

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5261

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 :	P5261-13MS	Client Sample ID :	RE125D1-20241210MS						Datafile :	VX044461.D	
Dichlorodifluoromethane	50	0	45.7	ug/L	91				32	152	
Chloromethane	50	0	50.3	ug/L	101				50	139	
Vinyl chloride	50	0	49.6	ug/L	99				58	137	
Bromomethane	50	0	44.9	ug/L	90				53	141	
Chloroethane	50	0	56.1	ug/L	112				60	138	
Trichlorofluoromethane	50	0	41.7	ug/L	83				65	141	
1,1,2-Trichlorotrifluoroethane	50	2.70	46.8	ug/L	88				70	136	
1,1-Dichloroethene	50	0.77	52.4	ug/L	103				71	131	
Acetone	250	0	220	ug/L	88				39	160	
Carbon disulfide	50	0	51.7	ug/L	103				64	133	
Methyl tert-butyl Ether	50	0.81	48.8	ug/L	96				71	124	
Methyl Acetate	50	0	32.6	ug/L	65				56	136	
Methylene Chloride	50	0	50.3	ug/L	101				74	124	
trans-1,2-Dichloroethene	50	0	50.6	ug/L	101				75	124	
1,1-Dichloroethane	50	0.55	50.4	ug/L	100				77	125	
Cyclohexane	50	0	46.0	ug/L	92				71	130	
2-Butanone	250	0	230	ug/L	92				56	143	
Carbon Tetrachloride	50	0	49.2	ug/L	98				72	136	
cis-1,2-Dichloroethene	50	2.40	51.8	ug/L	99				78	123	
Bromochloromethane	50	0	46.2	ug/L	92				78	123	
Chloroform	50	0.78	48.4	ug/L	95				79	124	
1,1,1-Trichloroethane	50	0	49.4	ug/L	99				74	131	
Methylcyclohexane	50	0	44.5	ug/L	89				72	132	
Benzene	50	0	50.5	ug/L	101				79	120	
1,2-Dichloroethane	50	0	47.0	ug/L	94				73	128	
Trichloroethene	50	200	210	ug/L	20	*			79	123	
1,2-Dichloropropane	50	0	48.2	ug/L	96				78	122	
Bromodichloromethane	50	0	51.2	ug/L	102				79	125	
4-Methyl-2-Pentanone	250	0	230	ug/L	92				67	130	
Toluene	50	0	49.7	ug/L	99				80	121	
t-1,3-Dichloropropene	50	0	40.1	ug/L	80				73	127	
cis-1,3-Dichloropropene	50	0	42.2	ug/L	84				75	124	
1,1,2-Trichloroethane	50	0	50.4	ug/L	101				80	119	
2-Hexanone	250	0	240	ug/L	96				57	139	
Dibromochloromethane	50	0	48.9	ug/L	98				74	126	
1,2-Dibromoethane	50	0	52.1	ug/L	104				77	121	
Tetrachloroethene	50	11.2	57.8	ug/L	93				74	129	
Chlorobenzene	50	0	48.8	ug/L	98				82	118	
Ethyl Benzene	50	0	48.1	ug/L	96				79	121	
m/p-Xylenes	100	0	98.9	ug/L	99				80	121	
o-Xylene	50	0	49.5	ug/L	99				78	122	
Styrene	50	0	50.6	ug/L	101				78	123	
Bromoform	50	0	50.3	ug/L	101				66	130	
Isopropylbenzene	50	0	49.0	ug/L	98				72	131	
1,1,2,2-Tetrachloroethane	50	0	47.8	ug/L	96				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	50.4	ug/L	101					80	119
1,4-Dichlorobenzene	50	0	48.4	ug/L	97					79	118
1,2-Dichlorobenzene	50	0	49.5	ug/L	99					80	119
1,2-Dibromo-3-Chloropropane	50	0	45.7	ug/L	91					62	128
1,2,4-Trichlorobenzene	50	0	49.7	ug/L	99					69	130
1,2,3-Trichlorobenzene	50	0	50.5	ug/L	101					69	129