

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Analytical Method: SW8260D

Parameter	Spike	Sample	Result	Units	Rec		RPD	Limits		
		Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q1421-05MS	Client Sample ID :	P001-CLAY-CF01-01MS				Datafile :	VN085876.D		
Dichlorodifluoromethane	50	0	40.8	ug/L	82			73	120	
Chloromethane	50	0	41.8	ug/L	84			58	133	
Vinyl chloride	50	0	42.2	ug/L	84			69	125	
Bromomethane	50	0	40.5	ug/L	81			28	165	
Chloroethane	50	0	41.2	ug/L	82			70	141	
Trichlorofluoromethane	50	0	41.2	ug/L	82			72	124	
1,1,2-Trichlorotrifluoroethane	50	0	42.0	ug/L	84			75	117	
1,1-Dichloroethene	50	0	44.6	ug/L	89			53	162	
Acetone	250	38.8	280	ug/L	96			44	150	
Carbon disulfide	50	0	37.5	ug/L	75			44	135	
Methyl tert-butyl Ether	50	0	50.9	ug/L	102			82	133	
Methyl Acetate	50	0	50.0	ug/L	100			76	138	
Methylene Chloride	50	2.30	47.9	ug/L	91			79	115	
trans-1,2-Dichloroethene	50	0	42.9	ug/L	86			76	118	
1,1-Dichloroethane	50	0	45.7	ug/L	91			78	122	
Cyclohexane	50	0	38.3	ug/L	77			71	119	
2-Butanone	250	0	260	ug/L	104			67	137	
Carbon Tetrachloride	50	0	42.7	ug/L	85			66	133	
cis-1,2-Dichloroethene	50	0	46.3	ug/L	93			82	124	
Bromochloromethane	50	0	53.0	ug/L	106			72	130	
Chloroform	50	0	45.9	ug/L	92			83	119	
1,1,1-Trichloroethane	50	0	43.2	ug/L	86			83	117	
Methylcyclohexane	50	0	41.8	ug/L	84			64	120	
Benzene	50	0	45.6	ug/L	91			81	128	
1,2-Dichloroethane	50	0	44.8	ug/L	90			76	120	
Trichloroethene	50	0	42.0	ug/L	84			28	175	
1,2-Dichloropropane	50	0	47.8	ug/L	96			85	116	
Bromodichloromethane	50	0	46.4	ug/L	93			54	157	
4-Methyl-2-Pentanone	250	0	270	ug/L	108			72	137	
Toluene	50	0	47.8	ug/L	96			85	115	
t-1,3-Dichloropropene	50	0	48.7	ug/L	97			60	141	
cis-1,3-Dichloropropene	50	0	48.7	ug/L	97			36	161	
1,1,2-Trichloroethane	50	0	48.4	ug/L	97			27	175	
2-Hexanone	250	0	280	ug/L	112			75	131	
Dibromochloromethane	50	0	49.8	ug/L	100			59	164	
1,2-Dibromoethane	50	0	49.2	ug/L	98			85	119	
Tetrachloroethene	50	0	44.8	ug/L	90			48	153	
Chlorobenzene	50	0	44.6	ug/L	89			85	114	
Ethyl Benzene	50	0	47.0	ug/L	94			81	128	
m/p-Xylenes	100	0	99.2	ug/L	99			69	129	
o-Xylene	50	0	49.4	ug/L	99			75	127	
Styrene	50	0	46.4	ug/L	93			84	128	
Bromoform	50	0	50.2	ug/L	100			73	147	
Isopropylbenzene	50	0	45.4	ug/L	91			76	121	
1,1,2,2-Tetrachloroethane	50	0	45.2	ug/L	90			81	131	

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		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	43.4	ug/L	87				84	110	
1,4-Dichlorobenzene	50	0	42.1	ug/L	84				81	111	
1,2-Dichlorobenzene	50	0	44.2	ug/L	88				82	113	
1,2-Dibromo-3-Chloropropane	50	0	44.1	ug/L	88				79	137	
1,2,4-Trichlorobenzene	50	0	43.2	ug/L	86				73	120	
1,2,3-Trichlorobenzene	50	0	42.8	ug/L	86				75	119	