

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: SW8270E

Client: AECOM

DataFile: BF144001.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3381-03MSD		Client Sample ID: VNJ-245MSD									
Benzaldehyde	1200	0	660	ug/Kg	55		2		10	171	20
Phenol	1200	0	1200	ug/Kg	100		8		51	122	20
bis(2-Chloroethyl)ether	1200	0	1100	ug/Kg	92		0		54	125	20
2-Chlorophenol	1200	0	1100	ug/Kg	92		0		51	121	20
2-Methylphenol	1200	0	1100	ug/Kg	92		0		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	1100	ug/Kg	92		0		46	119	20
Acetophenone	1200	0	1200	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1200	0	1100	ug/Kg	92		0		49	125	20
N-Nitroso-di-n-propylamine	1200	0	1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200	0	1100	ug/Kg	92		0		51	116	20
Nitrobenzene	1200	0	1200	ug/Kg	100		0		47	124	20
Isophorone	1200	0	1100	ug/Kg	92		0		49	127	20
2-Nitrophenol	1200	0	1300	ug/Kg	108		0		43	131	20
2,4-Dimethylphenol	1200	0	1200	ug/Kg	100		0		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1100	ug/Kg	92		0		51	119	20
2,4-Dichlorophenol	1200	0	1100	ug/Kg	92		0		50	122	20
Naphthalene	1200	0	1100	ug/Kg	92		0		51	121	20
4-Chloroaniline	1200	0	480	ug/Kg	40		12		10	100	20
Hexachlorobutadiene	1200	0	1100	ug/Kg	92		0		44	126	20
Caprolactam	1200	0	1100	ug/Kg	92		0		51	134	20
4-Chloro-3-methylphenol	1200	0	1100	ug/Kg	92		0		57	132	20
2-Methylnaphthalene	1200	0	1000	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	2500	0	2400	ug/Kg	96		4		10	175	20
2,4,6-Trichlorophenol	1200	0	1100	ug/Kg	92		0		33	141	20
2,4,5-Trichlorophenol	1200	0	1100	ug/Kg	92		0		38	135	20
1,1-Biphenyl	1200	0	1300	ug/Kg	108		0		55	131	20
2-Chloronaphthalene	1200	0	1100	ug/Kg	92		0		48	124	20
2-Nitroaniline	1200	0	1200	ug/Kg	100		0		47	134	20
Dimethylphthalate	1200	0	1100	ug/Kg	92		0		54	120	20
Acenaphthylene	1200	0	1300	ug/Kg	108		0		57	125	20
2,6-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		48	127	20
3-Nitroaniline	1200	0	720	ug/Kg	60		8		10	112	20
Acenaphthene	1200	0	1200	ug/Kg	100		8		70	121	20
2,4-Dinitrophenol	2500	0	1500	ug/Kg	60		3		10	155	20
4-Nitrophenol	2500	0	2000	ug/Kg	80		10		10	175	20
Dibenzofuran	1200	0	1100	ug/Kg	92		0		52	114	20
2,4-Dinitrotoluene	1200	0	1300	ug/Kg	108		0		41	140	20
Diethylphthalate	1200	0	1100	ug/Kg	92		0		51	119	20
4-Chlorophenyl-phenylether	1200	0	1100	ug/Kg	92		0		48	122	20
Fluorene	1200	0	1100	ug/Kg	92		8		53	118	20
4-Nitroaniline	1200	0	1000	ug/Kg	83		10		29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1100	ug/Kg	92		0		10	160	20
N-Nitrosodiphenylamine	1200	0	1300	ug/Kg	108		8		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1200	0	1200	ug/Kg	100		0		67	118	20
Atrazine	1200	0	1200	ug/Kg	100		0		45	175	20

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Pentachlorophenol	2500	0	1900	ug/Kg	76		4		13	153	20
Phenanthrene	1200	210	1300	ug/Kg	91		0		52	128	20
Anthracene	1200	120	1200	ug/Kg	90		0		62	124	20
Carbazole	1200	0	1200	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92		8		55	125	20
Fluoranthene	1200	330	1300	ug/Kg	81		9		44	125	20
Pyrene	1200	240	1100	ug/Kg	72		11		37	122	20
Butylbenzylphthalate	1200	0	1100	ug/Kg	92		8		44	135	20
3,3-Dichlorobenzidine	1200	0	810	ug/Kg	68		0		15	112	20
Benzo(a)anthracene	1200	230	1400	ug/Kg	98		8		53	119	20
Chrysene	1200	360	1400	ug/Kg	87		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1200	ug/Kg	100		8		42	169	20
Di-n-octyl phthalate	1200	0	1400	ug/Kg	117		7		51	156	20
Benzo(b)fluoranthene	1200	420	1400	ug/Kg	82		0		52	117	20
Benzo(k)fluoranthene	1200	130	1200	ug/Kg	89		9		57	134	20
Benzo(a)pyrene	1200	250	1400	ug/Kg	96		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	120	1300	ug/Kg	98		0		40	129	20
Dibenz(a,h)anthracene	1200	51.1	1200	ug/Kg	96		0		43	123	20
Benzo(g,h,i)perylene	1200	130	1300	ug/Kg	98		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1200	ug/Kg	100		8		52	134	20
1,4-Dioxane	1200	0	1100	ug/Kg	92		0		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	1100	ug/Kg	92		0		24	146	20