Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BM050395.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2543-02MS		**Client Sample ID: TP-49MS**									
Benzaldehyde	2300	0	2000	ug/Kg	87				10	171	
Phenol	2300	0	2100	ug/Kg	91				51	122	
bis(2-Chloroethyl)ether	2300	0	2000	ug/Kg	87				54	125	
2-Chlorophenol	2300	0	2100	ug/Kg	91				51	121	
2-Methylphenol	2300	0	2100	ug/Kg	91				47	125	
2,2-oxybis(1-Chloropropane)	2300	0	1900	ug/Kg	83				46	119	
Acetophenone	2300	0	2000	ug/Kg	87				55	128	
3+4-Methylphenols	2300	0	2100	ug/Kg	91				49	125	
N-Nitroso-di-n-propylamine	2300	0	2100	ug/Kg	91				59	119	
Hexachloroethane	2300	0	1900	ug/Kg	83				51	116	
Nitrobenzene	2300	0	2000	ug/Kg	87				47	124	
Isophorone	2300	0	2100	ug/Kg	91				49	127	
2-Nitrophenol	2300	0	2300	ug/Kg	100				43	131	
2,4-Dimethylphenol	2300	0	2100	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	2300	0	2000	ug/Kg	87				51	119	
2,4-Dichlorophenol	2300	0	2200	ug/Kg	96				50	122	
Naphthalene	2300	0	2000	ug/Kg	87				51	121	
4-Chloroaniline	2300	0	600	ug/Kg	26				10	100	
Hexachlorobutadiene	2300	0	2000	ug/Kg	87				44	126	
Caprolactam	2300	0	2200	ug/Kg	96				51	134	
4-Chloro-3-methylphenol	2300	0	2200	ug/Kg	96				57	132	
2-Methylnaphthalene	2300	0	2100	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	4500	0	4200	ug/Kg	93				10	175	
2,4,6-Trichlorophenol	2300	0	2200	ug/Kg	96				33	141	
2,4,5-Trichlorophenol	2300	0	2200	ug/Kg	96				38	135	
1,1-Biphenyl	2300	0	2000	ug/Kg	87				55	131	
2-Chloronaphthalene	2300	0	2000	ug/Kg	87				48	124	
2-Nitroaniline	2300	0	2200	ug/Kg	96				47	134	
Dimethylphthalate	2300	0	2100	ug/Kg	91				54	120	
Acenaphthylene	2300	0	2100	ug/Kg	91				57	125	
2,6-Dinitrotoluene	2300	0	2200	ug/Kg	96				48	127	
3-Nitroaniline	2300	0	990	ug/Kg	43				10	112	
Acenaphthene	2300	0	2200	ug/Kg	96				70	121	
2,4-Dinitrophenol	4500	0	3700	ug/Kg	82				10	155	
4-Nitrophenol	4500	0	4600	ug/Kg	102				10	175	
Dibenzofuran	2300	0	2000	ug/Kg	87				52	114	
2,4-Dinitrotoluene	2300	0	2100	ug/Kg	91				41	140	
Diethylphthalate	2300	0	2100	ug/Kg	91				51	119	
4-Chlorophenyl-phenylether	2300	0	2100	ug/Kg	91				48	122	
Fluorene	2300	0	2100	ug/Kg	91				53	118	
4-Nitroaniline	2300	0	1900	ug/Kg	83				29	140	
4,6-Dinitro-2-methylphenol	2300	0	1900	ug/Kg	83				10	160	
N-Nitrosodiphenylamine	2300	0	2100	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	2300	0	2200	ug/Kg	96				65	121	
Hexachlorobenzene	2300	0	2100	ug/Kg	91				67	118	
Atrazine	2300	0	2300	ug/Kg	100				45	175	

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2543 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BM050395.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4500	0	4600	ug/Kg	102				13	153	
Phenanthrene	2300	0	2100	ug/Kg	91				52	128	
Anthracene	2300	0	2100	ug/Kg	91				62	124	
Carbazole	2300	0	2100	ug/Kg	91				59	119	
Di-n-butylphthalate	2300	0	2300	ug/Kg	100				55	125	
Fluoranthene	2300	310	2400	ug/Kg	91				44	125	
Pyrene	2300	250	2700	ug/Kg	107				37	122	
Butylbenzylphthalate	2300	0	2700	ug/Kg	117				44	135	
3,3-Dichlorobenzidine	2300	0	1000	ug/Kg	43				15	112	
Benzo(a)anthracene	2300	150	2300	ug/Kg	93				53	119	
Chrysene	2300	170	2200	ug/Kg	88				57	121	
bis(2-Ethylhexyl)phthalate	2300	0	2600	ug/Kg	113				42	169	
Di-n-octyl phthalate	2300	0	2400	ug/Kg	104				51	156	
Benzo(b)fluoranthene	2300	250	2400	ug/Kg	93				52	117	
Benzo(k)fluoranthene	2300	92.6	2200	ug/Kg	92				57	134	
Benzo(a)pyrene	2300	170	2300	ug/Kg	93				70	142	
Indeno(1,2,3-cd)pyrene	2300	0	2100	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	2300	0	2000	ug/Kg	87				43	123	
Benzo(g,h,i)perylene	2300	96.1	2100	ug/Kg	87				24	125	
1,2,4,5-Tetrachlorobenzene	2300	0	2100	ug/Kg	91				52	134	
1,4-Dioxane	2300	0	1600	ug/Kg	70				46	112	
2,3,4,6-Tetrachlorophenol	2300	0	2300	ug/Kg	100				24	146	