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.: Q2529 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2517-01MSD		**Client Sample ID: TP-14MSD**									
Benzaldehyde	1100	0	960	ug/Kg	87		4		10	171	20
Phenol	1100	0	920	ug/Kg	84		8		51	122	20
bis(2-Chloroethyl)ether	1100	0	950	ug/Kg	86		6		54	125	20
2-Chlorophenol	1100	0	950	ug/Kg	86		6		51	121	20
2-Methylphenol	1100	0	950	ug/Kg	86		6		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	850	ug/Kg	77		10		46	119	20
Acetophenone	1100	0	1000	ug/Kg	91		9		55	128	20
3+4-Methylphenols	1100	0	970	ug/Kg	88		13		49	125	20
N-Nitroso-di-n-propylamine	1100	0	950	ug/Kg	86		6		59	119	20
Hexachloroethane	1100	0	930	ug/Kg	85		7		51	116	20
Nitrobenzene	1100	0	970	ug/Kg	88		3		47	124	20
Isophorone	1100	0	950	ug/Kg	86		6		49	127	20
2-Nitrophenol	1100	0	1000	ug/Kg	91		9		43	131	20
2,4-Dimethylphenol	1100	0	950	ug/Kg	86		6		63	151	20
bis(2-Chloroethoxy)methane	1100	0	940	ug/Kg	85		7		51	119	20
2,4-Dichlorophenol	1100	0	970	ug/Kg	88		3		50	122	20
Naphthalene	1100	0	970	ug/Kg	88		13		51	121	20
4-Chloroaniline	1100	0	490	ug/Kg	45		22	*	10	100	20
Hexachlorobutadiene	1100	0	990	ug/Kg	90		11		44	126	20
Caprolactam	1100	0	890	ug/Kg	81		11		51	134	20
4-Chloro-3-methylphenol	1100	0	940	ug/Kg	85		16		57	132	20
2-Methylnaphthalene	1100	0	960	ug/Kg	87		4		59	123	20
Hexachlorocyclopentadiene	2300	0	1300	ug/Kg	57		20		10	175	20
2,4,6-Trichlorophenol	1100	0	890	ug/Kg	81		9		33	141	20
2,4,5-Trichlorophenol	1100	0	890	ug/Kg	81		12		38	135	20
1,1-Biphenyl	1100	0	1000	ug/Kg	91		9		55	131	20
2-Chloronaphthalene	1100	0	1000	ug/Kg	91		9		48	124	20
2-Nitroaniline	1100	0	1000	ug/Kg	91		9		47	134	20
Dimethylphthalate	1100	0	990	ug/Kg	90		11		54	120	20
Acenaphthylene	1100	0	1000	ug/Kg	91		9		57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		9		48	127	20
3-Nitroaniline	1100	0	670	ug/Kg	61		21	*	10	112	20
Acenaphthene	1100	0	980	ug/Kg	89		12		70	121	20
2,4-Dinitrophenol	2300	0	610	ug/Kg	27		8		10	155	20
4-Nitrophenol	2300	0	1300	ug/Kg	57		7		10	175	20
Dibenzofuran	1100	0	980	ug/Kg	89		12		52	114	20
2,4-Dinitrotoluene	1100	0	970	ug/Kg	88		13		41	140	20
Diethylphthalate	1100	0	980	ug/Kg	89		12		51	119	20
4-Chlorophenyl-phenylether	1100	0	970	ug/Kg	88		13		48	122	20
Fluorene	1100	0	990	ug/Kg	90		11		53	118	20
4-Nitroaniline	1100	0	930	ug/Kg	85		16		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	620	ug/Kg	56		0		10	160	20
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100		9		73	118	20
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100	0	1100	ug/Kg	100		0		67	118	20
Atrazine	1100	0	1100	ug/Kg	100		9		45	175	20

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Client: CDM Smith **DataFile:** BF143061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	1000	ug/Kg	43		11		13	153	20
Phenanthrene	1100	0	1000	ug/Kg	91		9		52	128	20
Anthracene	1100	0	1000	ug/Kg	91		9		62	124	20
Carbazole	1100	0	990	ug/Kg	90		11		59	119	20
Di-n-butylphthalate	1100	0	1100	ug/Kg	100		9		55	125	20
Fluoranthene	1100	0	940	ug/Kg	85		7		44	125	20
Pyrene	1100	0	710	ug/Kg	65		10		37	122	20
Butylbenzylphthalate	1100	0	920	ug/Kg	84		8		44	135	20
3,3-Dichlorobenzidine	1100	0	600	ug/Kg	55		20		15	112	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91		9		53	119	20
Chrysene	1100	0	990	ug/Kg	90		11		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	840	ug/Kg	76		16		42	169	20
Di-n-octyl phthalate	1100	0	870	ug/Kg	79		13		51	156	20
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91		18		52	117	20
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100		9		57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	810	ug/Kg	74		11		40	129	20
Dibenz(a,h)anthracene	1100	0	810	ug/Kg	74		10		43	123	20
Benzo(g,h,i)perylene	1100	0	740	ug/Kg	67		15		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91		9		52	134	20
1,4-Dioxane	1100	0	830	ug/Kg	75		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	780	ug/Kg	71		13		24	146	20