

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Analytical Method: SW8260D

Limits											
Parameter	Spike	Sample	Result	Units	Rec		RPD	RPD		RPD	
		Result			Qual	Qual		Low	High		
Lab Sample ID :	Q1421-06MSD	Client Sample ID :	P001-CLAY-CF01-01MSD					Datafile :	VN085877.D		
Dichlorodifluoromethane	50	0	42.2	ug/L	84		3		73	120	20
Chloromethane	50	0	43.7	ug/L	87		4		58	133	20
Vinyl chloride	50	0	43.7	ug/L	87		3		69	125	20
Bromomethane	50	0	43.1	ug/L	86		6		28	165	20
Chloroethane	50	0	42.5	ug/L	85		3		70	141	20
Trichlorofluoromethane	50	0	43.0	ug/L	86		4		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	43.2	ug/L	86		3		75	117	20
1,1-Dichloroethene	50	0	45.4	ug/L	91		2		53	162	20
Acetone	250	38.8	280	ug/L	96		0		44	150	20
Carbon disulfide	50	0	39.4	ug/L	79		5		44	135	20
Methyl tert-butyl Ether	50	0	54.4	ug/L	109		7		82	133	20
Methyl Acetate	50	0	51.6	ug/L	103		3		76	138	20
Methylene Chloride	50	2.30	49.3	ug/L	94		3		79	115	20
trans-1,2-Dichloroethene	50	0	44.8	ug/L	90		4		76	118	20
1,1-Dichloroethane	50	0	47.7	ug/L	95		4		78	122	20
Cyclohexane	50	0	40.3	ug/L	81		5		71	119	20
2-Butanone	250	0	270	ug/L	108		4		67	137	20
Carbon Tetrachloride	50	0	44.4	ug/L	89		4		66	133	20
cis-1,2-Dichloroethene	50	0	48.2	ug/L	96		4		82	124	20
Bromochloromethane	50	0	53.3	ug/L	107		1		72	130	20
Chloroform	50	0	48.0	ug/L	96		4		83	119	20
1,1,1-Trichloroethane	50	0	45.3	ug/L	91		5		83	117	20
Methylcyclohexane	50	0	44.8	ug/L	90		7		64	120	20
Benzene	50	0	47.7	ug/L	95		5		81	128	20
1,2-Dichloroethane	50	0	46.8	ug/L	94		4		76	120	20
Trichloroethene	50	0	45.1	ug/L	90		7		28	175	20
1,2-Dichloropropane	50	0	49.9	ug/L	100		4		85	116	20
Bromodichloromethane	50	0	48.7	ug/L	97		5		54	157	20
4-Methyl-2-Pentanone	250	0	280	ug/L	112		4		72	137	20
Toluene	50	0	50.1	ug/L	100		5		85	115	20
t-1,3-Dichloropropene	50	0	51.9	ug/L	104		6		60	141	20
cis-1,3-Dichloropropene	50	0	50.5	ug/L	101		4		36	161	20
1,1,2-Trichloroethane	50	0	50.8	ug/L	102		5		27	175	20
2-Hexanone	250	0	290	ug/L	116		4		75	131	20
Dibromochloromethane	50	0	52.4	ug/L	105		5		59	164	20
1,2-Dibromoethane	50	0	52.0	ug/L	104		6		85	119	20
Tetrachloroethene	50	0	47.4	ug/L	95		6		48	153	20
Chlorobenzene	50	0	47.0	ug/L	94		5		85	114	20
Ethyl Benzene	50	0	49.9	ug/L	100		6		81	128	20
m/p-Xylenes	100	0	100	ug/L	100		1		69	129	20
o-Xylene	50	0	52.4	ug/L	105		6		75	127	20
Styrene	50	0	49.0	ug/L	98		5		84	128	20
Bromoform	50	0	52.5	ug/L	105		4		73	147	20
Isopropylbenzene	50	0	48.9	ug/L	98		7		76	121	20
1,1,2,2-Tetrachloroethane	50	0	47.9	ug/L	96		6		81	131	20

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Parameter	Spike	Sample Result	Result	Units	Rec			RPD		Limits	
					Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	46.1	ug/L	92		6		84	110	20
1,4-Dichlorobenzene	50	0	45.0	ug/L	90		7		81	111	20
1,2-Dichlorobenzene	50	0	47.0	ug/L	94		6		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	46.2	ug/L	92		5		79	137	20
1,2,4-Trichlorobenzene	50	0	48.1	ug/L	96		11		73	120	20
1,2,3-Trichlorobenzene	50	0	46.9	ug/L	94		9		75	119	20