Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3266-01MS		**Client Sample ID: ENV-3-6FTMS**									
Benzaldehyde	4100	0	2400	ug/Kg	59				10	171	
Phenol	4100	0	4000	ug/Kg	98				51	122	
bis(2-Chloroethyl)ether	4100	0	3800	ug/Kg	93				54	125	
2-Chlorophenol	4100	0	4000	ug/Kg	98				51	121	
2-Methylphenol	4100	0	4000	ug/Kg	98				47	125	
2,2-oxybis(1-Chloropropane)	4100	0	3200	ug/Kg	78				46	119	
Acetophenone	4100	0	4200	ug/Kg	102				55	128	
3+4-Methylphenols	4100	0	3900	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	4100	0	3900	ug/Kg	95				59	119	
Hexachloroethane	4100	0	3800	ug/Kg	93				51	116	
Nitrobenzene	4100	0	4000	ug/Kg	98				47	124	
Isophorone	4100	0	4100	ug/Kg	100				49	127	
2-Nitrophenol	4100	0	4500	ug/Kg	110				43	131	
2,4-Dimethylphenol	4100	0	4300	ug/Kg	105				63	151	
bis(2-Chloroethoxy)methane	4100	0	3800	ug/Kg	93				51	119	
2,4-Dichlorophenol	4100	0	4000	ug/Kg	98				50	122	
Naphthalene	4100	0	3800	ug/Kg	93				51	121	
4-Chloroaniline	4100	0	1300	ug/Kg	32				10	100	
Hexachlorobutadiene	4100	0	3900	ug/Kg	95				44	126	
Caprolactam	4100	0	5000	ug/Kg	122				51	134	
4-Chloro-3-methylphenol	4100	0	4300	ug/Kg	105				57	132	
2-Methylnaphthalene	4100	0	3700	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	8300	0	8700	ug/Kg	105				10	175	
2,4,6-Trichlorophenol	4100	0	4100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	4100	0	4100	ug/Kg	100				38	135	
1,1-Biphenyl	4100	0	4100	ug/Kg	100				55	131	
2-Chloronaphthalene	4100	0	3700	ug/Kg	90				48	124	
2-Nitroaniline	4100	0	4600	ug/Kg	112				47	134	
Dimethylphthalate	4100	0	4100	ug/Kg	100				54	120	
Acenaphthylene	4100	0	4400	ug/Kg	107				57	125	
2,6-Dinitrotoluene	4100	0	5400	ug/Kg	132	*			48	127	
3-Nitroaniline	4100	0	2600	ug/Kg	63				10	112	
Acenaphthene	4100	0	4000	ug/Kg	98				70	121	
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100				10	155	
4-Nitrophenol	8300	0	8300	ug/Kg	100				10	175	
Dibenzofuran	4100	0	3900	ug/Kg	95				52	114	
2,4-Dinitrotoluene	4100	0	4800	ug/Kg	117				41	140	
Diethylphthalate	4100	0	4200	ug/Kg	102				51	119	
4-Chlorophenyl-phenylether	4100	0	4000	ug/Kg	98				48	122	
Fluorene	4100	0	4000	ug/Kg	98				53	118	
4-Nitroaniline	4100	0	4800	ug/Kg	117				29	140	
4,6-Dinitro-2-methylphenol	4100	0	5100	ug/Kg	124				10	160	
N-Nitrosodiphenylamine	4100	0	3900	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	4100	0	3800	ug/Kg	93				65	121	
Hexachlorobenzene	4100	0	3300	ug/Kg	80				67	118	
Atrazine	4100	0	4400	ug/Kg	107				45	175	

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	8300	0	7500	ug/Kg	90				13	153	
Phenanthrene	4100	0	3800	ug/Kg	93				52	128	
Anthracene	4100	0	3900	ug/Kg	95				62	124	
Carbazole	4100	0	3900	ug/Kg	95				59	119	
Di-n-butylphthalate	4100	0	4100	ug/Kg	100				55	125	
Fluoranthene	4100	180	3900	ug/Kg	91				44	125	
Pyrene	4100	220	5200	ug/Kg	121				37	122	
Butylbenzylphthalate	4100	0	5300	ug/Kg	129				44	135	
3,3-Dichlorobenzidine	4100	0	1900	ug/Kg	46				15	112	
Benzo(a)anthracene	4100	0	4200	ug/Kg	102				53	119	
Chrysene	4100	0	4200	ug/Kg	102				57	121	
bis(2-Ethylhexyl)phthalate	4100	0	4300	ug/Kg	105				42	169	
Di-n-octyl phthalate	4100	0	4000	ug/Kg	98				51	156	
Benzo(b)fluoranthene	4100	170	4300	ug/Kg	101				52	117	
Benzo(k)fluoranthene	4100	0	3600	ug/Kg	88				57	134	
Benzo(a)pyrene	4100	0	4300	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	4100	0	4100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	4100	0	4000	ug/Kg	98				43	123	
Benzo(g,h,i)perylene	4100	0	4200	ug/Kg	102				24	125	
1,2,4,5-Tetrachlorobenzene	4100	0	4100	ug/Kg	100				52	134	
1,4-Dioxane	4100	0	3400	ug/Kg	83				46	112	
2,3,4,6-Tetrachlorophenol	4100	0	4600	ug/Kg	112				24	146	