

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3194

Analytical Method:

SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile :

VX047977.D

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3194-03MS	Client Sample ID :	RW11-MW01S-20250922MS								
Dichlorodifluoromethane	50	0	48.3	ug/L	97				32	152	
Chloromethane	50	0	47.4	ug/L	95				50	139	
Vinyl chloride	50	0	49.1	ug/L	98				58	137	
Bromomethane	50	0	50.2	ug/L	100				53	141	
Chloroethane	50	0	49.0	ug/L	98				60	138	
Trichlorofluoromethane	50	0	50.0	ug/L	100				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	47.7	ug/L	95				70	136	
1,1-Dichloroethene	50	0	48.7	ug/L	97				71	131	
Acetone	250	0	200	ug/L	80				39	160	
Carbon disulfide	50	0	45.3	ug/L	91				64	133	
Methyl tert-butyl Ether	50	0	50.9	ug/L	102				71	124	
Methyl Acetate	50	0	41.9	ug/L	84				56	136	
Methylene Chloride	50	0	50.6	ug/L	101				74	124	
trans-1,2-Dichloroethene	50	0	49.9	ug/L	100				75	124	
1,1-Dichloroethane	50	0	52.5	ug/L	105				77	125	
Cyclohexane	50	0	43.1	ug/L	86				71	130	
2-Butanone	250	0	240	ug/L	96				56	143	
Carbon Tetrachloride	50	0	45.2	ug/L	90				72	136	
cis-1,2-Dichloroethene	50	0	51.4	ug/L	103				78	123	
Bromochloromethane	50	0	53.7	ug/L	107				78	123	
Chloroform	50	0	53.4	ug/L	107				79	124	
1,1,1-Trichloroethane	50	0	50.9	ug/L	102				74	131	
Methylcyclohexane	50	0	38.5	ug/L	77				72	132	
Benzene	50	0	47.7	ug/L	95				79	120	
1,2-Dichloroethane	50	0	48.8	ug/L	98				73	128	
Trichloroethene	50	0.25	46.1	ug/L	92				79	123	
1,2-Dichloropropane	50	0	49.0	ug/L	98				78	122	
Bromodichloromethane	50	0	50.0	ug/L	100				79	125	
4-Methyl-2-Pentanone	250	0	250	ug/L	100				67	130	
Toluene	50	0.28	47.9	ug/L	95				80	121	
t-1,3-Dichloropropene	50	0	42.2	ug/L	84				73	127	
cis-1,3-Dichloropropene	50	0	41.9	ug/L	84				75	124	
1,1,2-Trichloroethane	50	0	50.5	ug/L	101				80	119	
2-Hexanone	250	0	230	ug/L	92				57	139	
Dibromochloromethane	50	0	51.3	ug/L	103				74	126	
1,2-Dibromoethane	50	0	49.9	ug/L	100				77	121	
Tetrachloroethene	50	0	40.6	ug/L	81				74	129	
Chlorobenzene	50	0	45.5	ug/L	91				82	118	
Ethyl Benzene	50	0	44.3	ug/L	89				79	121	
m/p-Xylenes	100	0	88.3	ug/L	88				80	121	
o-Xylene	50	0	45.3	ug/L	91				78	122	
Styrene	50	0	45.4	ug/L	91				78	123	
Bromoform	50	0	47.1	ug/L	94				66	130	
Isopropylbenzene	50	0	41.6	ug/L	83				72	131	
1,1,2,2-Tetrachloroethane	50	0	45.0	ug/L	90				71	121	

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		Result			Rec	Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	50	0	41.2	ug/L	82					80	119	
1,4-Dichlorobenzene	50	0	41.4	ug/L	83					79	118	
1,2-Dichlorobenzene	50	0	42.6	ug/L	85					80	119	
1,2-Dibromo-3-Chloropropane	50	0	42.0	ug/L	84					62	128	
1,2,4-Trichlorobenzene	50	0	38.3	ug/L	77					69	130	
1,2,3-Trichlorobenzene	50	0	40.4	ug/L	81					69	129	