

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:	Q1421-05MS	Client Sample ID:	P001-CLAY-CF01-01MS					DataFile:	BP024121.D		
Benzaldehyde	50	0	30.5	ug/L	61				10	137	
Phenol	50	0	13.0	ug/L	26				10	130	
bis(2-Chloroethyl)ether	50	0	42.8	ug/L	86				29	141	
2-Chlorophenol	50	0	34.7	ug/L	69				23	127	
2-Methylphenol	50	0	32.2	ug/L	64				60	131	
2,2-oxybis(1-Chloropropane)	50	0	43.8	ug/L	88				36	141	
Acetophenone	50	0	48.5	ug/L	97				31	164	
3+4-Methylphenols	50	0	28.0	ug/L	56				54	136	
N-Nitroso-di-n-propylamine	50	0	46.5	ug/L	93				36	147	
Hexachloroethane	50	0	27.8	ug/L	56				19	146	
Nitrobenzene	50	0	43.5	ug/L	87				62	112	
Isophorone	50	0	50.2	ug/L	100				39	146	
2-Nitrophenol	50	0	45.1	ug/L	90				30	148	
2,4-Dimethylphenol	50	0	53.8	ug/L	108				17	143	
bis(2-Chloroethoxy)methane	50	0	44.7	ug/L	89				39	143	
2,4-Dichlorophenol	50	0	42.4	ug/L	85				22	146	
Naphthalene	50	0	37.0	ug/L	74				17	157	
4-Chloroaniline	50	0	37.8	ug/L	76				10	95	
Hexachlorobutadiene	50	0	29.7	ug/L	59				52	125	
Caprolactam	50	0	12.7	ug/L	25				10	130	
4-Chloro-3-methylphenol	50	0	40.3	ug/L	81				17	148	
2-Methylnaphthalene	50	0	38.6	ug/L	77				38	146	
Hexachlorocyclopentadiene	100	0	120	ug/L	120				20	153	
2,4,6-Trichlorophenol	50	0	47.3	ug/L	95				78	112	
2,4,5-Trichlorophenol	50	0	46.8	ug/L	94				71	111	
1,1-Biphenyl	50	0	47.5	ug/L	95				38	154	
2-Chloronaphthalene	50	0	42.5	ug/L	85				41	145	
2-Nitroaniline	50	0	50.8	ug/L	102				39	151	
Dimethylphthalate	50	9.50	57.3	ug/L	96				42	147	
Acenaphthylene	50	0	47.9	ug/L	96				40	141	
2,6-Dinitrotoluene	50	0	48.4	ug/L	97				43	148	
3-Nitroaniline	50	0	22.9	ug/L	46				10	111	
Acenaphthene	50	0	44.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	59.6	ug/L	60				14	167	
4-Nitrophenol	100	0	35.3	ug/L	35				10	130	
Dibenzofuran	50	0	43.0	ug/L	86				41	145	
2,4-Dinitrotoluene	50	0	52.4	ug/L	105				74	137	
Diethylphthalate	50	4.00	45.9	ug/L	84				41	148	
4-Chlorophenyl-phenylether	50	0	44.1	ug/L	88				38	149	
Fluorene	50	0	45.3	ug/L	91				39	144	
4-Nitroaniline	50	0	35.1	ug/L	70				27	138	
4,6-Dinitro-2-methylphenol	50	0	35.8	ug/L	72				32	175	
N-Nitrosodiphenylamine	50	0	46.6	ug/L	93				40	150	
4-Bromophenyl-phenylether	50	0	44.4	ug/L	89				42	151	
Hexachlorobenzene	50	0	44.6	ug/L	89				72	115	
Atrazine	50	0	69.2	ug/L	138				20	162	

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Pentachlorophenol	100	0	99.1	ug/L	99				52	162	
Phenanthrene	50	0	45.6	ug/L	91				40	147	
Anthracene	50	0	48.4	ug/L	97				41	146	
Carbazole	50	0	48.7	ug/L	97				37	154	
Di-n-butylphthalate	50	2.10	50.3	ug/L	96				40	151	
Fluoranthene	50	0	46.8	ug/L	94				42	146	
Pyrene	50	0	48.5	ug/L	97				41	149	
Butylbenzylphthalate	50	0	55.0	ug/L	110				39	155	
3,3-Dichlorobenzidine	50	0	55.1	ug/L	110				10	114	
Benzo(a)anthracene	50	0	48.3	ug/L	97				41	147	
Chrysene	50	0	47.0	ug/L	94				44	144	
bis(2-Ethylhexyl)phthalate	50	0	51.7	ug/L	103				33	160	
Di-n-octyl phthalate	50	0	52.9	ug/L	106				36	158	
Benzo(b)fluoranthene	50	0	44.2	ug/L	88				40	150	
Benzo(k)fluoranthene	50	0	45.7	ug/L	91				40	147	
Benzo(a)pyrene	50	0	49.4	ug/L	99				42	147	
Indeno(1,2,3-cd)pyrene	50	0	49.9	ug/L	100				30	166	
Dibenz(a,h)anthracene	50	0	48.6	ug/L	97				23	172	
Benzo(g,h,i)perylene	50	0	46.0	ug/L	92				27	167	
1,2,4,5-Tetrachlorobenzene	50	0	44.9	ug/L	90				89	102	
1,4-Dioxane	50	0	20.9	ug/L	42				38	130	
2,3,4,6-Tetrachlorophenol	50	0	46.9	ug/L	94				91	111	