

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1629

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec		RPD	Limits		RPD
					Rec	Qual		Qual	Low	High
Lab Sample ID :	Q1629-04MS	Client Sample ID :	TT188S1-20250320MS					Datafile :	VX045467.D	
Dichlorodifluoromethane	50	0	46.4	ug/L	93				32	152
Chloromethane	50	0	40.7	ug/L	81				50	139
Vinyl chloride	50	0	40.6	ug/L	81				58	137
Bromomethane	50	0	46.0	ug/L	92				53	141
Chloroethane	50	0	43.2	ug/L	86				60	138
Trichlorofluoromethane	50	0	46.8	ug/L	94				65	141
1,1,2-Trichlorotrifluoroethane	50	0	54.8	ug/L	110				70	136
1,1-Dichloroethene	50	0	47.9	ug/L	96				71	131
Acetone	250	2.20	280	ug/L	111				39	160
Carbon disulfide	50	0	34.3	ug/L	69				64	133
Methyl tert-butyl Ether	50	0	54.1	ug/L	108				71	124
Methyl Acetate	50	0	71.5	ug/L	143	*			56	136
Methylene Chloride	50	0	49.1	ug/L	98				74	124
trans-1,2-Dichloroethene	50	0	47.9	ug/L	96				75	124
1,1-Dichloroethane	50	0	52.7	ug/L	105				77	125
Cyclohexane	50	0	46.2	ug/L	92				71	130
2-Butanone	250	0	290	ug/L	116				56	143
Carbon Tetrachloride	50	0	53.1	ug/L	106				72	136
cis-1,2-Dichloroethene	50	0	50.5	ug/L	101				78	123
Bromochloromethane	50	0	53.5	ug/L	107				78	123
Chloroform	50	0	55.2	ug/L	110				79	124
1,1,1-Trichloroethane	50	0	55.3	ug/L	111				74	131
Methylcyclohexane	50	0	48.9	ug/L	98				72	132
Benzene	50	0	49.7	ug/L	99				79	120
1,2-Dichloroethane	50	0	58.4	ug/L	117				73	128
Trichloroethene	50	5.30	53.5	ug/L	96				79	123
1,2-Dichloropropane	50	0	51.4	ug/L	103				78	122
Bromodichloromethane	50	0	56.3	ug/L	113				79	125
4-Methyl-2-Pentanone	250	0	290	ug/L	116				67	130
Toluene	50	0	51.6	ug/L	103				80	121
t-1,3-Dichloropropene	50	0	56.5	ug/L	113				73	127
cis-1,3-Dichloropropene	50	0	55.2	ug/L	110				75	124
1,1,2-Trichloroethane	50	0	53.5	ug/L	107				80	119
2-Hexanone	250	0	300	ug/L	120				57	139
Dibromochloromethane	50	0	56.2	ug/L	112				74	126
1,2-Dibromoethane	50	0	53.5	ug/L	107				77	121
Tetrachloroethene	50	0	49.3	ug/L	99				74	129
Chlorobenzene	50	0	51.8	ug/L	104				82	118
Ethyl Benzene	50	0	53.2	ug/L	106				79	121
m/p-Xylenes	100	0	100	ug/L	100				80	121
o-Xylene	50	0	51.7	ug/L	103				78	122
Styrene	50	0	54.0	ug/L	108				78	123
Bromoform	50	0	54.9	ug/L	110				66	130
Isopropylbenzene	50	0	51.8	ug/L	104				72	131
1,1,2,2-Tetrachloroethane	50	0	52.0	ug/L	104				71	121

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		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	50.4	ug/L	101				80	119	
1,4-Dichlorobenzene	50	0	50.0	ug/L	100				79	118	
1,2-Dichlorobenzene	50	0	52.3	ug/L	105				80	119	
1,2-Dibromo-3-Chloropropane	50	0	60.7	ug/L	121				62	128	
1,2,4-Trichlorobenzene	50	0	51.8	ug/L	104				69	130	
1,2,3-Trichlorobenzene	50	0	51.1	ug/L	102				69	129	