

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144088.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3395-04MSD		Client Sample ID: PR132-S07-000102-22510170MSD									
Benzaldehyde	3500	0	1200	ug/Kg	34	0			10	171	20
Phenol	3500	0	1700	ug/Kg	49	*	4		51	122	20
bis(2-Chloroethyl)ether	3500	0	2400	ug/Kg	69		3		54	125	20
2-Chlorophenol	3500	0	2300	ug/Kg	66		4		51	121	20
2-Methylphenol	3500	0	2400	ug/Kg	69		7		47	125	20
2,2-oxybis(1-Chloropropane)	3500	0	2700	ug/Kg	77		4		46	119	20
Acetophenone	3500	0	2900	ug/Kg	83		0		55	128	20
3+4-Methylphenols	3500	0	2500	ug/Kg	71		8		49	125	20
N-Nitroso-di-n-propylamine	3500	0	2700	ug/Kg	77		11		59	119	20
Hexachloroethane	3500	0	2500	ug/Kg	71		8		51	116	20
Nitrobenzene	3500	0	2600	ug/Kg	74		4		47	124	20
Isophorone	3500	0	2800	ug/Kg	80		4		49	127	20
2-Nitrophenol	3500	0	2700	ug/Kg	77		4		43	131	20
2,4-Dimethylphenol	3500	0	3100	ug/Kg	89		0		63	151	20
bis(2-Chloroethoxy)methane	3500	0	2900	ug/Kg	83		4		51	119	20
2,4-Dichlorophenol	3500	0	2800	ug/Kg	80		0		50	122	20
Naphthalene	3500	0	2800	ug/Kg	80		4		51	121	20
4-Chloroaniline	3500	0	3300	ug/Kg	94		3		10	100	20
Hexachlorobutadiene	3500	0	2600	ug/Kg	74		0		44	126	20
Caprolactam	3500	0	3900	ug/Kg	111		5		51	134	20
4-Chloro-3-methylphenol	3500	0	3200	ug/Kg	91		0		57	132	20
2-Methylnaphthalene	3500	0	2700	ug/Kg	77		0		59	123	20
Hexachlorocyclopentadiene	6900	0	5900	ug/Kg	86		1		10	175	20
2,4,6-Trichlorophenol	3500	0	2900	ug/Kg	83		4		33	141	20
2,4,5-Trichlorophenol	3500	0	2900	ug/Kg	83		4		38	135	20
1,1-Biphenyl	3500	0	3000	ug/Kg	86		3		55	131	20
2-Chloronaphthalene	3500	0	2800	ug/Kg	80		0		48	124	20
2-Nitroaniline	3500	0	3200	ug/Kg	91		3		47	134	20
Dimethylphthalate	3500	0	3300	ug/Kg	94		3		54	120	20
Acenaphthylene	3500	0	3300	ug/Kg	94		3		57	125	20
2,6-Dinitrotoluene	3500	0	3400	ug/Kg	97		0		48	127	20
3-Nitroaniline	3500	0	3500	ug/Kg	100		0		10	112	20
Acenaphthene	3500	0	3000	ug/Kg	86		3		70	121	20
2,4-Dinitrophenol	6900	0	4500	ug/Kg	65		9		10	155	20
4-Nitrophenol	6900	0	6300	ug/Kg	91		5		10	175	20
Dibenzofuran	3500	0	3100	ug/Kg	89		3		52	114	20
2,4-Dinitrotoluene	3500	0	3600	ug/Kg	103		3		41	140	20
Diethylphthalate	3500	0	3300	ug/Kg	94		3		51	119	20
4-Chlorophenyl-phenylether	3500	0	3000	ug/Kg	86		3		48	122	20
Fluorene	3500	0	3200	ug/Kg	91		0		53	118	20
4-Nitroaniline	3500	0	3400	ug/Kg	97		3		29	140	20
4,6-Dinitro-2-methylphenol	3500	0	2700	ug/Kg	77		0		10	160	20
N-Nitrosodiphenylamine	3500	0	3300	ug/Kg	94		3		73	118	20
4-Bromophenyl-phenylether	3500	0	3000	ug/Kg	86		3		65	121	20
Hexachlorobenzene	3500	0	3100	ug/Kg	89		2		67	118	20
Atrazine	3500	0	3500	ug/Kg	100		0		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144088.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	6900	0	6400	ug/Kg	93		4		13	153	20
Phenanthrene	3500	190	3300	ug/Kg	89		0		52	128	20
Anthracene	3500	0	3200	ug/Kg	91		0		62	124	20
Carbazole	3500	0	3100	ug/Kg	89		2		59	119	20
Di-n-butylphthalate	3500	0	3200	ug/Kg	91		3		55	125	20
Fluoranthene	3500	180	2900	ug/Kg	78		6		44	125	20
Pyrene	3500	0	3400	ug/Kg	97		6		37	122	20
Butylbenzylphthalate	3500	0	3300	ug/Kg	94		9		44	135	20
3,3-Dichlorobenzidine	3500	0	3700	ug/Kg	106		3		15	112	20
Benzo(a)anthracene	3500	0	3400	ug/Kg	97		3		53	119	20
Chrysene	3500	0	3300	ug/Kg	94		3		57	121	20
bis(2-Ethylhexyl)phthalate	3500	0	3200	ug/Kg	91		6		42	169	20
Di-n-octyl phthalate	3500	0	3500	ug/Kg	100		3		51	156	20
Benzo(b)fluoranthene	3500	0	3300	ug/Kg	94		0		52	117	20
Benzo(k)fluoranthene	3500	0	3600	ug/Kg	103		3		57	134	20
Benzo(a)pyrene	3500	0	3600	ug/Kg	103		3		70	142	20
Indeno(1,2,3-cd)pyrene	3500	0	2700	ug/Kg	77		0		40	129	20
Dibenz(a,h)anthracene	3500	0	2700	ug/Kg	77		4		43	123	20
Benzo(g,h,i)perylene	3500	0	2400	ug/Kg	69		7		24	125	20
1,2,4,5-Tetrachlorobenzene	3500	0	2900	ug/Kg	83		0		52	134	20
1,4-Dioxane	3500	0	0	ug/Kg	0	*	0		46	112	20
2,3,4,6-Tetrachlorophenol	3500	0	3500	ug/Kg	100		6		24	146	20