

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5317

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec			RPD		Limits	
					Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	P5317-19MS	Client Sample ID :	RE132D5-20241217MS					Datafile :	VX044417.D		
Dichlorodifluoromethane	50	1.20	54.6	ug/L	107				32	152	
Chloromethane	50	0.70	56.4	ug/L	111				50	139	
Vinyl chloride	50	0	54.0	ug/L	108				58	137	
Bromomethane	50	0	50.1	ug/L	100				53	141	
Chloroethane	50	0	55.8	ug/L	112				60	138	
Trichlorofluoromethane	50	0	44.0	ug/L	88				65	141	
1,1,2-Trichlorotrifluoroethane	50	9.40	58.1	ug/L	97				70	136	
1,1-Dichloroethene	50	2.60	56.9	ug/L	109				71	131	
Acetone	250	1.40	230	ug/L	91				39	160	
Carbon disulfide	50	0	52.7	ug/L	105				64	133	
Methyl tert-butyl Ether	50	0	49.7	ug/L	99				71	124	
Methyl Acetate	50	0	42.6	ug/L	85				56	136	
Methylene Chloride	50	0	53.3	ug/L	107				74	124	
trans-1,2-Dichloroethene	50	0	53.6	ug/L	107				75	124	
1,1-Dichloroethane	50	0	53.4	ug/L	107				77	125	
Cyclohexane	50	0	51.2	ug/L	102				71	130	
2-Butanone	250	0	250	ug/L	100				56	143	
Carbon Tetrachloride	50	0	51.8	ug/L	104				72	136	
cis-1,2-Dichloroethene	50	1.60	52.6	ug/L	102				78	123	
Bromochloromethane	50	0	50.6	ug/L	101				78	123	
Chloroform	50	1.20	51.3	ug/L	100				79	124	
1,1,1-Trichloroethane	50	0	51.2	ug/L	102				74	131	
Methylcyclohexane	50	0	52.6	ug/L	105				72	132	
Benzene	50	0	55.3	ug/L	111				79	120	
1,2-Dichloroethane	50	0	52.0	ug/L	104				73	128	
Trichloroethene	50	150	190	ug/L	80				79	123	
1,2-Dichloropropane	50	0	52.2	ug/L	104				78	122	
Bromodichloromethane	50	0	54.3	ug/L	109				79	125	
4-Methyl-2-Pentanone	250	0	260	ug/L	104				67	130	
Toluene	50	0	53.4	ug/L	107				80	121	
t-1,3-Dichloropropene	50	0	45.6	ug/L	91				73	127	
cis-1,3-Dichloropropene	50	0	50.1	ug/L	100				75	124	
1,1,2-Trichloroethane	50	0.45	55.0	ug/L	109				80	119	
2-Hexanone	250	0	270	ug/L	108				57	139	
Dibromochloromethane	50	0	50.2	ug/L	100				74	126	
1,2-Dibromoethane	50	0	54.6	ug/L	109				77	121	
Tetrachloroethene	50	0	51.0	ug/L	102				74	129	
Chlorobenzene	50	0	52.1	ug/L	104				82	118	
Ethyl Benzene	50	0	51.7	ug/L	103				79	121	
m/p-Xylenes	100	0	110	ug/L	110				80	121	
o-Xylene	50	0	53.1	ug/L	106				78	122	
Styrene	50	0	54.6	ug/L	109				78	123	
Bromoform	50	0	50.4	ug/L	101				66	130	
Isopropylbenzene	50	0	51.8	ug/L	104				72	131	
1,1,2,2-Tetrachloroethane	50	0	50.8	ug/L	102				71	121	

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		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	52.3	ug/L	105				80	119	
1,4-Dichlorobenzene	50	0	50.9	ug/L	102				79	118	
1,2-Dichlorobenzene	50	0	50.9	ug/L	102				80	119	
1,2-Dibromo-3-Chloropropane	50	0	47.3	ug/L	95				62	128	
1,2,4-Trichlorobenzene	50	0	52.1	ug/L	104				69	130	
1,2,3-Trichlorobenzene	50	0	50.4	ug/L	101				69	129	