

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: **P4846**

Client: **EA Engineering Science & Technology**

Analytical Method: **SW8260-Low**

Limits											
Parameter	Spike	Sample	Result	Units	Rec		RPD		Low	High	RPD
		Result			Qual	RPD	Qual				
Lab Sample ID :	P4846-07MSD	Client Sample ID :	FSND-MW-EVAL-04D-20241113MSD				Datafile :	VX043997.D			
Dichlorodifluoromethane	50	0	45.4	ug/L	91		3		32	152	20
Chloromethane	50	0	49.5	ug/L	99		3		50	139	20
Vinyl chloride	50	0	48.7	ug/L	97		0		58	137	20
Bromomethane	50	0	56.3	ug/L	113		11		53	141	20
Chloroethane	50	0	47.0	ug/L	94		1		60	138	20
Trichlorofluoromethane	50	0	53.0	ug/L	106		0		65	141	20
1,1,2-Trichlorotrifluoroethane	50	0	48.8	ug/L	98		2		70	136	20
1,1-Dichloroethene	50	0	50.2	ug/L	100		4		71	131	20
Acetone	250	2.30	200	ug/L	79		5		39	160	20
Carbon disulfide	50	0	46.9	ug/L	94		9		64	133	20
Methyl tert-butyl Ether	50	0	54.2	ug/L	108		7		71	124	20
Methyl Acetate	50	0	49.3	ug/L	99		5		56	136	20
Methylene Chloride	50	0	52.3	ug/L	105		7		74	124	20
trans-1,2-Dichloroethene	50	0	52.6	ug/L	105		4		75	124	20
1,1-Dichloroethane	50	0	53.8	ug/L	108		5		77	125	20
Cyclohexane	50	0	48.3	ug/L	97		1		71	130	20
2-Butanone	250	0	240	ug/L	96		9		56	143	20
Carbon Tetrachloride	50	0	48.9	ug/L	98		0		72	136	20
cis-1,2-Dichloroethene	50	0	51.9	ug/L	104		2		78	123	20
Bromochloromethane	50	0	51.3	ug/L	103		12		78	123	20
Chloroform	50	0	52.9	ug/L	106		1		79	124	20
1,1,1-Trichloroethane	50	0	52.3	ug/L	105		0		74	131	20
Methylcyclohexane	50	0	44.9	ug/L	90		2		72	132	20
Benzene	50	0	50.6	ug/L	101		2		79	120	20
1,2-Dichloroethane	50	0	51.3	ug/L	103		4		73	128	20
Trichloroethene	50	57.1	93.1	ug/L	72	*	18		79	123	20
1,2-Dichloropropane	50	0	52.1	ug/L	104		4		78	122	20
Bromodichloromethane	50	0	52.7	ug/L	105		5		79	125	20
4-Methyl-2-Pentanone	250	0	260	ug/L	104		8		67	130	20
Toluene	50	0	53.5	ug/L	107		6		80	121	20
t-1,3-Dichloropropene	50	0	53.4	ug/L	107		11		73	127	20
cis-1,3-Dichloropropene	50	0	52.3	ug/L	105		8		75	124	20
1,1,2-Trichloroethane	50	0	54.3	ug/L	109		9		80	119	20
2-Hexanone	250	0	260	ug/L	104		8		57	139	20
Dibromochloromethane	50	0	55.1	ug/L	110		10		74	126	20
1,2-Dibromoethane	50	0	53.6	ug/L	107		7		77	121	20
Tetrachloroethene	50	0	46.9	ug/L	94		0		74	129	20
Chlorobenzene	50	0	48.9	ug/L	98		2		82	118	20
Ethyl Benzene	50	0	50.2	ug/L	100		2		79	121	20
m/p-Xylenes	100	0	100	ug/L	100		1		80	121	20
o-Xylene	50	0	50.4	ug/L	101		1		78	122	20
Styrene	50	0	51.8	ug/L	104		2		78	123	20
Bromoform	50	0	46.7	ug/L	93		6		66	130	20
Isopropylbenzene	50	0	49.7	ug/L	99		0		72	131	20
1,1,2,2-Tetrachloroethane	50	0	51.3	ug/L	103		1		71	121	20

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Parameter	Spike	Sample Result	Result	Units	Rec			RPD		Limits		
					Rec	Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	50	0	49.1	ug/L	98		0		80	119	20	
1,4-Dichlorobenzene	50	0	48.9	ug/L	98		2		79	118	20	
1,2-Dichlorobenzene	50	0	50.1	ug/L	100		2		80	119	20	
1,2-Dibromo-3-Chloropropane	50	0	50.1	ug/L	100		3		62	128	20	
1,2,4-Trichlorobenzene	50	0	48.3	ug/L	97		1		69	130	20	
1,2,3-Trichlorobenzene	50	0	50.7	ug/L	101		6		69	129	20	