

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3194

Analytical Method:

SW8260-Low

Client: AECOM Technical Services, Inc.

Datafile :

VX047978.D

Parameter	Spike	Sample	Result	Units	Rec		RPD		Limits		
		Result			Qual	RPD	Qual	Low	High	RPD	
Lab Sample ID :	Q3194-04MSD	Client Sample ID :	RW11-MW01S-20250922MSD								
Dichlorodifluoromethane	50	0	50.9	ug/L	102		5		32	152	20
Chloromethane	50	0	50.3	ug/L	101		6		50	139	20
Vinyl chloride	50	0	52.4	ug/L	105		7		58	137	20
Bromomethane	50	0	54.1	ug/L	108		7		53	141	20
Chloroethane	50	0	53.9	ug/L	108		10		60	138	20
Trichlorofluoromethane	50	0	52.0	ug/L	104		4		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	50.6	ug/L	101		6		70	136	20
1,1-Dichloroethene	50	0	52.3	ug/L	105		7		71	131	20
Acetone	250	0	220	ug/L	88		10		39	160	20
Carbon disulfide	50	0	48.8	ug/L	98		7		64	133	20
Methyl tert-butyl Ether	50	0	55.8	ug/L	112		9		71	124	20
Methyl Acetate	50	0	45.9	ug/L	92		9		56	136	20
Methylene Chloride	50	0	54.3	ug/L	109		7		74	124	20
trans-1,2-Dichloroethene	50	0	54.2	ug/L	108		8		75	124	20
1,1-Dichloroethane	50	0	56.8	ug/L	114		8		77	125	20
Cyclohexane	50	0	48.1	ug/L	96		11		71	130	20
2-Butanone	250	0	260	ug/L	104		8		56	143	20
Carbon Tetrachloride	50	0	51.1	ug/L	102		12		72	136	20
cis-1,2-Dichloroethene	50	0	56.2	ug/L	112		9		78	123	20
Bromochloromethane	50	0	57.7	ug/L	115		7		78	123	20
Chloroform	50	0	58.7	ug/L	117		9		79	124	20
1,1,1-Trichloroethane	50	0	55.1	ug/L	110		8		74	131	20
Methylcyclohexane	50	0	44.4	ug/L	89		14		72	132	20
Benzene	50	0	53.8	ug/L	108		12		79	120	20
1,2-Dichloroethane	50	0	54.1	ug/L	108		10		73	128	20
Trichloroethene	50	0.25	53.1	ug/L	106		14		79	123	20
1,2-Dichloropropane	50	0	56.0	ug/L	112		13		78	122	20
Bromodichloromethane	50	0	57.0	ug/L	114		13		79	125	20
4-Methyl-2-Pentanone	250	0	280	ug/L	112		11		67	130	20
Toluene	50	0.28	54.6	ug/L	109		14		80	121	20
t-1,3-Dichloropropene	50	0	48.4	ug/L	97		14		73	127	20
cis-1,3-Dichloropropene	50	0	48.2	ug/L	96		14		75	124	20
1,1,2-Trichloroethane	50	0	57.6	ug/L	115		13		80	119	20
2-Hexanone	250	0	270	ug/L	108		16		57	139	20
Dibromochloromethane	50	0	59.0	ug/L	118		14		74	126	20
1,2-Dibromoethane	50	0	58.5	ug/L	117		16		77	121	20
Tetrachloroethene	50	0	49.0	ug/L	98		19		74	129	20
Chlorobenzene	50	0	53.4	ug/L	107		16		82	118	20
Ethyl Benzene	50	0	51.8	ug/L	104		16		79	121	20
m/p-Xylenes	100	0	100	ug/L	100		12		80	121	20
o-Xylene	50	0	52.9	ug/L	106		15		78	122	20
Styrene	50	0	53.7	ug/L	107		17		78	123	20
Bromoform	50	0	56.3	ug/L	113		18		66	130	20
Isopropylbenzene	50	0	49.6	ug/L	99		18		72	131	20
1,1,2,2-Tetrachloroethane	50	0	53.6	ug/L	107		17		71	121	20

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		Result			Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	50	0	50.0	ug/L	100		19		80	119	20
1,4-Dichlorobenzene	50	0	49.4	ug/L	99		18		79	118	20
1,2-Dichlorobenzene	50	0	51.7	ug/L	103		19		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	48.5	ug/L	97		14		62	128	20
1,2,4-Trichlorobenzene	50	0	47.6	ug/L	95		22	*	69	130	20
1,2,3-Trichlorobenzene	50	0	51.0	ug/L	102		23	*	69	129	20