

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2924

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VV039005.D

Limits											
		Sample				Rec	RPD				
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q2924-03MS	Client Sample ID :	MW-201-082025MS								
Dichlorodifluoromethane	50	0	38.4	ug/L	77				73	120	
Chloromethane	50	0	32.4	ug/L	65				58	133	
Vinyl chloride	50	0	39.7	ug/L	79				69	125	
Bromomethane	50	0	24.9	ug/L	50				28	165	
Chloroethane	50	0	52.0	ug/L	104				70	141	
Trichlorofluoromethane	50	0	45.7	ug/L	91				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	44.6	ug/L	89				75	117	
1,1-Dichloroethene	50	0	49.2	ug/L	98				53	162	
Acetone	250	0	210	ug/L	84				44	150	
Carbon disulfide	50	0	47.5	ug/L	95				44	135	
Methyl tert-butyl Ether	50	0.92	55.4	ug/L	109				82	133	
Methyl Acetate	50	0	47.7	ug/L	95				76	138	
Methylene Chloride	50	0	43.3	ug/L	87				79	115	
trans-1,2-Dichloroethene	50	210	220	ug/L	20	*			76	118	
1,1-Dichloroethane	50	0	42.5	ug/L	85				78	122	
Cyclohexane	50	0	41.1	ug/L	82				71	119	
2-Butanone	250	0	230	ug/L	92				67	137	
Carbon Tetrachloride	50	0	42.2	ug/L	84				66	133	
cis-1,2-Dichloroethene	50	150	170	ug/L	40	*			82	124	
Bromochloromethane	50	0	45.2	ug/L	90				72	130	
Chloroform	50	0	41.8	ug/L	84				83	119	
1,1,1-Trichloroethane	50	0	42.5	ug/L	85				83	117	
Methylcyclohexane	50	0	45.2	ug/L	90				64	120	
Benzene	50	1700	1600	ug/L	-200	*			81	128	
1,2-Dichloroethane	50	0	180	ug/L	360	*			76	120	
Trichloroethene	50	26.9	74.0	ug/L	94				28	175	
1,2-Dichloropropane	50	0	40.8	ug/L	82	*			85	116	
Bromodichloromethane	50	0	40.6	ug/L	81				54	157	
4-Methyl-2-Pentanone	250	0	220	ug/L	88				72	137	
Toluene	50	3400	3300	ug/L	-200	*			85	115	
t-1,3-Dichloropropene	50	0	41.0	ug/L	82				60	141	
cis-1,3-Dichloropropene	50	0	42.6	ug/L	85				36	161	
1,1,2-Trichloroethane	50	0	37.2	ug/L	74				27	175	
2-Hexanone	250	0	160	ug/L	64	*			75	131	
Dibromochloromethane	50	0	38.7	ug/L	77				59	164	
1,2-Dibromoethane	50	0	39.9	ug/L	80	*			85	119	
Tetrachloroethene	50	0	43.7	ug/L	87				48	153	
Chlorobenzene	50	0	44.2	ug/L	88				85	114	
Ethyl Benzene	50	650	650	ug/L	0	*			81	128	
m/p-Xylenes	100	2400	2300	ug/L	-100	*			69	129	
o-Xylene	50	2500	2200	ug/L	-600	*			75	127	
Styrene	50	1900	1800	ug/L	-200	*			84	128	
Bromoform	50	0	45.4	ug/L	91				73	147	
Isopropylbenzene	50	8.40	43.6	ug/L	70	*			76	121	
1,1,2,2-Tetrachloroethane	50	0	28.9	ug/L	58	*			81	131	

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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	45.0	ug/L	90				84	110	
1,4-Dichlorobenzene	50	0	43.8	ug/L	88				81	111	
1,2-Dichlorobenzene	50	0	46.1	ug/L	92				82	113	
1,2-Dibromo-3-Chloropropane	50	0	46.0	ug/L	92				79	137	
1,2,4-Trichlorobenzene	50	0	51.9	ug/L	104				73	120	
1,2,3-Trichlorobenzene	50	0	51.6	ug/L	103				75	119	