

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2393

Client: Union Paving & Construction Company

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2394-01MSD	Client Sample ID:	MH-K/LMSD					DataFile:	BF142844.D		
Benzaldehyde	1200	0	900	ug/Kg	75		5		10	171	20
Phenol	1200	0	950	ug/Kg	79		4		51	122	20
bis(2-Chloroethyl)ether	1200	0	1000	ug/Kg	83		6		54	125	20
2-Chlorophenol	1200	0	990	ug/Kg	83		6		51	121	20
2-Methylphenol	1200	0	980	ug/Kg	82		5		47	125	20
2,2-oxybis(1-Chloropropane)	1200	0	950	ug/Kg	79		5		46	119	20
Acetophenone	1200	0	1000	ug/Kg	83		5		55	128	20
3+4-Methylphenols	1200	0	980	ug/Kg	82		5		49	125	20
N-Nitroso-di-n-propylamine	1200	0	990	ug/Kg	83		5		59	119	20
Hexachloroethane	1200	0	990	ug/Kg	83		8		51	116	20
Nitrobenzene	1200	0	990	ug/Kg	83		5		47	124	20
Isophorone	1200	0	990	ug/Kg	83		6		49	127	20
2-Nitrophenol	1200	0	1100	ug/Kg	92		10		43	131	20
2,4-Dimethylphenol	1200	0	970	ug/Kg	81		4		63	151	20
bis(2-Chloroethoxy)methane	1200	0	1000	ug/Kg	83		5		51	119	20
2,4-Dichlorophenol	1200	0	990	ug/Kg	83		5		50	122	20
Naphthalene	1200	0	980	ug/Kg	82		4		51	121	20
4-Chloroaniline	1200	0	270	ug/Kg	23		0		10	100	20
Hexachlorobutadiene	1200	0	990	ug/Kg	83		5		44	126	20
Caprolactam	1200	0	990	ug/Kg	83		5		51	134	20
4-Chloro-3-methylphenol	1200	0	970	ug/Kg	81		6		57	132	20
2-Methylnaphthalene	1200	0	990	ug/Kg	83		6		59	123	20
Hexachlorocyclopentadiene	2300	0	1900	ug/Kg	83		6		10	175	20
2,4,6-Trichlorophenol	1200	0	1000	ug/Kg	83		5		33	141	20
2,4,5-Trichlorophenol	1200	0	990	ug/Kg	83		6		38	135	20
1,1-Biphenyl	1200	0	1000	ug/Kg	83		2		55	131	20
2-Chloronaphthalene	1200	0	1000	ug/Kg	83		4		48	124	20
2-Nitroaniline	1200	0	990	ug/Kg	83		8		47	134	20
Dimethylphthalate	1200	0	1000	ug/Kg	83		2		54	120	20
Acenaphthylene	1200	0	990	ug/Kg	83		6		57	125	20
2,6-Dinitrotoluene	1200	0	1000	ug/Kg	83		4		48	127	20
3-Nitroaniline	1200	0	470	ug/Kg	39		3		10	112	20
Acenaphthene	1200	0	1000	ug/Kg	83		0		70	121	20
2,4-Dinitrophenol	2300	0	1600	ug/Kg	70		0		10	155	20
4-Nitrophenol	2300	0	1600	ug/Kg	70		7		10	175	20
Dibenzofuran	1200	0	970	ug/Kg	81		5		52	114	20
2,4-Dinitrotoluene	1200	0	960	ug/Kg	80		5		41	140	20
Diethylphthalate	1200	0	1000	ug/Kg	83		5		51	119	20
4-Chlorophenyl-phenylether	1200	0	970	ug/Kg	81		5		48	122	20
Fluorene	1200	0	940	ug/Kg	78		4		53	118	20
4-Nitroaniline	1200	0	830	ug/Kg	69		3		29	140	20
4,6-Dinitro-2-methylphenol	1200	0	1000	ug/Kg	83		5		10	160	20
N-Nitrosodiphenylamine	1200	0	1100	ug/Kg	92		0		73	118	20
4-Bromophenyl-phenylether	1200	0	1200	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1200	0	1100	ug/Kg	92		10		67	118	20
Atrazine	1200	0	1100	ug/Kg	92		0		45	175	20

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Pentachlorophenol	2300	0	1800	ug/Kg	78		5		13	153	20
Phenanthrene	1200	0	1000	ug/Kg	83		5		52	128	20
Anthracene	1200	0	1000	ug/Kg	83		6		62	124	20
Carbazole	1200	0	920	ug/Kg	77		7		59	119	20
Di-n-butylphthalate	1200	0	1100	ug/Kg	92		10		55	125	20
Fluoranthene	1200	0	890	ug/Kg	74		7		44	125	20
Pyrene	1200	0	650	ug/Kg	54		4		37	122	20
Butylbenzylphthalate	1200	0	980	ug/Kg	82		5		44	135	20
3,3-Dichlorobenzidine	1200	0	390	ug/Kg	33		3		15	112	20
Benzo(a)anthracene	1200	0	1000	ug/Kg	83		4		53	119	20
Chrysene	1200	0	1000	ug/Kg	83		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200	0	1100	ug/Kg	92		10		42	169	20
Di-n-octyl phthalate	1200	0	1100	ug/Kg	92		10		51	156	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92		10		52	117	20
Benzo(k)fluoranthene	1200	0	1100	ug/Kg	92		10		57	134	20
Benzo(a)pyrene	1200	0	1000	ug/Kg	83		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	580	ug/Kg	48		2		40	129	20
Dibenz(a,h)anthracene	1200	0	580	ug/Kg	48		0		43	123	20
Benzo(g,h,i)perylene	1200	0	500	ug/Kg	42		2		24	125	20
1,2,4,5-Tetrachlorobenzene	1200	0	1000	ug/Kg	83		1		52	134	20
1,4-Dioxane	1200	0	860	ug/Kg	72		6		46	112	20
2,3,4,6-Tetrachlorophenol	1200	0	900	ug/Kg	75		3		24	146	20