kg	12/11/25 20:41	PB170902
84-74-2	Di-n-butylphthalate	78.7	U	1	78.7	280	ug/Kg	12/11/25 20:41	PB170902
206-44-0	Fluoranthene	49.3	U	1	49.3	280	ug/Kg	12/11/25 20:41	PB170902
129-00-0	Pyrene	59.2	U	1	59.2	280	ug/Kg	12/11/25 20:41	PB170902
85-68-7	Butylbenzylphthalate	120	U	1	120	280	ug/Kg	12/11/25 20:41	PB170902
91-94-1	3,3-Dichlorobenzidine	60.3	U	1	60.3	540	ug/Kg	12/11/25 20:41	PB170902
56-55-3	Benzo(a)anthracene	37.8	U	1	37.8	280	ug/Kg	12/11/25 20:41	PB170902
218-01-9	Chrysene	32.7	U	1	32.7	280	ug/Kg	12/11/25 20:41	PB170902
117-81-7	Bis(2-ethylhexyl)phthalate	97.3	U	1	97.3	280	ug/Kg	12/11/25 20:41	PB170902
117-84-0	Di-n-octyl phthalate	140	U	1	140	540	ug/Kg	12/11/25 20:41	PB170902
205-99-2	Benzo(b)fluoranthene	31.2	U	1	31.2	280	ug/Kg	12/11/25 20:41	PB170902
207-08-9	Benzo(k)fluoranthene	36.8	U	1	36.8	280	ug/Kg	12/11/25 20:41	PB170902
50-32-8	Benzo(a)pyrene	48.5	U	1	48.5	280	ug/Kg	12/11/25 20:41	PB170902
193-39-5	Indeno(1,2,3-cd)pyrene	47.8	U	1	47.8	280	ug/Kg	12/11/25 20:41	PB170902
53-70-3	Dibenzo(a,h)anthracene	45.0	U	1	45.0	280	ug/Kg	12/11/25 20:41	PB170902
191-24-2	Benzo(g,h,i)perylene	42.2	U	1	42.2	280	ug/Kg	12/11/25 20:41	PB170902
95-94-3	1,2,4,5-Tetrachlorobenzene	42.1	U	1	42.1	280	ug/Kg	12/11/25 20:41	PB170902
123-91-1	1,4-Dioxane	74.3	U	1	74.3	280	ug/Kg	12/11/25 20:41	PB170902
58-90-2	2,3,4,6-Tetrachlorophenol	45.0	U	1	45.0	280	ug/Kg	12/11/25 20:41	PB170902

SURROGATES

367-12-4	2-Fluorophenol	63.2			30 (10) - 130 (105)	42%	SPK: 150
13127-88-3	Phenol-d6	58.3			30 (10) - 130 (103)	39%	SPK: 150
4165-60-0	Nitrobenzene-d5	39.7			30 (10) - 130 (108)	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.4			30 (10) - 130 (108)	36%	SPK: 100
118-79-6	2,4,6-Tribromophenol	63.9			30 (10) - 130 (116)	43%	SPK: 150
1718-51-0	Terphenyl-d14	35.6			30 (10) - 130 (109)	36%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	211000
1146-65-2	Naphthalene-d8	837000
15067-26-2	Acenaphthene-d10	544000
1517-22-2	Phenanthrene-d10	1090000
1719-03-5	Chrysene-d12	1250000
1520-96-3	Perylene-d12	1480000

TENTATIVE IDENTIFIED COMPOUNDS

001678-93-9	Cyclohexane, butyl-	1000	J	7.94	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	860	J	9.35	ug/Kg

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	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.03 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 12/11/25		

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004292-92-6	Cyclohexane, pentyl-	790	J			9.55	ug/Kg		
002958-75-0	1-Methyldecahydronaphthalene	1200	J			9.61	ug/Kg		
062108-26-3	Decane, 2,6,8-trimethyl-	1000	J			10.6	ug/Kg		
031295-56-4	Dodecane, 2,6,11-trimethyl-	1300	J			12.8	ug/Kg		
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	1400	J			13.8	ug/Kg		
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1000	J			16.1	ug/Kg		
002221-95-6	(1S,4aS,4bS,7S,8aS,10aS)-7-Isoprop	1300	J			18.6	ug/Kg		
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	3700	J			18.8	ug/Kg		
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	1300	J			18.9	ug/Kg		
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	4400	J			19.3	ug/Kg		
000483-65-8	Retene	1400	J			20.1	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