

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592

Analytical Method: SW8270E

Client: PARSONS Engineering of New York, Inc.

DataFile: BP025191.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2597-01MS		Client Sample ID: CHRT-26899MS									
Benzaldehyde	1000	0	880	ug/Kg	88				10	171	
Phenol	1000	0	860	ug/Kg	86				51	122	
bis(2-Chloroethyl)ether	1000	0	840	ug/Kg	84				54	125	
2-Chlorophenol	1000	0	910	ug/Kg	91				51	121	
2-Methylphenol	1000	0	930	ug/Kg	93				47	125	
2,2-oxybis(1-Chloropropane)	1000	0	800	ug/Kg	80				46	119	
Acetophenone	1000	0	800	ug/Kg	80				55	128	
3+4-Methylphenols	1000	0	900	ug/Kg	90				49	125	
N-Nitroso-di-n-propylamine	1000	0	790	ug/Kg	79				59	119	
Hexachloroethane	1000	0	920	ug/Kg	92				51	116	
Nitrobenzene	1000	0	880	ug/Kg	88				47	124	
Isophorone	1000	0	900	ug/Kg	90				49	127	
2-Nitrophenol	1000	0	1000	ug/Kg	100				43	131	
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120				63	151	
bis(2-Chloroethoxy)methane	1000	0	850	ug/Kg	85				51	119	
2,4-Dichlorophenol	1000	0	950	ug/Kg	95				50	122	
Naphthalene	1000	0	840	ug/Kg	84				51	121	
4-Chloroaniline	1000	0	440	ug/Kg	44				10	100	
Hexachlorobutadiene	1000	0	980	ug/Kg	98				44	126	
Caprolactam	1000	0	860	ug/Kg	86				51	134	
4-Chloro-3-methylphenol	1000	0	880	ug/Kg	88				57	132	
2-Methylnaphthalene	1000	0	770	ug/Kg	77				59	123	
Hexachlorocyclopentadiene	2000	0	2500	ug/Kg	125				10	175	
2,4,6-Trichlorophenol	1000	0	1100	ug/Kg	110				33	141	
2,4,5-Trichlorophenol	1000	0	1000	ug/Kg	100				38	135	
1,1-Biphenyl	1000	0	880	ug/Kg	88				55	131	
2-Chloronaphthalene	1000	0	910	ug/Kg	91				48	124	
2-Nitroaniline	1000	0	940	ug/Kg	94				47	134	
Dimethylphthalate	1000	0	850	ug/Kg	85				54	120	
Acenaphthylene	1000	0	950	ug/Kg	95				57	125	
2,6-Dinitrotoluene	1000	0	1000	ug/Kg	100				48	127	
3-Nitroaniline	1000	0	810	ug/Kg	81				10	112	
Acenaphthene	1000	0	850	ug/Kg	85				70	121	
2,4-Dinitrophenol	2000	0	1100	ug/Kg	55				10	155	
4-Nitrophenol	2000	0	1800	ug/Kg	90				10	175	
Dibenzofuran	1000	0	810	ug/Kg	81				52	114	
2,4-Dinitrotoluene	1000	0	900	ug/Kg	90				41	140	
Diethylphthalate	1000	0	810	ug/Kg	81				51	119	
4-Chlorophenyl-phenylether	1000	0	820	ug/Kg	82				48	122	
Fluorene	1000	0	790	ug/Kg	79				53	118	
4-Nitroaniline	1000	0	830	ug/Kg	83				29	140	
4,6-Dinitro-2-methylphenol	1000	0	690	ug/Kg	69				10	160	
N-Nitrosodiphenylamine	1000	0	970	ug/Kg	97				73	118	
4-Bromophenyl-phenylether	1000	0	1100	ug/Kg	110				65	121	
Hexachlorobenzene	1000	0	1000	ug/Kg	100				67	118	
Atrazine	1000	0	1200	ug/Kg	120				45	175	

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Pentachlorophenol	2000	0	2000	ug/Kg	100				13	153	
Phenanthrene	1000	0	880	ug/Kg	88				52	128	
Anthracene	1000	0	920	ug/Kg	92				62	124	
Carbazole	1000	0	870	ug/Kg	87				59	119	
Di-n-butylphthalate	1000	0	920	ug/Kg	92				55	125	
Fluoranthene	1000	100	910	ug/Kg	81				44	125	
Pyrene	1000	110	850	ug/Kg	74				37	122	
Butylbenzylphthalate	1000	0	930	ug/Kg	93				44	135	
3,3-Dichlorobenzidine	1000	0	560	ug/Kg	56				15	112	
Benzo(a)anthracene	1000	62.5	930	ug/Kg	87				53	119	
Chrysene	1000	92.0	930	ug/Kg	84				57	121	
bis(2-Ethylhexyl)phthalate	1000	120	1100	ug/Kg	98				42	169	
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100				51	156	
Benzo(b)fluoranthene	1000	140	930	ug/Kg	79				52	117	
Benzo(k)fluoranthene	1000	46.9	890	ug/Kg	84				57	134	
Benzo(a)pyrene	1000	63.6	1000	ug/Kg	94				70	142	
Indeno(1,2,3-cd)pyrene	1000	62.9	1000	ug/Kg	94				40	129	
Dibenz(a,h)anthracene	1000	0	980	ug/Kg	98				43	123	
Benzo(g,h,i)perylene	1000	76.3	990	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1000	0	950	ug/Kg	95				52	134	
1,4-Dioxane	1000	0	680	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	1000	0	950	ug/Kg	95				24	146	