

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5261

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Limits											
Parameter	Spike	Sample	Result	Units	Rec		RPD	RPD		RPD	
		Result			Qual	Qual		Low	High		
Lab Sample ID :	P5261-14MSD	Client Sample ID :	RE125D1-20241210MSD					Datafile :	VX044462.D		
Dichlorodifluoromethane	50	0	47.5	ug/L	95		4		32	152	20
Chloromethane	50	0	50.3	ug/L	101		0		50	139	20
Vinyl chloride	50	0	47.9	ug/L	96		3		58	137	20
Bromomethane	50	0	44.7	ug/L	89		0		53	141	20
Chloroethane	50	0	51.8	ug/L	104		8		60	138	20
Trichlorofluoromethane	50	0	41.9	ug/L	84		0		65	141	20
1,1,2-Trichlorotrifluoroethane	50	2.70	48.4	ug/L	91		3		70	136	20
1,1-Dichloroethene	50	0.77	52.8	ug/L	104		1		71	131	20
Acetone	250	0	220	ug/L	88		0		39	160	20
Carbon disulfide	50	0	52.0	ug/L	104		1		64	133	20
Methyl tert-butyl Ether	50	0.81	47.3	ug/L	93		3		71	124	20
Methyl Acetate	50	0	30.0	ug/L	60		8		56	136	20
Methylene Chloride	50	0	49.6	ug/L	99		1		74	124	20
trans-1,2-Dichloroethene	50	0	51.4	ug/L	103		2		75	124	20
1,1-Dichloroethane	50	0.55	49.7	ug/L	98		2		77	125	20
Cyclohexane	50	0	46.7	ug/L	93		2		71	130	20
2-Butanone	250	0	230	ug/L	92		0		56	143	20
Carbon Tetrachloride	50	0	50.0	ug/L	100		2		72	136	20
cis-1,2-Dichloroethene	50	2.40	51.0	ug/L	97		2		78	123	20
Bromochloromethane	50	0	45.4	ug/L	91		2		78	123	20
Chloroform	50	0.78	47.5	ug/L	93		2		79	124	20
1,1,1-Trichloroethane	50	0	49.7	ug/L	99		1		74	131	20
Methylcyclohexane	50	0	47.5	ug/L	95		7		72	132	20
Benzene	50	0	50.7	ug/L	101		0		79	120	20
1,2-Dichloroethane	50	0	47.6	ug/L	95		1		73	128	20
Trichloroethene	50	200	230	ug/L	60	*	100	*	79	123	20
1,2-Dichloropropane	50	0	49.1	ug/L	98		2		78	122	20
Bromodichloromethane	50	0	51.9	ug/L	104		1		79	125	20
4-Methyl-2-Pentanone	250	0	240	ug/L	96		4		67	130	20
Toluene	50	0	49.6	ug/L	99		0		80	121	20
t-1,3-Dichloropropene	50	0	40.1	ug/L	80		0		73	127	20
cis-1,3-Dichloropropene	50	0	42.7	ug/L	85		1		75	124	20
1,1,2-Trichloroethane	50	0	51.6	ug/L	103		2		80	119	20
2-Hexanone	250	0	240	ug/L	96		0		57	139	20
Dibromochloromethane	50	0	48.6	ug/L	97		1		74	126	20
1,2-Dibromoethane	50	0	52.7	ug/L	105		1		77	121	20
Tetrachloroethene	50	11.2	61.4	ug/L	100		7		74	129	20
Chlorobenzene	50	0	50.7	ug/L	101		4		82	118	20
Ethyl Benzene	50	0	49.4	ug/L	99		3		79	121	20
m/p-Xylenes	100	0	100	ug/L	100		1		80	121	20
o-Xylene	50	0	50.1	ug/L	100		1		78	122	20
Styrene	50	0	52.0	ug/L	104		3		78	123	20
Bromoform	50	0	51.9	ug/L	104		3		66	130	20
Isopropylbenzene	50	0	49.5	ug/L	99		1		72	131	20
1,1,2,2-Tetrachloroethane	50	0	48.4	ug/L	97		1		71	121	20

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Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	50	0	51.7	ug/L	103		3		80	119	20
1,4-Dichlorobenzene	50	0	49.3	ug/L	99		2		79	118	20
1,2-Dichlorobenzene	50	0	50.3	ug/L	101		2		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	47.1	ug/L	94		3		62	128	20
1,2,4-Trichlorobenzene	50	0	51.6	ug/L	103		4		69	130	20
1,2,3-Trichlorobenzene	50	0	50.9	ug/L	102		1		69	129	20