



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: 01232

Client: Louis Berger U.S., Inc., A WSP Company

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
Lab Sample ID:	01233-02MSD	Client Sample ID:	B-P34AMSD					DataFile:	BF132172.D		
Benzaldehyde	1900	0	1200	ug/Kg	63		5		26	163	20
Phenol	1900	0	1700	ug/Kg	89		5		67	126	20
bis(2-Chloroethyl)ether	1900	0	1700	ug/Kg	89		5		74	116	20
2-Chlorophenol	1900	0	1800	ug/Kg	95		5		61	138	20
2-Methylphenol	1900	0	1700	ug/Kg	89		5		66	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1700	ug/Kg	89		5		52	115	20
Acetophenone	1900	0	1600	ug/Kg	84		5		75	111	20
3+4-Methylphenols	1900	0	1700	ug/Kg	89		5		53	132	20
N-Nitroso-di-n-propylamine	1900	0	1600	ug/Kg	84		1		59	119	20
Hexachloroethane	1900	0	1800	ug/Kg	95		5		65	117	20
Nitrobenzene	1900	0	1700	ug/Kg	89		5		70	119	20
Isophorone	1900	0	1700	ug/Kg	89		5		76	122	20
2-Nitrophenol	1900	0	2000	ug/Kg	105		5		54	145	20
2,4-Dimethylphenol	1900	0	1700	ug/Kg	89		5		83	144	20
bis(2-Chloroethoxy)methane	1900	0	1600	ug/Kg	84		5		68	112	20
2,4-Dichlorophenol	1900	0	1700	ug/Kg	89		5		72	118	20
Naphthalene	1900	0	1600	ug/Kg	84		5		72	110	20
4-Chloroaniline	1900	0	600	ug/Kg	32		10		10	100	20
Hexachlorobutadiene	1900	0	1600	ug/Kg	84		5		66	114	20
Caprolactam	1900	0	2000	ug/Kg	105		5		51	134	20
4-Chloro-3-methylphenol	1900	0	1800	ug/Kg	95		5		57	132	20
2-Methylnaphthalene	1900	0	1500	ug/Kg	79		5		59	123	20
Hexachlorocyclopentadiene	3900	0	3700	ug/Kg	95		3		10	175	20
2,4,6-Trichlorophenol	1900	0	1700	ug/Kg	89		5		72	117	20
2,4,5-Trichlorophenol	1900	0	1600	ug/Kg	84		5		72	117	20
1,1-Biphenyl	1900	0	1600	ug/Kg	84		5		75	113	20
2-Chloronaphthalene	1900	0	1600	ug/Kg	84		5		67	118	20
2-Nitroaniline	1900	0	1800	ug/Kg	95		5		69	127	20
Dimethylphthalate	1900	0	1600	ug/Kg	84		5		70	113	20
Acenaphthylene	1900	0	1600	ug/Kg	84		5		79	118	20
2,6-Dinitrotoluene	1900	0	1900	ug/Kg	100		0		70	125	20
3-Nitroaniline	1900	0	1200	ug/Kg	63		3		20	111	20
Acenaphthene	1900	0	1800	ug/Kg	95		5		70	121	20
2,4-Dinitrophenol	3900	0	4200	ug/Kg	108		0		16	160	20
4-Nitrophenol	3900	0	3900	ug/Kg	100		0		45	133	20
Dibenzofuran	1900	0	1600	ug/Kg	84		11		72	110	20
2,4-Dinitrotoluene	1900	0	2100	ug/Kg	111		6		55	128	20
Diethylphthalate	1900	0	1600	ug/Kg	84		1		70	112	20
4-Chlorophenyl-phenylether	1900	0	1600	ug/Kg	84		5		71	108	20
Fluorene	1900	0	1600	ug/Kg	84		5		68	116	20
4-Nitroaniline	1900	0	1900	ug/Kg	100		5		55	120	20
4,6-Dinitro-2-methylphenol	1900	0	1900	ug/Kg	100		5		32	145	20
N-Nitrosodiphenylamine	1900	0	1500	ug/Kg	79		5		73	118	20
4-Bromophenyl-phenylether	1900	0	1500	ug/Kg	79		5		65	121	20
Hexachlorobenzene	1900	0	1600	ug/Kg	84		1		67	118	20
Atrazine	1900	0	1800	ug/Kg	95		5		79	127	20
Pentachlorophenol	3900	0	3100	ug/Kg	79		0		47	128	20



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Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
Phenanthrene	1900	0	1500	ug/Kg	79		5		72	113	20
Anthracene	1900	0	1500	ug/Kg	79		5		62	124	20
Carbazole	1900	0	1600	ug/Kg	84		1		59	119	20
Di-n-butylphthalate	1900	0	1700	ug/Kg	89		1		69	118	20
Fluoranthene	1900	0	1700	ug/Kg	89		5		59	125	20
Pyrene	1900	0	1600	ug/Kg	84		5		52	128	20
Butylbenzylphthalate	1900	0	1900	ug/Kg	100		5		64	126	20
3,3-Dichlorobenzidine	1900	0	870	ug/Kg	46		9		10	164	20
Benzo(a)anthracene	1900	0	1600	ug/Kg	84		1		71	114	20
Chrysene	1900	0	1600	ug/Kg	84		5		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	1700	ug/Kg	89		1		66	127	20
Di-n-octyl phthalate	1900	0	1700	ug/Kg	89		5		71	126	20
Benzo(b)fluoranthene	1900	0	1800	ug/Kg	95		5		67	121	20
Benzo(k)fluoranthene	1900	0	1700	ug/Kg	89		5		74	114	20
Benzo(a)pyrene	1900	0	1600	ug/Kg	84		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1500	ug/Kg	79		5		61	125	20
Dibenz(a,h)anthracene	1900	0	1600	ug/Kg	84		1		67	130	20
Benzo(g,h,i)perylene	1900	0	1500	ug/Kg	79		5		53	140	20
1,2,4,5-Tetrachlorobenzene	1900	0	1500	ug/Kg	79		5		69	124	20
1,4-Dioxane	1900	0	1500	ug/Kg	79		5		46	112	20
2,3,4,6-Tetrachlorophenol	1900	0	1800	ug/Kg	95		5		56	133	20