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.: Q2458 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF142971.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2458-04MSD		**Client Sample ID: TP-67MSD**									
Benzaldehyde	1900	0	1000	ug/Kg	53		9		10	171	20
Phenol	1900	0	1600	ug/Kg	84		6		51	122	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		6		54	125	20
2-Chlorophenol	1900	0	1600	ug/Kg	84		6		51	121	20
2-Methylphenol	1900	0	1700	ug/Kg	89		0		47	125	20
2,2-oxybis(1-Chloropropane)	1900	0	1500	ug/Kg	79		6		46	119	20
Acetophenone	1900	0	1700	ug/Kg	89		7		55	128	20
3+4-Methylphenols	1900	0	1700	ug/Kg	89		7		49	125	20
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84		6		59	119	20
Hexachloroethane	1900	0	1600	ug/Kg	84		6		51	116	20
Nitrobenzene	1900	0	1600	ug/Kg	84		6		47	124	20
Isophorone	1900	0	1600	ug/Kg	84		6		49	127	20
2-Nitrophenol	1900	0	1700	ug/Kg	89		7		43	131	20
2,4-Dimethylphenol	1900	0	1600	ug/Kg	84		12		63	151	20
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84		6		51	119	20
2,4-Dichlorophenol	1900	0	1700	ug/Kg	89		7		50	122	20
Naphthalene	1900	0	1600	ug/Kg	84		6		51	121	20
4-Chloroaniline	1900	0	680	ug/Kg	36		3		10	100	20
Hexachlorobutadiene	1900	0	1600	ug/Kg	84		12		44	126	20
Caprolactam	1900	0	1900	ug/Kg	100		5		51	134	20
4-Chloro-3-methylphenol	1900	0	1700	ug/Kg	89		7		57	132	20
2-Methylnaphthalene	1900	0	1600	ug/Kg	84		6		59	123	20
Hexachlorocyclopentadiene	3700	0	3000	ug/Kg	81		9		10	175	20
2,4,6-Trichlorophenol	1900	0	1600	ug/Kg	84		12		33	141	20
2,4,5-Trichlorophenol	1900	0	1700	ug/Kg	89		0		38	135	20
1,1-Biphenyl	1900	0	1700	ug/Kg	89		0		55	131	20
2-Chloronaphthalene	1900	0	1600	ug/Kg	84		6		48	124	20
2-Nitroaniline	1900	0	1700	ug/Kg	89		7		47	134	20
Dimethylphthalate	1900	0	1800	ug/Kg	95		0		54	120	20
Acenaphthylene	1900	0	1600	ug/Kg	84		6		57	125	20
2,6-Dinitrotoluene	1900	0	1800	ug/Kg	95		5		48	127	20
3-Nitroaniline	1900	0	1000	ug/Kg	53		0		10	112	20
Acenaphthene	1900	0	1800	ug/Kg	95		5		70	121	20
2,4-Dinitrophenol	3700	0	3400	ug/Kg	92		8		10	155	20
4-Nitrophenol	3700	0	3600	ug/Kg	97		3		10	175	20
Dibenzofuran	1900	0	1700	ug/Kg	89		7		52	114	20
2,4-Dinitrotoluene	1900	0	1800	ug/Kg	95		5		41	140	20
Diethylphthalate	1900	0	1800	ug/Kg	95		5		51	119	20
4-Chlorophenyl-phenylether	1900	0	1700	ug/Kg	89		7		48	122	20
Fluorene	1900	0	1700	ug/Kg	89		7		53	118	20
4-Nitroaniline	1900	0	1800	ug/Kg	95		5		29	140	20
4,6-Dinitro-2-methylphenol	1900	0	1600	ug/Kg	84		12		10	160	20
N-Nitrosodiphenylamine	1900	0	1600	ug/Kg	84		12		73	118	20
4-Bromophenyl-phenylether	1900	0	1700	ug/Kg	89		7		65	121	20
Hexachlorobenzene	1900	0	1600	ug/Kg	84		12		67	118	20
Atrazine	1900	0	2000	ug/Kg	105		6		45	175	20

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.: Q2458 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF142971.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	3100	ug/Kg	84		9		13	153	20
Phenanthrene	1900	0	1700	ug/Kg	89		7		52	128	20
Anthracene	1900	0	1700	ug/Kg	89		7		62	124	20
Carbazole	1900	0	1700	ug/Kg	89		7		59	119	20
Di-n-butylphthalate	1900	0	2000	ug/Kg	105		6		55	125	20
Fluoranthene	1900	0	1700	ug/Kg	89		7		44	125	20
Pyrene	1900	0	1600	ug/Kg	84		6		37	122	20
Butylbenzylphthalate	1900	0	2000	ug/Kg	105		6		44	135	20
3,3-Dichlorobenzidine	1900	0	650	ug/Kg	34		3		15	112	20
Benzo(a)anthracene	1900	0	1700	ug/Kg	89		7		53	119	20
Chrysene	1900	0	1700	ug/Kg	89		7		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	1800	ug/Kg	95		5		42	169	20
Di-n-octyl phthalate	1900	0	1500	ug/Kg	79		0		51	156	20
Benzo(b)fluoranthene	1900	0	1800	ug/Kg	95		5		52	117	20
Benzo(k)fluoranthene	1900	0	1800	ug/Kg	95		5		57	134	20
Benzo(a)pyrene	1900	0	1700	ug/Kg	89		7		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1500	ug/Kg	79		6		40	129	20
Dibenz(a,h)anthracene	1900	0	1500	ug/Kg	79		6		43	123	20
Benzo(g,h,i)perylene	1900	0	1400	ug/Kg	74		13		24	125	20
1,2,4,5-Tetrachlorobenzene	1900	0	1600	ug/Kg	84		12		52	134	20
1,4-Dioxane	1900	0	1300	ug/Kg	68		8		46	112	20
2,3,4,6-Tetrachlorophenol	1900	0	1700	ug/Kg	89		7		24	146	20