

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1629

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample	Result	Units	Rec		RPD	RPD		Limits		RPD
		Result			Qual	Qual		Low	High			
Lab Sample ID :	Q1629-16MSD	Client Sample ID :	RW09-MW01S-20250320MSD					Datafile :	VX045463.D			
Dichlorodifluoromethane	50	0	61.4	ug/L	123		0		32	152	20	
Chloromethane	50	0	48.8	ug/L	98		4		50	139	20	
Vinyl chloride	50	0	48.1	ug/L	96		1		58	137	20	
Bromomethane	50	0	55.4	ug/L	111		2		53	141	20	
Chloroethane	50	0	56.6	ug/L	113		5		60	138	20	
Trichlorofluoromethane	50	0	53.1	ug/L	106		1		65	141	20	
1,1,2-Trichlorotrifluoroethane	50	0	58.3	ug/L	117		1		70	136	20	
1,1-Dichloroethene	50	0	52.9	ug/L	106		0		71	131	20	
Acetone	250	0	260	ug/L	104		0		39	160	20	
Carbon disulfide	50	0	50.0	ug/L	100		3		64	133	20	
Methyl tert-butyl Ether	50	0	53.7	ug/L	107		3		71	124	20	
Methyl Acetate	50	0	49.5	ug/L	99		2		56	136	20	
Methylene Chloride	50	0	50.6	ug/L	101		0		74	124	20	
trans-1,2-Dichloroethene	50	0	53.1	ug/L	106		0		75	124	20	
1,1-Dichloroethane	50	0	52.7	ug/L	105		1		77	125	20	
Cyclohexane	50	0	54.9	ug/L	110		2		71	130	20	
2-Butanone	250	0	270	ug/L	108		0		56	143	20	
Carbon Tetrachloride	50	0	58.7	ug/L	117		7		72	136	20	
cis-1,2-Dichloroethene	50	0	52.9	ug/L	106		3		78	123	20	
Bromochloromethane	50	0	48.4	ug/L	97		3		78	123	20	
Chloroform	50	0	55.1	ug/L	110		2		79	124	20	
1,1,1-Trichloroethane	50	0	57.6	ug/L	115		3		74	131	20	
Methylcyclohexane	50	0	60.0	ug/L	120		4		72	132	20	
Benzene	50	0	53.4	ug/L	107		4		79	120	20	
1,2-Dichloroethane	50	0	60.7	ug/L	121		5		73	128	20	
Trichloroethene	50	0	54.0	ug/L	108		8		79	123	20	
1,2-Dichloropropane	50	0	54.1	ug/L	108		7		78	122	20	
Bromodichloromethane	50	0	57.6	ug/L	115		7		79	125	20	
4-Methyl-2-Pentanone	250	0	290	ug/L	116		4		67	130	20	
Toluene	50	0	55.7	ug/L	111		5		80	121	20	
t-1,3-Dichloropropene	50	0	61.9	ug/L	124		7		73	127	20	
cis-1,3-Dichloropropene	50	0	59.3	ug/L	119		6		75	124	20	
1,1,2-Trichloroethane	50	0	54.5	ug/L	109		5		80	119	20	
2-Hexanone	250	0	300	ug/L	120		7		57	139	20	
Dibromochloromethane	50	0	58.5	ug/L	117		7		74	126	20	
1,2-Dibromoethane	50	0	56.7	ug/L	113		6		77	121	20	
Tetrachloroethene	50	0	53.5	ug/L	107		1		74	129	20	
Chlorobenzene	50	0	54.3	ug/L	109		3		82	118	20	
Ethyl Benzene	50	0	56.4	ug/L	113		3		79	121	20	
m/p-Xylenes	100	0	110	ug/L	110		0		80	121	20	
o-Xylene	50	0	54.6	ug/L	109		1		78	122	20	
Styrene	50	0	57.2	ug/L	114		2		78	123	20	
Bromoform	50	0	56.6	ug/L	113		4		66	130	20	
Isopropylbenzene	50	0	56.7	ug/L	113		3		72	131	20	
1,1,2,2-Tetrachloroethane	50	0	53.3	ug/L	107		5		71	121	20	

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Parameter	Spike	Sample Result	Result	Units	Rec			RPD		Limits		
					Rec	Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	50	0	53.6	ug/L	107		3		80	119	20	
1,4-Dichlorobenzene	50	0	53.5	ug/L	107		4		79	118	20	
1,2-Dichlorobenzene	50	0	53.2	ug/L	106		2		80	119	20	
1,2-Dibromo-3-Chloropropane	50	0	60.7	ug/L	121		3		62	128	20	
1,2,4-Trichlorobenzene	50	0	53.9	ug/L	108		4		69	130	20	
1,2,3-Trichlorobenzene	50	0	52.6	ug/L	105		3		69	129	20	