

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3541

Analytical Method:

8270E

Client: PSEG

DataFile:

BP026078.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170424BS	Benzaldehyde	50	32.3	ug/L	65				10	162	
	Phenol	50	46.6	ug/L	93				66	118	
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83				62	103	
	2-Chlorophenol	50	47.9	ug/L	96				70	117	
	2-Methylphenol	50	48.1	ug/L	96				69	109	
	2,2-oxybis(1-Chloropropane)	50	38.4	ug/L	77				65	100	
	Acetophenone	50	47.6	ug/L	95				60	104	
	3+4-Methylphenols	50	47.9	ug/L	96				67	106	
	N-Nitroso-di-n-propylamine	50	44.5	ug/L	89				57	107	
	Hexachloroethane	50	43.4	ug/L	87				76	118	
	Nitrobenzene	50	44.6	ug/L	89				58	106	
	Isophorone	50	44.2	ug/L	88				61	102	
	2-Nitrophenol	50	59.5	ug/L	119		*		70	115	
	2,4-Dimethylphenol	50	52.0	ug/L	104				42	142	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87				58	109	
	2,4-Dichlorophenol	50	50.0	ug/L	100				66	115	
	Naphthalene	50	41.9	ug/L	84				64	107	
	4-Chloroaniline	50	29.8	ug/L	60				10	85	
	Hexachlorobutadiene	50	42.1	ug/L	84				69	101	
	Caprolactam	50	54.1	ug/L	108				58	128	
	4-Chloro-3-methylphenol	50	52.4	ug/L	105				65	114	
	2-Methylnaphthalene	50	39.6	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	51.4	ug/L	103				61	110	
	2,4,5-Trichlorophenol	50	50.4	ug/L	101				70	106	
	1,1-Biphenyl	50	46.8	ug/L	94				72	98	
	2-Chloronaphthalene	50	41.3	ug/L	83				59	106	
	2-Nitroaniline	50	49.0	ug/L	98				73	114	
	Dimethylphthalate	50	46.9	ug/L	94				64	103	
	Acenaphthylene	50	50.0	ug/L	100				79	103	
	2,6-Dinitrotoluene	50	53.2	ug/L	106				64	110	
	3-Nitroaniline	50	38.2	ug/L	76				28	100	
	Acenaphthene	50	40.5	ug/L	81				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	
	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	43.9	ug/L	88				65	106	
	2,4-Dinitrotoluene	50	53.2	ug/L	106				60	115	
	Diethylphthalate	50	47.7	ug/L	95				63	105	
	4-Chlorophenyl-phenylether	50	44.2	ug/L	88				61	104	
	Fluorene	50	45.1	ug/L	90				64	107	
	4-Nitroaniline	50	53.1	ug/L	106				55	125	
	4,6-Dinitro-2-methylphenol	50	57.8	ug/L	116				62	132	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				61	109	
	4-Bromophenyl-phenylether	50	43.3	ug/L	87				73	103	

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								Qual	Low	High	RPD
PB170424BS	Hexachlorobenzene	50	44.3	ug/L	89				73	106	
	Atrazine	50	50.8	ug/L	102				76	120	
	Pentachlorophenol	100	120	ug/L	120		*		47	114	
	Phenanthrene	50	43.1	ug/L	86				62	109	
	Anthracene	50	44.3	ug/L	89				65	110	
	Carbazole	50	45.9	ug/L	92				62	106	
	Di-n-butylphthalate	50	49.2	ug/L	98				64	106	
	Fluoranthene	50	46.3	ug/L	93				64	110	
	Pyrene	50	43.7	ug/L	87				71	103	
	Butylbenzylphthalate	50	52.6	ug/L	105				61	105	
	3,3-Dichlorobenzidine	50	39.4	ug/L	79				43	108	
	Benzo(a)anthracene	50	44.1	ug/L	88				62	107	
	Chrysene	50	42.8	ug/L	86				61	108	
	bis(2-Ethylhexyl)phthalate	50	48.9	ug/L	98				59	110	
	Di-n-octyl phthalate	50	58.0	ug/L	116				52	139	
	Benzo(b)fluoranthene	50	47.0	ug/L	94				77	113	
	Benzo(k)fluoranthene	50	45.4	ug/L	91				77	105	
	Benzo(a)pyrene	50	48.9	ug/L	98				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	48.3	ug/L	97				78	115	
	Benzo(g,h,i)perylene	50	49.0	ug/L	98				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.7	ug/L	89				72	101	
	1,4-Dioxane	50	33.5	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	57.8	ug/L	116				63	116	