

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434

Analytical Method: 8270E

Client: AECOM

DataFile: BG064638.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170286BS	Benzaldehyde	50	11.4	ug/L	23				10	162	
	Phenol	50	38.9	ug/L	78				66	118	
	bis(2-Chloroethyl)ether	50	35.9	ug/L	72				62	103	
	2-Chlorophenol	50	43.7	ug/L	87				70	117	
	2-Methylphenol	50	40.8	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	35.8	ug/L	72				65	100	
	Acetophenone	50	40.5	ug/L	81				60	104	
	3+4-Methylphenols	50	38.9	ug/L	78				67	106	
	N-Nitroso-di-n-propylamine	50	38.1	ug/L	76				57	107	
	Hexachloroethane	50	40.6	ug/L	81				76	118	
	Nitrobenzene	50	43.9	ug/L	88				58	106	
	Isophorone	50	37.1	ug/L	74				61	102	
	2-Nitrophenol	50	47.8	ug/L	96				70	115	
	2,4-Dimethylphenol	50	45.1	ug/L	90				42	142	
	bis(2-Chloroethoxy)methane	50	38.1	ug/L	76				58	109	
	2,4-Dichlorophenol	50	44.2	ug/L	88				66	115	
	Naphthalene	50	38.0	ug/L	76				64	107	
	4-Chloroaniline	50	19.7	ug/L	39				10	85	
	Hexachlorobutadiene	50	40.7	ug/L	81				69	101	
	Caprolactam	50	39.1	ug/L	78				58	128	
	4-Chloro-3-methylphenol	50	41.8	ug/L	84				65	114	
	2-Methylnaphthalene	50	34.6	ug/L	69				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	47.1	ug/L	94				61	110	
	2,4,5-Trichlorophenol	50	44.9	ug/L	90				70	106	
	1,1-Biphenyl	50	42.2	ug/L	84				72	98	
	2-Chloronaphthalene	50	39.4	ug/L	79				59	106	
	2-Nitroaniline	50	45.5	ug/L	91				73	114	
	Dimethylphthalate	50	40.5	ug/L	81				64	103	
	Acenaphthylene	50	44.6	ug/L	89				79	103	
	2,6-Dinitrotoluene	50	50.0	ug/L	100				64	110	
	3-Nitroaniline	50	33.5	ug/L	67				28	100	
	Acenaphthene	50	45.1	ug/L	90				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	
	4-Nitrophenol	100	95.8	ug/L	96				45	147	
	Dibenzofuran	50	40.5	ug/L	81				65	106	
	2,4-Dinitrotoluene	50	48.4	ug/L	97				60	115	
	Diethylphthalate	50	39.9	ug/L	80				63	105	
	4-Chlorophenyl-phenylether	50	40.7	ug/L	81				61	104	
	Fluorene	50	41.0	ug/L	82				64	107	
	4-Nitroaniline	50	47.7	ug/L	95				55	125	
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50	41.6	ug/L	83				61	109	
	4-Bromophenyl-phenylether	50	41.5	ug/L	83				73	103	

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							Qual	Qual	Low	High	
PB170286BS	Hexachlorobenzene	50	41.8	ug/L	84				73	106	
	Atrazine	50	42.1	ug/L	84				76	120	
	Pentachlorophenol	100	93.8	ug/L	94				47	114	
	Phenanthrene	50	40.4	ug/L	81				62	109	
	Anthracene	50	40.2	ug/L	80				65	110	
	Carbazole	50	41.3	ug/L	83				62	106	
	Di-n-butylphthalate	50	39.4	ug/L	79				64	106	
	Fluoranthene	50	41.6	ug/L	83				64	110	
	Pyrene	50	38.0	ug/L	76				71	103	
	Butylbenzylphthalate	50	43.4	ug/L	87				61	105	
	3,3-Dichlorobenzidine	50	30.5	ug/L	61				43	108	
	Benzo(a)anthracene	50	40.7	ug/L	81				62	107	
	Chrysene	50	40.2	ug/L	80				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.9	ug/L	86				59	110	
	Di-n-octyl phthalate	50	44.5	ug/L	89				52	139	
	Benzo(b)fluoranthene	50	43.3	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	43.1	ug/L	86				77	105	
	Benzo(a)pyrene	50	45.1	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50	43.3	ug/L	87				72	105	
	Dibenz(a,h)anthracene	50	43.7	ug/L	87				78	115	
	Benzo(g,h,i)perylene	50	45.2	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.1	ug/L	86				72	101	
	1,4-Dioxane	50	30.4	ug/L	61				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.0	ug/L	100				63	116	