Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3179 **Analytical Method:** SW8270E

Client: Weston Solutions, Inc. **DataFile:** BF143840.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3179-03MSD		**Client Sample ID: EME-TS14-01MSD**									
n-Nitrosodimethylamine	50	0	18.8	ug/L	38		0		10	130	20
Pyridine	50	0	19.2	ug/L	38		0		10	109	20
Benzaldehyde	50	0	30.4	ug/L	61		2		10	137	20
Aniline	50	0	27.2	ug/L	54		4		10	130	20
Phenol	50	0	17.5	ug/L	35		3		10	130	20
bis(2-Chloroethyl)ether	50	0	45.6	ug/L	91		1		29	141	20
2-Chlorophenol	50	0	39.1	ug/L	78		1		23	127	20
Benzyl Alcohol	50	0	37.6	ug/L	75		1		31	94	20
2-Methylphenol	50	0	34.7	ug/L	69		0		60	131	20
2,2-oxybis(1-Chloropropane)	50	0	39.6	ug/L	79		1		36	141	20
Acetophenone	50	0	53.2	ug/L	106		2		31	164	20
3+4-Methylphenols	50	0	31.0	ug/L	62		0		54	136	20
N-Nitroso-di-n-propylamine	50	0	49.6	ug/L	99		3		36	147	20
Hexachloroethane	50	0	39.7	ug/L	79		1		19	146	20
Nitrobenzene	50	0	48.4	ug/L	97		2		62	112	20
Isophorone	50	0	51.0	ug/L	102		2		39	146	20
2-Nitrophenol	50	0	54.2	ug/L	108		4		30	148	20
2,4-Dimethylphenol	50	0	48.2	ug/L	96		2		17	143	20
bis(2-Chloroethoxy)methane	50	0	49.1	ug/L	98		2		39	143	20
2,4-Dichlorophenol	50	0	46.7	ug/L	93		2		22	146	20
Benzoic acid	50	0	24.1	ug/L	48		2		10	101	20
Naphthalene	50	0	45.1	ug/L	90		2		17	157	20
4-Chloroaniline	50	0	32.5	ug/L	65		8		10	95	20
Hexachlorobutadiene	50	0	44.7	ug/L	89		2		52	125	20
Caprolactam	50	0	11.9	ug/L	24		0		10	130	20
4-Chloro-3-methylphenol	50	0	45.9	ug/L	92		2		17	148	20
2-Methylnaphthalene	50	0	44.5	ug/L	89		2		38	146	20
Hexachlorocyclopentadiene	100	0	110	ug/L	110		0		20	153	20
2,4,6-Trichlorophenol	50	0	51.7	ug/L	103		1		78	112	20
2,4,5-Trichlorophenol	50	0	50.0	ug/L	100		1		71	111	20
1,1-Biphenyl	50	0	50.2	ug/L	100		0		38	154	20
2-Chloronaphthalene	50	0	45.9	ug/L	92		1		41	145	20
2-Nitroaniline	50	0	62.0	ug/L	124		2		39	151	20
Dimethylphthalate	50	0	52.1	ug/L	104		1		42	147	20
Acenaphthylene	50	0	54.5	ug/L	109		1		40	141	20
2,6-Dinitrotoluene	50	0	69.7	ug/L	139		3		43	148	20
3-Nitroaniline	50	0	43.1	ug/L	86		5		10	111	20
Acenaphthene	50	0	52.0	ug/L	104		2		37	146	20
2,4-Dinitrophenol	100	0	110	ug/L	110		0		14	167	20
4-Nitrophenol	100	0	38.3	ug/L	38		0		10	130	20
Dibenzofuran	50	0	49.7	ug/L	99		2		41	145	20
2,4-Dinitrotoluene	50	0	61.2	ug/L	122		1		74	137	20
Diethylphthalate	50	0	52.2	ug/L	104		0		41	148	20
4-Chlorophenyl-phenylether	50	0	51.7	ug/L	103		1		38	149	20
Fluorene	50	0	51.0	ug/L	102		1		39	144	20
4-Nitroaniline	50	0	59.7	ug/L	119		1		27	138	20

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Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,6-Dinitro-2-methylphenol	50	0	64.7	ug/L	129		4		32	175	20
N-Nitrosodiphenylamine	50	0	49.8	ug/L	100		2		40	150	20
Azobenzene	50	0	51.5	ug/L	103		2		72	112	20
4-Bromophenyl-phenylether	50	0	54.5	ug/L	109		2		42	151	20
Hexachlorobenzene	50	0	56.4	ug/L	113		4		72	115	20
Atrazine	50	0	55.0	ug/L	110		4		20	162	20
Pentachlorophenol	100	0	120	ug/L	120		9		52	162	20
Phenanthrene	50	0	49.0	ug/L	98		3		40	147	20
Anthracene	50	0	49.7	ug/L	99		2		41	146	20
Carbazole	50	0	49.4	ug/L	99		3		37	154	20
Di-n-butylphthalate	50	0	50.2	ug/L	100		3		40	151	20
Fluoranthene	50	0	49.9	ug/L	100		4		42	146	20
Benzidine	100	0	25.5	ug/L	26		12		10	130	20
Pyrene	50	0	60.6	ug/L	121		3		41	149	20
Butylbenzylphthalate	50	0	56.6	ug/L	113		4		39	155	20
3,3-Dichlorobenzidine	50	0	41.5	ug/L	83		5		10	114	20
Benzo(a)anthracene	50	0	50.3	ug/L	101		1		41	147	20
Chrysene	50	0	52.6	ug/L	105		9		44	144	20
bis(2-Ethylhexyl)phthalate	50	0	45.3	ug/L	91		3		33	160	20
Di-n-octyl phthalate	50	0	40.0	ug/L	80		3		36	158	20
Benzo(b)fluoranthene	50	0	51.2	ug/L	102		8		40	150	20
Benzo(k)fluoranthene	50	0	50.8	ug/L	102		16		40	147	20
Benzo(a)pyrene	50	0	54.0	ug/L	108		4		42	147	20
Indeno(1,2,3-cd)pyrene	50	0	54.7	ug/L	109		4		30	166	20
Dibenz(a,h)anthracene	50	0	54.9	ug/L	110		5		23	172	20
Benzo(g,h,i)perylene	50	0	57.1	ug/L	114		4		27	167	20
1,2,4,5-Tetrachlorobenzene	50	0	50.8	ug/L	102		1		89	102	20
1,4-Dioxane	50	0	19.4	ug/L	39		0		38	130	20
2,3,4,6-Tetrachlorophenol	50	0	63.6	ug/L	127	*	2		91	111	20
1-Methylnaphthalene	50	0	47.7	ug/L	95		3		25	151	20