

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2329

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Parameter	Spike	Sample Result	Result	Units	Rec		RPD		Limits		RPD
					Rec	Qual	RPD	Qual	Low	High	
Lab Sample ID :	Q2329-12MSD	Client Sample ID :	TT172S1-20250613MSD					Datafile :	VN087119.D		
Dichlorodifluoromethane	50	0	51.5	ug/L	103		8		32	152	20
Chloromethane	50	0	45.1	ug/L	90		7		50	139	20
Vinyl chloride	50	0	56.1	ug/L	112		6		58	137	20
Bromomethane	50	0	54.1	ug/L	108		6		53	141	20
Chloroethane	50	0	55.5	ug/L	111		7		60	138	20
Trichlorofluoromethane	50	0	54.7	ug/L	109		8		65	141	20
1,1,2-Trichlorotrifluoroethane	50	1.10	53.5	ug/L	105		7		70	136	20
1,1-Dichloroethene	50	0	55.3	ug/L	111		6		71	131	20
Acetone	250	0	230	ug/L	92		8		39	160	20
Carbon disulfide	50	0	56.6	ug/L	113		6		64	133	20
Methyl tert-butyl Ether	50	0	52.3	ug/L	105		7		71	124	20
Methyl Acetate	50	0	41.3	ug/L	83		7		56	136	20
Methylene Chloride	50	0	53.0	ug/L	106		4		74	124	20
trans-1,2-Dichloroethene	50	0	53.3	ug/L	107		7		75	124	20
1,1-Dichloroethane	50	0	53.8	ug/L	108		6		77	125	20
Cyclohexane	50	0	47.3	ug/L	95		8		71	130	20
2-Butanone	250	0	230	ug/L	92		8		56	143	20
Carbon Tetrachloride	50	0	53.5	ug/L	107		8		72	136	20
cis-1,2-Dichloroethene	50	0	53.9	ug/L	108		6		78	123	20
Bromochloromethane	50	0	44.5	ug/L	89		7		78	123	20
Chloroform	50	0.44	52.7	ug/L	105		6		79	124	20
1,1,1-Trichloroethane	50	0	53.0	ug/L	106		6		74	131	20
Methylcyclohexane	50	0	44.6	ug/L	89		9		72	132	20
Benzene	50	0	53.1	ug/L	106		8		79	120	20
1,2-Dichloroethane	50	0	51.7	ug/L	103		8		73	128	20
Trichloroethene	50	36.4	93.2	ug/L	114		7		79	123	20
1,2-Dichloropropane	50	0	52.5	ug/L	105		8		78	122	20
Bromodichloromethane	50	0	53.0	ug/L	106		8		79	125	20
4-Methyl-2-Pentanone	250	0	250	ug/L	100		8		67	130	20
Toluene	50	0	53.7	ug/L	107		9		80	121	20
t-1,3-Dichloropropene	50	0	52.6	ug/L	105		8		73	127	20
cis-1,3-Dichloropropene	50	0	52.4	ug/L	105		7		75	124	20
1,1,2-Trichloroethane	50	0	52.7	ug/L	105		9		80	119	20
2-Hexanone	250	0	250	ug/L	100		11		57	139	20
Dibromochloromethane	50	0	56.0	ug/L	112		7		74	126	20
1,2-Dibromoethane	50	0	53.8	ug/L	108		9		77	121	20
Tetrachloroethene	50	1.60	54.1	ug/L	105		6		74	129	20
Chlorobenzene	50	0	54.1	ug/L	108		5		82	118	20
Ethyl Benzene	50	0	52.9	ug/L	106		5		79	121	20
m/p-Xylenes	100	0	110	ug/L	110		9		80	121	20
o-Xylene	50	0	55.9	ug/L	112		5		78	122	20
Styrene	50	0	55.5	ug/L	111		5		78	123	20
Bromoform	50	0	57.8	ug/L	116		5		66	130	20
Isopropylbenzene	50	0	51.7	ug/L	103		5		72	131	20
1,1,2,2-Tetrachloroethane	50	0	52.5	ug/L	105		6		71	121	20

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		Result			Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	50	0	52.9	ug/L	106		6		80	119	20
1,4-Dichlorobenzene	50	0	53.2	ug/L	106		4		79	118	20
1,2-Dichlorobenzene	50	0	52.7	ug/L	105		6		80	119	20
1,2-Dibromo-3-Chloropropane	50	0	49.0	ug/L	98		6		62	128	20
1,2,4-Trichlorobenzene	50	0	47.0	ug/L	94		3		69	130	20
1,2,3-Trichlorobenzene	50	0	45.6	ug/L	91		3		69	129	20