

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1531

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec		RPD	RPD		Limits	
					Rec	Qual		Qual	Low	High	RPD
Lab Sample ID :	Q1531-08MS	Client Sample ID :	RE103D1-20250306MS						Datafile :	VX045207.D	
Dichlorodifluoromethane	50	0	49.6	ug/L	99				32	152	
Chloromethane	50	0	47.7	ug/L	95				50	139	
Vinyl chloride	50	0	46.0	ug/L	92				58	137	
Bromomethane	50	0	47.9	ug/L	96				53	141	
Chloroethane	50	0	49.5	ug/L	99				60	138	
Trichlorofluoromethane	50	0	50.6	ug/L	101				65	141	
1,1,2-Trichlorotrifluoroethane	50	11.1	61.2	ug/L	100				70	136	
1,1-Dichloroethene	50	1.70	50.7	ug/L	98				71	131	
Acetone	250	1.80	240	ug/L	95				39	160	
Carbon disulfide	50	0	44.4	ug/L	89				64	133	
Methyl tert-butyl Ether	50	0	49.4	ug/L	99				71	124	
Methyl Acetate	50	0	50.1	ug/L	100				56	136	
Methylene Chloride	50	0	48.8	ug/L	98				74	124	
trans-1,2-Dichloroethene	50	0	49.6	ug/L	99				75	124	
1,1-Dichloroethane	50	0	50.2	ug/L	100				77	125	
Cyclohexane	50	0	50.7	ug/L	101				71	130	
2-Butanone	250	0	250	ug/L	100				56	143	
Carbon Tetrachloride	50	0	49.7	ug/L	99				72	136	
cis-1,2-Dichloroethene	50	1.70	51.3	ug/L	99				78	123	
Bromochloromethane	50	0	49.9	ug/L	100				78	123	
Chloroform	50	0	50.6	ug/L	101				79	124	
1,1,1-Trichloroethane	50	0	51.1	ug/L	102				74	131	
Methylcyclohexane	50	0	52.2	ug/L	104				72	132	
Benzene	50	0	49.9	ug/L	100				79	120	
1,2-Dichloroethane	50	0	50.2	ug/L	100				73	128	
Trichloroethene	50	600	560	ug/L	-80	*			79	123	
1,2-Dichloropropane	50	0	49.0	ug/L	98				78	122	
Bromodichloromethane	50	0	50.4	ug/L	101				79	125	
4-Methyl-2-Pentanone	250	0	260	ug/L	104				67	130	
Toluene	50	0	50.9	ug/L	102				80	121	
t-1,3-Dichloropropene	50	0	52.3	ug/L	105				73	127	
cis-1,3-Dichloropropene	50	0	50.9	ug/L	102				75	124	
1,1,2-Trichloroethane	50	0	50.9	ug/L	102				80	119	
2-Hexanone	250	0	260	ug/L	104				57	139	
Dibromochloromethane	50	0	51.6	ug/L	103				74	126	
1,2-Dibromoethane	50	0	50.4	ug/L	101				77	121	
Tetrachloroethene	50	8.00	56.5	ug/L	97				74	129	
Chlorobenzene	50	0	50.4	ug/L	101				82	118	
Ethyl Benzene	50	0	51.3	ug/L	103				79	121	
m/p-Xylenes	100	0	100	ug/L	100				80	121	
o-Xylene	50	0	50.7	ug/L	101				78	122	
Styrene	50	0	52.6	ug/L	105				78	123	
Bromoform	50	0	50.5	ug/L	101				66	130	
Isopropylbenzene	50	0	51.9	ug/L	104				72	131	
1,1,2,2-Tetrachloroethane	50	0	48.1	ug/L	96				71	121	

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		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	50.1	ug/L	100				80	119	
1,4-Dichlorobenzene	50	0	49.4	ug/L	99				79	118	
1,2-Dichlorobenzene	50	0	49.9	ug/L	100				80	119	
1,2-Dibromo-3-Chloropropane	50	0	50.0	ug/L	100				62	128	
1,2,4-Trichlorobenzene	50	0	51.1	ug/L	102				69	130	
1,2,3-Trichlorobenzene	50	0	50.4	ug/L	101				69	129	