

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3095

Analytical Method:

SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile :

VX047627.D

		Sample			Rec	RPD		Limits			
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3095-06MS	Client Sample ID :	MW203D2-20250909MS								
Dichlorodifluoromethane	50	0	44.7	ug/L	89				32	152	
Chloromethane	50	0	48.5	ug/L	97				50	139	
Vinyl chloride	50	0	49.5	ug/L	99				58	137	
Bromomethane	50	0	51.0	ug/L	102				53	141	
Chloroethane	50	0	50.4	ug/L	101				60	138	
Trichlorofluoromethane	50	0	47.9	ug/L	96				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	48.2	ug/L	96				70	136	
1,1-Dichloroethene	50	1.20	51.2	ug/L	100				71	131	
Acetone	250	0	240	ug/L	96				39	160	
Carbon disulfide	50	0	46.5	ug/L	93				64	133	
Methyl tert-butyl Ether	50	0	55.4	ug/L	111				71	124	
Methyl Acetate	50	0	63.6	ug/L	127				56	136	
Methylene Chloride	50	0	52.6	ug/L	105				74	124	
trans-1,2-Dichloroethene	50	0	51.7	ug/L	103				75	124	
1,1-Dichloroethane	50	5.80	59.3	ug/L	107				77	125	
Cyclohexane	50	0	46.8	ug/L	94				71	130	
2-Butanone	250	0	290	ug/L	116				56	143	
Carbon Tetrachloride	50	0	46.9	ug/L	94				72	136	
cis-1,2-Dichloroethene	50	2.00	55.6	ug/L	107				78	123	
Bromochloromethane	50	0	55.1	ug/L	110				78	123	
Chloroform	50	0.46	54.4	ug/L	108				79	124	
1,1,1-Trichloroethane	50	0	52.0	ug/L	104				74	131	
Methylcyclohexane	50	0	44.6	ug/L	89				72	132	
Benzene	50	0	50.3	ug/L	101				79	120	
1,2-Dichloroethane	50	0	51.4	ug/L	103				73	128	
Trichloroethene	50	1.90	51.9	ug/L	100				79	123	
1,2-Dichloropropane	50	0	51.9	ug/L	104				78	122	
Bromodichloromethane	50	0	51.7	ug/L	103				79	125	
4-Methyl-2-Pentanone	250	0	300	ug/L	120				67	130	
Toluene	50	0	50.4	ug/L	101				80	121	
t-1,3-Dichloropropene	50	0	50.4	ug/L	101				73	127	
cis-1,3-Dichloropropene	50	0	50.1	ug/L	100				75	124	
1,1,2-Trichloroethane	50	0	53.2	ug/L	106				80	119	
2-Hexanone	250	0	290	ug/L	116				57	139	
Dibromochloromethane	50	0	53.2	ug/L	106				74	126	
1,2-Dibromoethane	50	0	54.5	ug/L	109				77	121	
Tetrachloroethene	50	0.78	47.5	ug/L	93				74	129	
Chlorobenzene	50	0	50.8	ug/L	102				82	118	
Ethyl Benzene	50	0	50.4	ug/L	101				79	121	
m/p-Xylenes	100	0	100	ug/L	100				80	121	
o-Xylene	50	0	51.7	ug/L	103				78	122	
Styrene	50	0	51.7	ug/L	103				78	123	
Bromoform	50	0	54.4	ug/L	109				66	130	
Isopropylbenzene	50	0	50.1	ug/L	100				72	131	
1,1,2,2-Tetrachloroethane	50	0	56.3	ug/L	113				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	50.7	ug/L	101					80	119	
1,4-Dichlorobenzene	50	0	49.6	ug/L	99					79	118	
1,2-Dichlorobenzene	50	0	51.2	ug/L	102					80	119	
1,2-Dibromo-3-Chloropropane	50	0	56.7	ug/L	113					62	128	
1,2,4-Trichlorobenzene	50	0	50.1	ug/L	100					69	130	
1,2,3-Trichlorobenzene	50	0	50.8	ug/L	102					69	129	