

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2329

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q2329-11MS	Client Sample ID :	TT172S1-20250613MS				Datafile :	VN087118.D			
Dichlorodifluoromethane	50	0	55.7	ug/L	111				32	152	
Chloromethane	50	0	48.6	ug/L	97				50	139	
Vinyl chloride	50	0	59.7	ug/L	119				58	137	
Bromomethane	50	0	51.1	ug/L	102				53	141	
Chloroethane	50	0	59.4	ug/L	119				60	138	
Trichlorofluoromethane	50	0	59.1	ug/L	118				65	141	
1,1,2-Trichlorotrifluoroethane	50	1.10	57.7	ug/L	113				70	136	
1,1-Dichloroethene	50	0	58.6	ug/L	117				71	131	
Acetone	250	0	250	ug/L	100				39	160	
Carbon disulfide	50	0	60.0	ug/L	120				64	133	
Methyl tert-butyl Ether	50	0	56.2	ug/L	112				71	124	
Methyl Acetate	50	0	44.3	ug/L	89				56	136	
Methylene Chloride	50	0	55.2	ug/L	110				74	124	
trans-1,2-Dichloroethene	50	0	56.9	ug/L	114				75	124	
1,1-Dichloroethane	50	0	57.1	ug/L	114				77	125	
Cyclohexane	50	0	51.1	ug/L	102				71	130	
2-Butanone	250	0	250	ug/L	100				56	143	
Carbon Tetrachloride	50	0	58.2	ug/L	116				72	136	
cis-1,2-Dichloroethene	50	0	57.5	ug/L	115				78	123	
Bromochloromethane	50	0	47.8	ug/L	96				78	123	
Chloroform	50	0.44	56.5	ug/L	112				79	124	
1,1,1-Trichloroethane	50	0	56.4	ug/L	113				74	131	
Methylcyclohexane	50	0	48.7	ug/L	97				72	132	
Benzene	50	0	57.4	ug/L	115				79	120	
1,2-Dichloroethane	50	0	56.0	ug/L	112				73	128	
Trichloroethene	50	36.4	97.3	ug/L	122				79	123	
1,2-Dichloropropane	50	0	56.6	ug/L	113				78	122	
Bromodichloromethane	50	0	57.4	ug/L	115				79	125	
4-Methyl-2-Pentanone	250	0	270	ug/L	108				67	130	
Toluene	50	0	58.6	ug/L	117				80	121	
t-1,3-Dichloropropene	50	0	57.1	ug/L	114				73	127	
cis-1,3-Dichloropropene	50	0	56.3	ug/L	113				75	124	
1,1,2-Trichloroethane	50	0	57.7	ug/L	115				80	119	
2-Hexanone	250	0	280	ug/L	112				57	139	
Dibromochloromethane	50	0	60.3	ug/L	121				74	126	
1,2-Dibromoethane	50	0	58.9	ug/L	118				77	121	
Tetrachloroethene	50	1.60	57.3	ug/L	111				74	129	
Chlorobenzene	50	0	57.1	ug/L	114				82	118	
Ethyl Benzene	50	0	55.6	ug/L	111				79	121	
m/p-Xylenes	100	0	120	ug/L	120				80	121	
o-Xylene	50	0	58.7	ug/L	117				78	122	
Styrene	50	0	58.2	ug/L	116				78	123	
Bromoform	50	0	60.7	ug/L	121				66	130	
Isopropylbenzene	50	0	54.2	ug/L	108				72	131	
1,1,2,2-Tetrachloroethane	50	0	55.5	ug/L	111				71	121	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2329

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	56.2	ug/L	112					80	119
1,4-Dichlorobenzene	50	0	55.6	ug/L	111					79	118
1,2-Dichlorobenzene	50	0	56.2	ug/L	112					80	119
1,2-Dibromo-3-Chloropropane	50	0	52.0	ug/L	104					62	128
1,2,4-Trichlorobenzene	50	0	48.3	ug/L	97					69	130
1,2,3-Trichlorobenzene	50	0	47.1	ug/L	94					69	129