

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2592

Analytical Method: SW8270E

Client: PARSONS Engineering of New York, Inc.

DataFile: BP025192.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2597-01MSD		Client Sample ID: CHRT-26899MSD									
Benzaldehyde	1000	0	870	ug/Kg	87		1		10	171	20
Phenol	1000	0	870	ug/Kg	87		1		51	122	20
bis(2-Chloroethyl)ether	1000	0	840	ug/Kg	84		0		54	125	20
2-Chlorophenol	1000	0	930	ug/Kg	93		2		51	121	20
2-Methylphenol	1000	0	930	ug/Kg	93		0		47	125	20
2,2-oxybis(1-Chloropropane)	1000	0	800	ug/Kg	80		0		46	119	20
Acetophenone	1000	0	800	ug/Kg	80		0		55	128	20
3+4-Methylphenols	1000	0	900	ug/Kg	90		0		49	125	20
N-Nitroso-di-n-propylamine	1000	0	790	ug/Kg	79		0		59	119	20
Hexachloroethane	1000	0	920	ug/Kg	92		0		51	116	20
Nitrobenzene	1000	0	860	ug/Kg	86		2		47	124	20
Isophorone	1000	0	890	ug/Kg	89		1		49	127	20
2-Nitrophenol	1000	0	1000	ug/Kg	100		0		43	131	20
2,4-Dimethylphenol	1000	0	1200	ug/Kg	120		0		63	151	20
bis(2-Chloroethoxy)methane	1000	0	840	ug/Kg	84		1		51	119	20
2,4-Dichlorophenol	1000	0	960	ug/Kg	96		1		50	122	20
Naphthalene	1000	0	840	ug/Kg	84		0		51	121	20
4-Chloroaniline	1000	0	460	ug/Kg	46		4		10	100	20
Hexachlorobutadiene	1000	0	980	ug/Kg	98		0		44	126	20
Caprolactam	1000	0	850	ug/Kg	85		1		51	134	20
4-Chloro-3-methylphenol	1000	0	880	ug/Kg	88		0		57	132	20
2-Methylnaphthalene	1000	0	760	ug/Kg	76		1		59	123	20
Hexachlorocyclopentadiene	2000	0	2300	ug/Kg	115		8		10	175	20
2,4,6-Trichlorophenol	1000	0	1100	ug/Kg	110		0		33	141	20
2,4,5-Trichlorophenol	1000	0	1000	ug/Kg	100		0		38	135	20
1,1-Biphenyl	1000	0	860	ug/Kg	86		2		55	131	20
2-Chloronaphthalene	1000	0	900	ug/Kg	90		1		48	124	20
2-Nitroaniline	1000	0	940	ug/Kg	94		0		47	134	20
Dimethylphthalate	1000	0	830	ug/Kg	83		2		54	120	20
Acenaphthylene	1000	0	940	ug/Kg	94		1		57	125	20
2,6-Dinitrotoluene	1000	0	1000	ug/Kg	100		0		48	127	20
3-Nitroaniline	1000	0	800	ug/Kg	80		1		10	112	20
Acenaphthene	1000	0	820	ug/Kg	82		4		70	121	20
2,4-Dinitrophenol	2000	0	1100	ug/Kg	55		0		10	155	20
4-Nitrophenol	2000	0	1800	ug/Kg	90		0		10	175	20
Dibenzofuran	1000	0	790	ug/Kg	79		3		52	114	20
2,4-Dinitrotoluene	1000	0	900	ug/Kg	90		0		41	140	20
Diethylphthalate	1000	0	800	ug/Kg	80		1		51	119	20
4-Chlorophenyl-phenylether	1000	0	810	ug/Kg	81		1		48	122	20
Fluorene	1000	0	790	ug/Kg	79		0		53	118	20
4-Nitroaniline	1000	0	820	ug/Kg	82		1		29	140	20
4,6-Dinitro-2-methylphenol	1000	0	670	ug/Kg	67		3		10	160	20
N-Nitrosodiphenylamine	1000	0	950	ug/Kg	95		2		73	118	20
4-Bromophenyl-phenylether	1000	0	1100	ug/Kg	110		0		65	121	20
Hexachlorobenzene	1000	0	1000	ug/Kg	100		0		67	118	20
Atrazine	1000	0	1200	ug/Kg	120		0		45	175	20

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Pentachlorophenol	2000	0	2000	ug/Kg	100		0		13	153	20
Phenanthrene	1000	0	850	ug/Kg	85		3		52	128	20
Anthracene	1000	0	910	ug/Kg	91		1		62	124	20
Carbazole	1000	0	860	ug/Kg	86		1		59	119	20
Di-n-butylphthalate	1000	0	890	ug/Kg	89		3		55	125	20
Fluoranthene	1000	100	890	ug/Kg	79		3		44	125	20
Pyrene	1000	110	860	ug/Kg	75		1		37	122	20
Butylbenzylphthalate	1000	0	920	ug/Kg	92		1		44	135	20
3,3-Dichlorobenzidine	1000	0	600	ug/Kg	60		7		15	112	20
Benzo(a)anthracene	1000	62.5	930	ug/Kg	87		0		53	119	20
Chrysene	1000	92.0	930	ug/Kg	84		0		57	121	20
bis(2-Ethylhexyl)phthalate	1000	120	1100	ug/Kg	98		0		42	169	20
Di-n-octyl phthalate	1000	0	1000	ug/Kg	100		0		51	156	20
Benzo(b)fluoranthene	1000	140	960	ug/Kg	82		4		52	117	20
Benzo(k)fluoranthene	1000	46.9	850	ug/Kg	80		5		57	134	20
Benzo(a)pyrene	1000	63.6	1000	ug/Kg	94		0		70	142	20
Indeno(1,2,3-cd)pyrene	1000	62.9	1000	ug/Kg	94		0		40	129	20
Dibenz(a,h)anthracene	1000	0	970	ug/Kg	97		1		43	123	20
Benzo(g,h,i)perylene	1000	76.3	980	ug/Kg	90		1		24	125	20
1,2,4,5-Tetrachlorobenzene	1000	0	940	ug/Kg	94		1		52	134	20
1,4-Dioxane	1000	0	670	ug/Kg	67		1		46	112	20
2,3,4,6-Tetrachlorophenol	1000	0	940	ug/Kg	94		1		24	146	20