

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3179

Analytical Method:

SW8260D

Client: Weston Solutions, Inc.

Datafile :

VN087957.D

Limits											
		Sample				Rec	RPD				
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3179-02MS	Client Sample ID :	EME-TS14-01MS								
Dichlorodifluoromethane	50	0	53.5	ug/L	107				73	120	
Chloromethane	50	0	54.9	ug/L	110				58	133	
Vinyl chloride	50	0	55.4	ug/L	111				69	125	
Ethyl Acetate	50	0	56.8	ug/L	114				60	147	
Bromomethane	50	0	55.2	ug/L	110				28	165	
Chloroethane	50	0	55.6	ug/L	111				70	141	
Trichlorofluoromethane	50	0	55.4	ug/L	111				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	55.2	ug/L	110				75	117	
1,1-Dichloroethene	50	0	55.8	ug/L	112				53	162	
Acrolein	250	0	250	ug/L	100				32	157	
Acrylonitrile	250	0	300	ug/L	120				60	146	
Acetone	250	0	300	ug/L	120				44	150	
Carbon disulfide	50	0	52.5	ug/L	105				44	135	
Methyl tert-butyl Ether	50	0	59.0	ug/L	118				82	133	
Methyl Acetate	50	0	68.9	ug/L	138				76	138	
Methylene Chloride	50	7.60	65.4	ug/L	116	*			79	115	
trans-1,2-Dichloroethene	50	0	53.1	ug/L	106				76	118	
1,1-Dichloroethane	50	0	57.7	ug/L	115				78	122	
Cyclohexane	50	0	54.5	ug/L	109				71	119	
2-Butanone	250	0	310	ug/L	124				67	137	
Carbon Tetrachloride	50	0	56.2	ug/L	112				66	133	
2,2-Dichloropropane	50	0	53.3	ug/L	107				39	146	
cis-1,2-Dichloroethene	50	0	57.6	ug/L	115				82	124	
Bromochloromethane	50	0	48.4	ug/L	97				72	130	
Chloroform	50	0	58.2	ug/L	116				83	119	
1,1,1-Trichloroethane	50	0	57.8	ug/L	116				83	117	
Methylcyclohexane	50	0	57.0	ug/L	114				64	120	
1,1-Dichloropropene	50	0	56.2	ug/L	112				64	132	
Benzene	50	0	56.7	ug/L	113				81	128	
1,2-Dichloroethane	50	0	56.4	ug/L	113				76	120	
Trichloroethene	50	0	54.7	ug/L	109				28	175	
1,2-Dichloropropane	50	0	57.1	ug/L	114				85	116	
Dibromomethane	50	0	58.2	ug/L	116				71	132	
Bromodichloromethane	50	0	57.7	ug/L	115				54	157	
4-Methyl-2-Pentanone	250	0	310	ug/L	124				72	137	
Toluene	50	0	57.0	ug/L	114				85	115	
t-1,3-Dichloropropene	50	0	57.7	ug/L	115				60	141	
cis-1,3-Dichloropropene	50	0	56.6	ug/L	113				36	161	
1,1,2-Trichloroethane	50	0	58.1	ug/L	116				27	175	
1,3-Dichloropropane	50	0	58.7	ug/L	117				71	132	
2-Chloroethyl vinyl ether	250	0	300	ug/L	120				70	128	
2-Hexanone	250	0	330	ug/L	132	*			75	131	
Dibromochloromethane	50	0	58.5	ug/L	117				59	164	
1,2-Dibromoethane	50	0	57.3	ug/L	115				85	119	
Tetrachloroethene	50	0	59.8	ug/L	120				48	153	

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Parameter	Spike	Sample	Result	Units	Rec			RPD		Limits		RPD
		Result			Qual	RPD	Qual	Low	High			
Chlorobenzene	50	0	55.3	ug/L	111					85	114	
1,1,1,2-Tetrachloroethane	50	0	57.1	ug/L	114					69	129	
Ethyl Benzene	50	0	56.9	ug/L	114					81	128	
m/p-Xylenes	100	0	120	ug/L	120					69	129	
o-Xylene	50	0	57.5	ug/L	115					75	127	
Styrene	50	0	59.9	ug/L	120					84	128	
Bromoform	50	0	57.4	ug/L	115					73	147	
Isopropylbenzene	50	0	56.1	ug/L	112					76	121	
1,1,2,2-Tetrachloroethane	50	0	55.0	ug/L	110					81	131	
1,2,3-Trichloropropane	50	0	50.3	ug/L	101					68	128	
Bromobenzene	50	0	53.5	ug/L	107					65	126	
2-Chlorotoluene	50	0	54.0	ug/L	108					63	125	
1,3,5-Trimethylbenzene	50	0	56.2	ug/L	112					40	169	
4-Chlorotoluene	50	0	56.7	ug/L	113					63	126	
1,2,4-Trimethylbenzene	50	0	56.6	ug/L	113					81	116	
1,3-Dichlorobenzene	50	0	54.2	ug/L	108					84	110	
1,4-Dichlorobenzene	50	0	54.1	ug/L	108					81	111	
1,2-Dichlorobenzene	50	0	54.6	ug/L	109					82	113	
1,2-Dibromo-3-Chloropropane	50	0	51.0	ug/L	102					79	137	
1,2,4-Trichlorobenzene	50	0	54.4	ug/L	109					73	120	
1,2,3-Trichlorobenzene	50	0	55.9	ug/L	112					75	119	
Methyl iodide	50	0	58.1	ug/L	116					77	120	