

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5280

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

										Limits		
Parameter	Spike	Sample	Result	Units	Rec		RPD	RPD		Low	High	RPD
		Result			Qual	Qual						
Lab Sample ID :	P5280-04MS	Client Sample ID :	BPOW6-11-20241212MS					Datafile :	VX044459.D			
Dichlorodifluoromethane	50	0	47.5	ug/L	95					32	152	
Chloromethane	50	0	49.4	ug/L	99					50	139	
Vinyl chloride	50	0	48.5	ug/L	97					58	137	
Bromomethane	50	0	44.4	ug/L	89					53	141	
Chloroethane	50	0	49.5	ug/L	99					60	138	
Trichlorofluoromethane	50	0	43.4	ug/L	87					65	141	
1,1,2-Trichlorotrifluoroethane	50	0	47.2	ug/L	94					70	136	
1,1-Dichloroethene	50	0	50.7	ug/L	101					71	131	
Acetone	250	1.60	210	ug/L	83					39	160	
Carbon disulfide	50	0	47.0	ug/L	94					64	133	
Methyl tert-butyl Ether	50	0	45.4	ug/L	91					71	124	
Methyl Acetate	50	2.00	44.2	ug/L	84					56	136	
Methylene Chloride	50	0	48.0	ug/L	96					74	124	
trans-1,2-Dichloroethene	50	0	48.3	ug/L	97					75	124	
1,1-Dichloroethane	50	0	47.8	ug/L	96					77	125	
Cyclohexane	50	0	46.0	ug/L	92					71	130	
2-Butanone	250	0	230	ug/L	92					56	143	
Carbon Tetrachloride	50	0	50.1	ug/L	100					72	136	
cis-1,2-Dichloroethene	50	0	48.4	ug/L	97					78	123	
Bromochloromethane	50	0	41.8	ug/L	84					78	123	
Chloroform	50	0	45.9	ug/L	92					79	124	
1,1,1-Trichloroethane	50	0	47.3	ug/L	95					74	131	
Methylcyclohexane	50	0	49.7	ug/L	99					72	132	
Benzene	50	0	52.4	ug/L	105					79	120	
1,2-Dichloroethane	50	0	48.0	ug/L	96					73	128	
Trichloroethene	50	0	52.2	ug/L	104					79	123	
1,2-Dichloropropane	50	0	49.5	ug/L	99					78	122	
Bromodichloromethane	50	0	52.7	ug/L	105					79	125	
4-Methyl-2-Pentanone	250	0	250	ug/L	100					67	130	
Toluene	50	0	50.2	ug/L	100					80	121	
t-1,3-Dichloropropene	50	0	48.0	ug/L	96					73	127	
cis-1,3-Dichloropropene	50	0	51.3	ug/L	103					75	124	
1,1,2-Trichloroethane	50	0	52.8	ug/L	106					80	119	
2-Hexanone	250	0	250	ug/L	100					57	139	
Dibromochloromethane	50	0	49.9	ug/L	100					74	126	
1,2-Dibromoethane	50	0	53.0	ug/L	106					77	121	
Tetrachloroethene	50	0	51.9	ug/L	104					74	129	
Chlorobenzene	50	0	51.4	ug/L	103					82	118	
Ethyl Benzene	50	0	50.5	ug/L	101					79	121	
m/p-Xylenes	100	0	100	ug/L	100					80	121	
o-Xylene	50	0	51.3	ug/L	103					78	122	
Styrene	50	0	54.0	ug/L	108					78	123	
Bromoform	50	0	51.8	ug/L	104					66	130	
Isopropylbenzene	50	0	49.7	ug/L	99					72	131	
1,1,2,2-Tetrachloroethane	50	0	48.9	ug/L	98					71	121	

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Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	50	0	52.3	ug/L	105				80	119	
1,4-Dichlorobenzene	50	0	49.4	ug/L	99				79	118	
1,2-Dichlorobenzene	50	0	50.4	ug/L	101				80	119	
1,2-Dibromo-3-Chloropropane	50	0	47.1	ug/L	94				62	128	
1,2,4-Trichlorobenzene	50	0	52.0	ug/L	104				69	130	
1,2,3-Trichlorobenzene	50	0	52.6	ug/L	105				69	129	