

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1557

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q1557-04MS	Client Sample ID :	BPOW6-9-20250312MS					Datafile :	VX045336.D		
Dichlorodifluoromethane	50	0	50.6	ug/L	101				32	152	
Chloromethane	50	0	47.6	ug/L	95				50	139	
Vinyl chloride	50	0	44.6	ug/L	89				58	137	
Bromomethane	50	0	46.5	ug/L	93				53	141	
Chloroethane	50	0	45.0	ug/L	90				60	138	
Trichlorofluoromethane	50	0	48.8	ug/L	98				65	141	
1,1,2-Trichlorotrifluoroethane	50	0	55.8	ug/L	112				70	136	
1,1-Dichloroethene	50	0	51.2	ug/L	102				71	131	
Acetone	250	1.80	270	ug/L	107				39	160	
Carbon disulfide	50	0	40.0	ug/L	80				64	133	
Methyl tert-butyl Ether	50	0	52.8	ug/L	106				71	124	
Methyl Acetate	50	0	59.1	ug/L	118				56	136	
Methylene Chloride	50	0	50.6	ug/L	101				74	124	
trans-1,2-Dichloroethene	50	0	51.6	ug/L	103				75	124	
1,1-Dichloroethane	50	0	52.9	ug/L	106				77	125	
Cyclohexane	50	0	51.1	ug/L	102				71	130	
2-Butanone	250	0	270	ug/L	108				56	143	
Carbon Tetrachloride	50	0	51.7	ug/L	103				72	136	
cis-1,2-Dichloroethene	50	0	52.8	ug/L	106				78	123	
Bromochloromethane	50	0	51.6	ug/L	103				78	123	
Chloroform	50	0	55.1	ug/L	110				79	124	
1,1,1-Trichloroethane	50	0	54.1	ug/L	108				74	131	
Methylcyclohexane	50	0	51.9	ug/L	104				72	132	
Benzene	50	0	51.4	ug/L	103				79	120	
1,2-Dichloroethane	50	0	56.1	ug/L	112				73	128	
Trichloroethene	50	0.56	49.9	ug/L	99				79	123	
1,2-Dichloropropane	50	0	51.9	ug/L	104				78	122	
Bromodichloromethane	50	0	53.9	ug/L	108				79	125	
4-Methyl-2-Pentanone	250	0	280	ug/L	112				67	130	
Toluene	50	0	52.9	ug/L	106				80	121	
t-1,3-Dichloropropene	50	0	53.4	ug/L	107				73	127	
cis-1,3-Dichloropropene	50	0	52.8	ug/L	106				75	124	
1,1,2-Trichloroethane	50	0	53.4	ug/L	107				80	119	
2-Hexanone	250	0	280	ug/L	112				57	139	
Dibromochloromethane	50	0	53.3	ug/L	107				74	126	
1,2-Dibromoethane	50	0	52.5	ug/L	105				77	121	
Tetrachloroethene	50	0	50.2	ug/L	100				74	129	
Chlorobenzene	50	0	51.9	ug/L	104				82	118	
Ethyl Benzene	50	0	53.0	ug/L	106				79	121	
m/p-Xylenes	100	0	100	ug/L	100				80	121	
o-Xylene	50	0	52.1	ug/L	104				78	122	
Styrene	50	0	54.8	ug/L	110				78	123	
Bromoform	50	0	51.9	ug/L	104				66	130	
Isopropylbenzene	50	0	51.6	ug/L	103				72	131	
1,1,2,2-Tetrachloroethane	50	0	50.7	ug/L	101				71	121	

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		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	51.5	ug/L	103					80	119
1,4-Dichlorobenzene	50	0	50.8	ug/L	102					79	118
1,2-Dichlorobenzene	50	0	52.5	ug/L	105					80	119
1,2-Dibromo-3-Chloropropane	50	0	52.6	ug/L	105					62	128
1,2,4-Trichlorobenzene	50	0	52.1	ug/L	104					69	130
1,2,3-Trichlorobenzene	50	0	53.3	ug/L	107					69	129