

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3839

Analytical Method: SW8270E

Client: Tetra Tech, EMI

DataFile: BP026315.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3839-04MSD	Client Sample ID:	C0AN1MSD								
Benzaldehyde	4900	0	4500	ug/Kg	92		9		20	111	20
Phenol	4900	0	4700	ug/Kg	96		9		51	122	20
bis(2-Chloroethyl)ether	4900	0	4100	ug/Kg	84		7		67	110	20
2-Chlorophenol	4900	0	4700	ug/Kg	96		6		67	119	20
2-Methylphenol	4900	0	4900	ug/Kg	100		11		68	116	20
2,2-oxybis(1-Chloropropane)	4900	0	4000	ug/Kg	82		8		59	113	20
Acetophenone	4900	0	4200	ug/Kg	86		7		55	128	20
3+4-Methylphenols	4900	0	4800	ug/Kg	98		9		70	111	20
N-Nitroso-di-n-propylamine	4900	0	4500	ug/Kg	92		9		59	119	20
Hexachloroethane	4900	0	4200	ug/Kg	86		7		65	115	20
Nitrobenzene	4900	0	4200	ug/Kg	86		7		66	120	20
Isophorone	4900	0	4400	ug/Kg	90		7		67	113	20
2-Nitrophenol	4900	0	4700	ug/Kg	96		6		69	135	16
2,4-Dimethylphenol	4900	0	4700	ug/Kg	96		4		63	151	20
bis(2-Chloroethoxy)methane	4900	0	4200	ug/Kg	86		5		70	112	20
2,4-Dichlorophenol	4900	0	4900	ug/Kg	100		6		70	121	20
Naphthalene	4900	0	4200	ug/Kg	86		5		66	113	20
4-Chloroaniline	4900	0	1400	ug/Kg	29		19		10	100	25
Hexachlorobutadiene	4900	0	4400	ug/Kg	90		5		67	118	16
Caprolactam	4900	0	4900	ug/Kg	100		6		51	134	25
4-Chloro-3-methylphenol	4900	0	5100	ug/Kg	104		8		71	118	20
2-Methylnaphthalene	4900	0	4100	ug/Kg	84		5		59	123	20
Hexachlorocyclopentadiene	9800	0	5300	ug/Kg	54		4		16	175	20
2,4,6-Trichlorophenol	4900	0	4800	ug/Kg	98		6		67	128	16
2,4,5-Trichlorophenol	4900	0	4800	ug/Kg	98		6		69	123	16
1,1-Biphenyl	4900	0	4300	ug/Kg	88		5		69	126	20
2-Chloronaphthalene	4900	0	4200	ug/Kg	86		5		71	113	20
2-Nitroaniline	4900	0	4700	ug/Kg	96		6		73	125	16
Dimethylphthalate	4900	0	4700	ug/Kg	96		9		72	116	20
Acenaphthylene	4900	0	4600	ug/Kg	94		7		69	128	15
2,6-Dinitrotoluene	4900	0	5200	ug/Kg	106		6		67	141	20
3-Nitroaniline	4900	0	1700	ug/Kg	35		0		28	102	20
Acenaphthene	4900	0	4300	ug/Kg	88		7		70	121	16
2,4-Dinitrophenol	9800	0	10200	ug/Kg	104		6		10	164	30
4-Nitrophenol	9800	0	8800	ug/Kg	90		3		49	133	20
Dibenzofuran	4900	0	4500	ug/Kg	92		7		71	111	20
2,4-Dinitrotoluene	4900	0	5000	ug/Kg	102		8		73	130	20
Diethylphthalate	4900	0	4700	ug/Kg	96		6		73	116	20
4-Chlorophenyl-phenylether	4900	0	4700	ug/Kg	96		6		72	112	20
Fluorene	4900	0	4600	ug/Kg	94		7		67	114	20
4-Nitroaniline	4900	0	4100	ug/Kg	84		7		61	128	20
4,6-Dinitro-2-methylphenol	4900	0	4700	ug/Kg	96		6		25	163	30
N-Nitrosodiphenylamine	4900	0	4400	ug/Kg	90		5		73	118	20
4-Bromophenyl-phenylether	4900	0	4700	ug/Kg	96		6		65	121	20
Hexachlorobenzene	4900	0	4800	ug/Kg	98		9		67	118	20
Atrazine	4900	0	4700	ug/Kg	96		6		79	127	20

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	9800	0	9900	ug/Kg	101		7		39	145	20
Phenanthrene	4900	0	4500	ug/Kg	92		9		52	128	20
Anthracene	4900	0	4500	ug/Kg	92		7		62	124	20
Carbazole	4900	0	4600	ug/Kg	94		9		73	115	20
Di-n-butylphthalate	4900	0	4800	ug/Kg	98		11		72	129	20
Fluoranthene	4900	0	4800	ug/Kg	98		9		31	152	20
Pyrene	4900	0	4200	ug/Kg	86		2		37	122	27
Butylbenzylphthalate	4900	0	4500	ug/Kg	92		9		59	151	20
3,3-Dichlorobenzidine	4900	0	3000	ug/Kg	61		10		10	116	20
Benzo(a)anthracene	4900	0	4400	ug/Kg	90		7		53	119	20
Chrysene	4900	0	4500	ug/Kg	92		9		57	121	20
bis(2-Ethylhexyl)phthalate	4900	0	4400	ug/Kg	90		7		64	139	20
Di-n-octyl phthalate	4900	0	4500	ug/Kg	92		7		51	156	20
Benzo(b)fluoranthene	4900	0	4600	ug/Kg	94		4		52	117	20
Benzo(k)fluoranthene	4900	0	4500	ug/Kg	92		4		57	134	20
Benzo(a)pyrene	4900	0	4600	ug/Kg	94		7		70	142	20
Indeno(1,2,3-cd)pyrene	4900	0	4100	ug/Kg	84		7		48	129	20
Dibenz(a,h)anthracene	4900	0	4300	ug/Kg	88		7		43	123	20
Benzo(g,h,i)perylene	4900	0	4100	ug/Kg	84		7		40	133	20
1,2,4,5-Tetrachlorobenzene	4900	0	4400	ug/Kg	90		5		65	132	20
1,4-Dioxane	4900	0	3300	ug/Kg	67		6		46	112	20
2,3,4,6-Tetrachlorophenol	4900	0	5300	ug/Kg	108		8		56	141	20