

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5376

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

										Limits	
		Sample				Rec		RPD			
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	P5376-08MS	Client Sample ID :	RW10-MW01S-20241218MS					Datafile :	VX044564.D		
Dichlorodifluoromethane	50	0	46.4	ug/L	93				32	152	
Chloromethane	50	0	46.4	ug/L	93				50	139	
Vinyl chloride	50	0	45.2	ug/L	90				58	137	
Bromomethane	50	0	42.2	ug/L	84				53	141	
Chloroethane	50	0	41.3	ug/L	83				60	138	
Trichlorofluoromethane	50	0	42.3	ug/L	85				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	47.8	ug/L	96				70	136	
1,1-Dichloroethene	50	0	51.2	ug/L	102				71	131	
Acetone	250	0	220	ug/L	88				39	160	
Carbon disulfide	50	0	43.3	ug/L	87				64	133	
Methyl tert-butyl Ether	50	1.10	46.7	ug/L	91				71	124	
Methyl Acetate	50	0	45.7	ug/L	91				56	136	
Methylene Chloride	50	0	49.7	ug/L	99				74	124	
trans-1,2-Dichloroethene	50	0	49.3	ug/L	99				75	124	
1,1-Dichloroethane	50	0	49.2	ug/L	98				77	125	
Cyclohexane	50	0	45.4	ug/L	91				71	130	
2-Butanone	250	0	240	ug/L	96				56	143	
Carbon Tetrachloride	50	0	51.6	ug/L	103				72	136	
cis-1,2-Dichloroethene	50	0.65	48.0	ug/L	95				78	123	
Bromochloromethane	50	0	42.6	ug/L	85				78	123	
Chloroform	50	0	46.7	ug/L	93				79	124	
1,1,1-Trichloroethane	50	0	47.4	ug/L	95				74	131	
Methylcyclohexane	50	0	49.9	ug/L	100				72	132	
Benzene	50	0	52.7	ug/L	105				79	120	
1,2-Dichloroethane	50	0	50.2	ug/L	100				73	128	
Trichloroethene	50	0.76	53.6	ug/L	106				79	123	
1,2-Dichloropropane	50	0	50.4	ug/L	101				78	122	
Bromodichloromethane	50	0	53.9	ug/L	108				79	125	
4-Methyl-2-Pentanone	250	0	260	ug/L	104				67	130	
Toluene	50	0	52.3	ug/L	105				80	121	
t-1,3-Dichloropropene	50	0	47.2	ug/L	94				73	127	
cis-1,3-Dichloropropene	50	0	50.4	ug/L	101				75	124	
1,1,2-Trichloroethane	50	0	54.4	ug/L	109				80	119	
2-Hexanone	250	0	270	ug/L	108				57	139	
Dibromochloromethane	50	0	51.8	ug/L	104				74	126	
1,2-Dibromoethane	50	0	54.5	ug/L	109				77	121	
Tetrachloroethene	50	4.90	51.8	ug/L	94				74	129	
Chlorobenzene	50	0	51.1	ug/L	102				82	118	
Ethyl Benzene	50	0	49.6	ug/L	99				79	121	
m/p-Xylenes	100	0	100	ug/L	100				80	121	
o-Xylene	50	0	50.3	ug/L	101				78	122	
Styrene	50	0	53.3	ug/L	107				78	123	
Bromoform	50	0	51.2	ug/L	102				66	130	
Isopropylbenzene	50	0	49.2	ug/L	98				72	131	
1,1,2,2-Tetrachloroethane	50	0	49.7	ug/L	99				71	121	

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Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	51.2	ug/L	102					80	119
1,4-Dichlorobenzene	50	0	50.3	ug/L	101					79	118
1,2-Dichlorobenzene	50	0	51.9	ug/L	104					80	119
1,2-Dibromo-3-Chloropropane	50	0	49.4	ug/L	99					62	128
1,2,4-Trichlorobenzene	50	0	53.7	ug/L	107					69	130
1,2,3-Trichlorobenzene	50	0	52.7	ug/L	105					69	129