

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3179

Analytical Method: SW8270E

Client: Weston Solutions, Inc.

DataFile: BF143839.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3179-02MS		Client Sample ID: EME-TS14-01MS									
n-Nitrosodimethylamine	50	0	18.9	ug/L	38				10	130	
Pyridine	50	0	19.2	ug/L	38				10	109	
Benzaldehyde	50	0	30.2	ug/L	60				10	137	
Aniline	50	0	26.0	ug/L	52				10	130	
Phenol	50	0	17.2	ug/L	34				10	130	
bis(2-Chloroethyl)ether	50	0	44.9	ug/L	90				29	141	
2-Chlorophenol	50	0	38.4	ug/L	77				23	127	
1,2-Dichlorobenzene	50	0	42.0	ug/L	84				61	114	
1,3-Dichlorobenzene	50	0	40.1	ug/L	80				65	106	
1,4-Dichlorobenzene	50	0	40.9	ug/L	82				55	125	
Benzyl Alcohol	50	0	36.8	ug/L	74				31	94	
2-Methylphenol	50	0	34.4	ug/L	69				60	131	
2,2-oxybis(1-Chloropropane)	50	0	39.0	ug/L	78				36	141	
Acetophenone	50	0	51.8	ug/L	104				31	164	
3+4-Methylphenols	50	0	30.8	ug/L	62				54	136	
N-Nitroso-di-n-propylamine	50	0	48.2	ug/L	96				36	147	
Hexachloroethane	50	0	39.0	ug/L	78				19	146	
Nitrobenzene	50	0	47.3	ug/L	95				62	112	
Isophorone	50	0	50.2	ug/L	100				39	146	
2-Nitrophenol	50	0	52.0	ug/L	104				30	148	
2,4-Dimethylphenol	50	0	46.9	ug/L	94				17	143	
bis(2-Chloroethoxy)methane	50	0	48.0	ug/L	96				39	143	
2,4-Dichlorophenol	50	0	45.5	ug/L	91				22	146	
1,2,4-Trichlorobenzene	50	0	46.5	ug/L	93				66	110	
Benzoic acid	50	0	23.7	ug/L	47				10	101	
Naphthalene	50	0	43.9	ug/L	88				17	157	
4-Chloroaniline	50	0	29.9	ug/L	60				10	95	
Hexachlorobutadiene	50	0	43.5	ug/L	87				52	125	
Caprolactam	50	0	11.8	ug/L	24				10	130	
4-Chloro-3-methylphenol	50	0	45.1	ug/L	90				17	148	
2-Methylnaphthalene	50	0	43.4	ug/L	87				38	146	
Hexachlorocyclopentadiene	100	0	110	ug/L	110				20	153	
2,4,6-Trichlorophenol	50	0	51.1	ug/L	102				78	112	
2,4,5-Trichlorophenol	50	0	49.4	ug/L	99				71	111	
1,1-Biphenyl	50	0	50.2	ug/L	100				38	154	
2-Chloronaphthalene	50	0	45.5	ug/L	91				41	145	
2-Nitroaniline	50	0	60.6	ug/L	121				39	151	
Dimethylphthalate	50	0	51.7	ug/L	103				42	147	
Acenaphthylene	50	0	54.0	ug/L	108				40	141	
2,6-Dinitrotoluene	50	0	67.7	ug/L	135				43	148	
3-Nitroaniline	50	0	41.0	ug/L	82				10	111	
Acenaphthene	50	0	51.2	ug/L	102				37	146	
2,4-Dinitrophenol	100	0	110	ug/L	110				14	167	
4-Nitrophenol	100	0	37.8	ug/L	38				10	130	
Dibenzofuran	50	0	48.7	ug/L	97				41	145	
2,4-Dinitrotoluene	50	0	60.7	ug/L	121				74	137	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3179

Analytical Method: SW8270E

Client: Weston Solutions, Inc.

DataFile: BF143839.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Diethylphthalate	50	0	51.9	ug/L	104				41	148	
4-Chlorophenyl-phenylether	50	0	50.9	ug/L	102				38	149	
Fluorene	50	0	50.3	ug/L	101				39	144	
4-Nitroaniline	50	0	59.9	ug/L	120				27	138	
4,6-Dinitro-2-methylphenol	50	0	61.8	ug/L	124				32	175	
N-Nitrosodiphenylamine	50	0	48.9	ug/L	98				40	150	
Azobenzene	50	0	50.7	ug/L	101				72	112	
4-Bromophenyl-phenylether	50	0	53.3	ug/L	107				42	151	
Hexachlorobenzene	50	0	54.6	ug/L	109				72	115	
Atrazine	50	0	53.2	ug/L	106				20	162	
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	50	0	47.5	ug/L	95				40	147	
Anthracene	50	0	48.4	ug/L	97				41	146	
Carbazole	50	0	47.8	ug/L	96				37	154	
Di-n-butylphthalate	50	0	48.4	ug/L	97				40	151	
Fluoranthene	50	0	48.1	ug/L	96				42	146	
Benzidine	100	0	23.0	ug/L	23				10	130	
Pyrene	50	0	58.3	ug/L	117				41	149	
Butylbenzylphthalate	50	0	54.4	ug/L	109				39	155	
3,3-Dichlorobenzidine	50	0	39.4	ug/L	79				10	114	
Benzo(a)anthracene	50	0	51.2	ug/L	102				41	147	
Chrysene	50	0	48.0	ug/L	96				44	144	
bis(2-Ethylhexyl)phthalate	50	0	44.2	ug/L	88				33	160	
Di-n-octyl phthalate	50	0	39.2	ug/L	78				36	158	
Benzo(b)fluoranthene	50	0	55.3	ug/L	111				40	150	
Benzo(k)fluoranthene	50	0	43.5	ug/L	87				40	147	
Benzo(a)pyrene	50	0	52.0	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	50	0	52.3	ug/L	105				30	166	
Dibenz(a,h)anthracene	50	0	52.6	ug/L	105				23	172	
Benzo(g,h,i)perylene	50	0	54.6	ug/L	109				27	167	
1,2,4,5-Tetrachlorobenzene	50	0	50.4	ug/L	101				89	102	
1,4-Dioxane	50	0	19.3	ug/L	39				38	130	
2,3,4,6-Tetrachlorophenol	50	0	61.8	ug/L	124	*			91	111	
1-Methylnaphthalene	50	0	46.2	ug/L	92				25	151	