

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1629

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Limits											
Parameter	Spike	Sample Result	Result	Units	Rec		RPD		Limits		RPD
					Rec	Qual	RPD	Qual	Low	High	
Lab Sample ID :	Q1629-05MSD	Client Sample ID :	TT188S1-20250320MSD					Datafile :	VX045468.D		
Dichlorodifluoromethane	50	0	65.0	ug/L	130		33	*	32	152	20
Chloromethane	50	0	55.3	ug/L	111		30	*	50	139	20
Vinyl chloride	50	0	52.1	ug/L	104		25	*	58	137	20
Bromomethane	50	0	59.9	ug/L	120		26	*	53	141	20
Chloroethane	50	0	54.7	ug/L	109		23	*	60	138	20
Trichlorofluoromethane	50	0	57.1	ug/L	114		20		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	63.4	ug/L	127		15		70	136	20
1,1-Dichloroethene	50	0	57.1	ug/L	114		18		71	131	20
Acetone	250	2.20	300	ug/L	119		7		39	160	20
Carbon disulfide	50	0	52.6	ug/L	105		42	*	64	133	20
Methyl tert-butyl Ether	50	0	58.3	ug/L	117		7		71	124	20
Methyl Acetate	50	0	51.2	ug/L	102		33	*	56	136	20
Methylene Chloride	50	0	55.0	ug/L	110		11		74	124	20
trans-1,2-Dichloroethene	50	0	57.5	ug/L	115		18		75	124	20
1,1-Dichloroethane	50	0	57.7	ug/L	115		9		77	125	20
Cyclohexane	50	0	58.0	ug/L	116		23	*	71	130	20
2-Butanone	250	0	310	ug/L	124		7		56	143	20
Carbon Tetrachloride	50	0	61.2	ug/L	122		14		72	136	20
cis-1,2-Dichloroethene	50	0	56.9	ug/L	114		12		78	123	20
Bromochloromethane	50	0	49.6	ug/L	99		8		78	123	20
Chloroform	50	0	59.6	ug/L	119		8		79	124	20
1,1,1-Trichloroethane	50	0	62.0	ug/L	124		11		74	131	20
Methylcyclohexane	50	0	61.0	ug/L	122		22	*	72	132	20
Benzene	50	0	56.5	ug/L	113		13		79	120	20
1,2-Dichloroethane	50	0	64.8	ug/L	130	*	10		73	128	20
Trichloroethene	50	5.30	60.4	ug/L	110		14		79	123	20
1,2-Dichloropropane	50	0	56.8	ug/L	114		10		78	122	20
Bromodichloromethane	50	0	61.0	ug/L	122		8		79	125	20
4-Methyl-2-Pentanone	250	0	320	ug/L	128		10		67	130	20
Toluene	50	0	59.1	ug/L	118		14		80	121	20
t-1,3-Dichloropropene	50	0	64.7	ug/L	129	*	14		73	127	20
cis-1,3-Dichloropropene	50	0	63.1	ug/L	126	*	13		75	124	20
1,1,2-Trichloroethane	50	0	57.8	ug/L	116		8		80	119	20
2-Hexanone	250	0	330	ug/L	132		10		57	139	20
Dibromochloromethane	50	0	61.7	ug/L	123		9		74	126	20
1,2-Dibromoethane	50	0	59.5	ug/L	119		11		77	121	20
Tetrachloroethene	50	0	56.7	ug/L	113		14		74	129	20
Chlorobenzene	50	0	58.3	ug/L	117		12		82	118	20
Ethyl Benzene	50	0	59.8	ug/L	120		12		79	121	20
m/p-Xylenes	100	0	120	ug/L	120		18		80	121	20
o-Xylene	50	0	58.7	ug/L	117		13		78	122	20
Styrene	50	0	60.9	ug/L	122		12		78	123	20
Bromoform	50	0	60.5	ug/L	121		10		66	130	20
Isopropylbenzene	50	0	58.0	ug/L	116		11		72	131	20
1,1,2,2-Tetrachloroethane	50	0	55.2	ug/L	110		6		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	56.0	ug/L	112		11		80	119	20
1,4-Dichlorobenzene	50	0	54.8	ug/L	110		9		79	118	20
1,2-Dichlorobenzene	50	0	56.8	ug/L	114		8		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	64.5	ug/L	129	*	6		62	128	20
1,2,4-Trichlorobenzene	50	0	55.8	ug/L	112		7		69	130	20
1,2,3-Trichlorobenzene	50	0	54.6	ug/L	109		7		69	129	20