

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3097

Analytical Method:

SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile :

VX047715.D

					Rec		RPD		Limits		
Parameter	Spike	Sample Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3097-02MS	Client Sample ID :	RE103D2-20250911MS								
Dichlorodifluoromethane	50	0	64.1	ug/L	128				32	152	
Chloromethane	50	0	59.5	ug/L	119				50	139	
Vinyl chloride	50	0	60.1	ug/L	120				58	137	
Bromomethane	50	0	59.4	ug/L	119				53	141	
Chloroethane	50	0	56.2	ug/L	112				60	138	
Trichlorofluoromethane	50	0	55.9	ug/L	112				65	141	
1,1,2-Trichlorotrifluoroethane	50	3.00	59.7	ug/L	113				70	136	
1,1-Dichloroethene	50	0	56.5	ug/L	113				71	131	
Acetone	250	3.60	240	ug/L	95				39	160	
Carbon disulfide	50	0	57.7	ug/L	115				64	133	
Methyl tert-butyl Ether	50	0	56.0	ug/L	112				71	124	
Methyl Acetate	50	0	56.2	ug/L	112				56	136	
Methylene Chloride	50	0	55.3	ug/L	111				74	124	
trans-1,2-Dichloroethene	50	0	56.7	ug/L	113				75	124	
1,1-Dichloroethane	50	0	55.8	ug/L	112				77	125	
Cyclohexane	50	0	52.9	ug/L	106				71	130	
2-Butanone	250	2.90	290	ug/L	115				56	143	
Carbon Tetrachloride	50	0	52.2	ug/L	104				72	136	
cis-1,2-Dichloroethene	50	0	56.3	ug/L	113				78	123	
Bromochloromethane	50	0	62.0	ug/L	124		*		78	123	
Chloroform	50	0.25	55.4	ug/L	110				79	124	
1,1,1-Trichloroethane	50	0	54.4	ug/L	109				74	131	
Methylcyclohexane	50	0	51.2	ug/L	102				72	132	
Benzene	50	0	54.9	ug/L	110				79	120	
1,2-Dichloroethane	50	0	53.8	ug/L	108				73	128	
Trichloroethene	50	250	350	ug/L	200		*		79	123	
1,2-Dichloropropane	50	0	54.0	ug/L	108				78	122	
Bromodichloromethane	50	0	53.5	ug/L	107				79	125	
4-Methyl-2-Pentanone	250	0	290	ug/L	116				67	130	
Toluene	50	0	53.6	ug/L	107				80	121	
t-1,3-Dichloropropene	50	0	53.1	ug/L	106				73	127	
cis-1,3-Dichloropropene	50	0	52.4	ug/L	105				75	124	
1,1,2-Trichloroethane	50	0	54.6	ug/L	109				80	119	
2-Hexanone	250	0	280	ug/L	112				57	139	
Dibromochloromethane	50	0	55.7	ug/L	111				74	126	
1,2-Dibromoethane	50	0	56.8	ug/L	114				77	121	
Tetrachloroethene	50	0.87	52.5	ug/L	103				74	129	
Chlorobenzene	50	0	53.9	ug/L	108				82	118	
Ethyl Benzene	50	0	52.7	ug/L	105				79	121	
m/p-Xylenes	100	0	110	ug/L	110				80	121	
o-Xylene	50	0	53.8	ug/L	108				78	122	
Styrene	50	0	53.7	ug/L	107				78	123	
Bromoform	50	0	54.8	ug/L	110				66	130	
Isopropylbenzene	50	0	52.2	ug/L	104				72	131	
1,1,2,2-Tetrachloroethane	50	0	55.4	ug/L	111				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	51.8	ug/L	104					80	119	
1,4-Dichlorobenzene	50	0	51.0	ug/L	102					79	118	
1,2-Dichlorobenzene	50	0	53.1	ug/L	106					80	119	
1,2-Dibromo-3-Chloropropane	50	0	53.7	ug/L	107					62	128	
1,2,4-Trichlorobenzene	50	0	51.0	ug/L	102					69	130	
1,2,3-Trichlorobenzene	50	0	50.6	ug/L	101					69	129	