

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1421-06MSD	Client Sample ID:	P001-CLAY-CF01-01MSD					DataFile:	BP024122.D		
Benzaldehyde	50	0	31.7	ug/L	63		3		10	137	20
Phenol	50	0	13.8	ug/L	28		7		10	130	20
bis(2-Chloroethyl)ether	50	0	45.0	ug/L	90		5		29	141	20
2-Chlorophenol	50	0	36.2	ug/L	72		4		23	127	20
2-Methylphenol	50	0	34.0	ug/L	68		6		60	131	20
2,2-oxybis(1-Chloropropane)	50	0	46.8	ug/L	94		7		36	141	20
Acetophenone	50	0	50.2	ug/L	100		3		31	164	20
3+4-Methylphenols	50	0	30.3	ug/L	61		9		54	136	20
N-Nitroso-di-n-propylamine	50	0	51.0	ug/L	102		9		36	147	20
Hexachloroethane	50	0	28.7	ug/L	57		2		19	146	20
Nitrobenzene	50	0	45.1	ug/L	90		3		62	112	20
Isophorone	50	0	53.7	ug/L	107		7		39	146	20
2-Nitrophenol	50	0	45.2	ug/L	90		0		30	148	20
2,4-Dimethylphenol	50	0	56.3	ug/L	113		5		17	143	20
bis(2-Chloroethoxy)methane	50	0	46.9	ug/L	94		5		39	143	20
2,4-Dichlorophenol	50	0	44.8	ug/L	90		6		22	146	20
Naphthalene	50	0	38.7	ug/L	77		4		17	157	20
4-Chloroaniline	50	0	39.9	ug/L	80		5		10	95	20
Hexachlorobutadiene	50	0	30.8	ug/L	62		5		52	125	20
Caprolactam	50	0	13.5	ug/L	27		8		10	130	20
4-Chloro-3-methylphenol	50	0	44.5	ug/L	89		9		17	148	20
2-Methylnaphthalene	50	0	41.9	ug/L	84		9		38	146	20
Hexachlorocyclopentadiene	100	0	120	ug/L	120		0		20	153	20
2,4,6-Trichlorophenol	50	0	47.8	ug/L	96		1		78	112	20
2,4,5-Trichlorophenol	50	0	48.6	ug/L	97		3		71	111	20
1,1-Biphenyl	50	0	48.2	ug/L	96		1		38	154	20
2-Chloronaphthalene	50	0	43.4	ug/L	87		2		41	145	20
2-Nitroaniline	50	0	52.4	ug/L	105		3		39	151	20
Dimethylphthalate	50	9.50	61.4	ug/L	104		8		42	147	20
Acenaphthylene	50	0	50.3	ug/L	101		5		40	141	20
2,6-Dinitrotoluene	50	0	51.2	ug/L	102		5		43	148	20
3-Nitroaniline	50	0	24.7	ug/L	49		6		10	111	20
Acenaphthene	50	0	46.5	ug/L	93		4		37	146	20
2,4-Dinitrophenol	100	0	71.9	ug/L	72		18		14	167	20
4-Nitrophenol	100	0	36.2	ug/L	36		3		10	130	20
Dibenzofuran	50	0	44.9	ug/L	90		5		41	145	20
2,4-Dinitrotoluene	50	0	55.3	ug/L	111		6		74	137	20
Diethylphthalate	50	4.00	50.9	ug/L	94		11		41	148	20
4-Chlorophenyl-phenylether	50	0	46.8	ug/L	94		7		38	149	20
Fluorene	50	0	48.2	ug/L	96		5		39	144	20
4-Nitroaniline	50	0	36.6	ug/L	73		4		27	138	20
4,6-Dinitro-2-methylphenol	50	0	37.5	ug/L	75		4		32	175	20
N-Nitrosodiphenylamine	50	0	48.5	ug/L	97		4		40	150	20
4-Bromophenyl-phenylether	50	0	46.0	ug/L	92		3		42	151	20
Hexachlorobenzene	50	0	46.8	ug/L	94		5		72	115	20
Atrazine	50	0	72.7	ug/L	145		5		20	162	20

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Pentachlorophenol	100	0	95.1	ug/L	95		4		52	162	20
Phenanthrene	50	0	47.4	ug/L	95		4		40	147	20
Anthracene	50	0	50.3	ug/L	101		4		41	146	20
Carbazole	50	0	50.1	ug/L	100		3		37	154	20
Di-n-butylphthalate	50	2.10	54.4	ug/L	105		9		40	151	20
Fluoranthene	50	0	48.6	ug/L	97		3		42	146	20
Pyrene	50	0	47.0	ug/L	94		3		41	149	20
Butylbenzylphthalate	50	0	55.9	ug/L	112		2		39	155	20
3,3-Dichlorobenzidine	50	0	59.8	ug/L	120	*	9		10	114	20
Benzo(a)anthracene	50	0	50.0	ug/L	100		3		41	147	20
Chrysene	50	0	47.8	ug/L	96		2		44	144	20
bis(2-Ethylhexyl)phthalate	50	0	55.7	ug/L	111		7		33	160	20
Di-n-octyl phthalate	50	0	58.4	ug/L	117		10		36	158	20
Benzo(b)fluoranthene	50	0	45.5	ug/L	91		3		40	150	20
Benzo(k)fluoranthene	50	0	47.7	ug/L	95		4		40	147	20
Benzo(a)pyrene	50	0	51.8	ug/L	104		5		42	147	20
Indeno(1,2,3-cd)pyrene	50	0	52.9	ug/L	106		6		30	166	20
Dibenz(a,h)anthracene	50	0	51.3	ug/L	103		6		23	172	20
Benzo(g,h,i)perylene	50	0	47.9	ug/L	96		4		27	167	20
1,2,4,5-Tetrachlorobenzene	50	0	44.7	ug/L	89		1		89	102	20
1,4-Dioxane	50	0	20.4	ug/L	41		2		38	130	20
2,3,4,6-Tetrachlorophenol	50	0	48.1	ug/L	96		2		91	111	20