

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3127

Analytical Method:

SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile :

VX047765.D

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3127-14MS	Client Sample ID :	TT119S1-20250916MS								
Dichlorodifluoromethane	50	0	61.0	ug/L	122				32	152	
Chloromethane	50	0	60.0	ug/L	120				50	139	
Vinyl chloride	50	0	59.6	ug/L	119				58	137	
Bromomethane	50	0	57.8	ug/L	116				53	141	
Chloroethane	50	0	57.4	ug/L	115				60	138	
Trichlorofluoromethane	50	0	54.9	ug/L	110				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	54.3	ug/L	109				70	136	
1,1-Dichloroethene	50	0	55.6	ug/L	111				71	131	
Acetone	250	0	250	ug/L	100				39	160	
Carbon disulfide	50	0	56.8	ug/L	114				64	133	
Methyl tert-butyl Ether	50	0	57.1	ug/L	114				71	124	
Methyl Acetate	50	0	50.6	ug/L	101				56	136	
Methylene Chloride	50	0	57.1	ug/L	114				74	124	
trans-1,2-Dichloroethene	50	0	57.4	ug/L	115				75	124	
1,1-Dichloroethane	50	0	57.0	ug/L	114				77	125	
Cyclohexane	50	0	52.1	ug/L	104				71	130	
2-Butanone	250	0	300	ug/L	120				56	143	
Carbon Tetrachloride	50	0	50.7	ug/L	101				72	136	
cis-1,2-Dichloroethene	50	0	57.5	ug/L	115				78	123	
Bromochloromethane	50	0	57.0	ug/L	114				78	123	
Chloroform	50	0	57.5	ug/L	115				79	124	
1,1,1-Trichloroethane	50	0	54.4	ug/L	109				74	131	
Methylcyclohexane	50	0	48.0	ug/L	96				72	132	
Benzene	50	0	55.2	ug/L	110				79	120	
1,2-Dichloroethane	50	0	53.7	ug/L	107				73	128	
Trichloroethene	50	1.40	56.2	ug/L	110				79	123	
1,2-Dichloropropane	50	0	55.5	ug/L	111				78	122	
Bromodichloromethane	50	0	55.3	ug/L	111				79	125	
4-Methyl-2-Pentanone	250	0	310	ug/L	124				67	130	
Toluene	50	0	54.7	ug/L	109				80	121	
t-1,3-Dichloropropene	50	0	48.7	ug/L	97				73	127	
cis-1,3-Dichloropropene	50	0	48.3	ug/L	97				75	124	
1,1,2-Trichloroethane	50	0	57.1	ug/L	114				80	119	
2-Hexanone	250	0	300	ug/L	120				57	139	
Dibromochloromethane	50	0	57.1	ug/L	114				74	126	
1,2-Dibromoethane	50	0	58.4	ug/L	117				77	121	
Tetrachloroethene	50	0.39	50.7	ug/L	101				74	129	
Chlorobenzene	50	0	53.0	ug/L	106				82	118	
Ethyl Benzene	50	0	52.0	ug/L	104				79	121	
m/p-Xylenes	100	0	100	ug/L	100				80	121	
o-Xylene	50	0	53.4	ug/L	107				78	122	
Styrene	50	0	53.4	ug/L	107				78	123	
Bromoform	50	0	56.1	ug/L	112				66	130	
Isopropylbenzene	50	0	48.9	ug/L	98				72	131	
1,1,2,2-Tetrachloroethane	50	0	54.6	ug/L	109				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	50.1	ug/L	100					80	119
1,4-Dichlorobenzene	50	0	48.8	ug/L	98					79	118
1,2-Dichlorobenzene	50	0	51.1	ug/L	102					80	119
1,2-Dibromo-3-Chloropropane	50	0	53.7	ug/L	107					62	128
1,2,4-Trichlorobenzene	50	0	48.8	ug/L	98					69	130
1,2,3-Trichlorobenzene	50	0	50.5	ug/L	101					69	129