

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VY023580.D

		Sample				Rec	RPD	Limits			
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3419-02MS	Client Sample ID :	PR-132-S16-015094-20251021MS								
Dichlorodifluoromethane	100	0	130	ug/Kg	130				40	150	
Chloromethane	100	0	110	ug/Kg	110				24	175	
Vinyl chloride	100	0	120	ug/Kg	120				21	175	
Bromomethane	100	0	76.6	ug/Kg	77				46	150	
Chloroethane	100	0	130	ug/Kg	130				30	175	
Trichlorofluoromethane	100	0	130	ug/Kg	130				53	150	
1,1,2-Trichlorotrifluoroethane	100	0	120	ug/Kg	120				60	135	
1,1-Dichloroethene	100	0	130	ug/Kg	130				63	136	
Acetone	510	36.3	950	ug/Kg	179	*			41	175	
Carbon disulfide	100	7.80	97.7	ug/Kg	90				45	126	
Methyl tert-butyl Ether	100	0	150	ug/Kg	150				56	175	
Methyl Acetate	100	0	360	ug/Kg	360	*			32	175	
Methylene Chloride	100	0	130	ug/Kg	130				59	175	
trans-1,2-Dichloroethene	100	0	110	ug/Kg	110				63	137	
1,1-Dichloroethane	100	0	130	ug/Kg	130				62	154	
Cyclohexane	100	0	62.0	ug/Kg	62				41	131	
2-Butanone	510	0	870	ug/Kg	171				48	174	
Carbon Tetrachloride	100	0	70.9	ug/Kg	71				48	149	
cis-1,2-Dichloroethene	100	0	120	ug/Kg	120				59	153	
Bromochloromethane	100	0	87.2	ug/Kg	87				54	172	
Chloroform	100	0	130	ug/Kg	130				60	159	
1,1,1-Trichloroethane	100	0	130	ug/Kg	130				60	149	
Methylcyclohexane	100	0	33.3	ug/Kg	33				19	135	
Benzene	100	0	130	ug/Kg	130				59	140	
1,2-Dichloroethane	100	0	140	ug/Kg	140				63	153	
Trichloroethene	100	0	130	ug/Kg	130				45	154	
1,2-Dichloropropane	100	0	130	ug/Kg	130				67	141	
Bromodichloromethane	100	0	120	ug/Kg	120				54	160	
4-Methyl-2-Pentanone	510	0	890	ug/Kg	175	*			54	164	
Toluene	100	0	110	ug/Kg	110				61	134	
t-1,3-Dichloropropene	100	0	63.4	ug/Kg	63				47	155	
cis-1,3-Dichloropropene	100	0	52.7	ug/Kg	53	*			56	141	
1,1,2-Trichloroethane	100	0	150	ug/Kg	150	*			69	148	
2-Hexanone	510	0	830	ug/Kg	163				43	164	
Dibromochloromethane	100	0	120	ug/Kg	120				65	143	
1,2-Dibromoethane	100	0	130	ug/Kg	130				63	144	
Tetrachloroethene	100	0	100	ug/Kg	100				27	175	
Chlorobenzene	100	0	120	ug/Kg	120				66	127	
Ethyl Benzene	100	0	96.1	ug/Kg	96				54	134	
m/p-Xylenes	200	0	190	ug/Kg	95				51	137	
o-Xylene	100	0	95.7	ug/Kg	96				57	139	
Styrene	100	0	87.0	ug/Kg	87				47	136	
Bromoform	100	0	150	ug/Kg	150	*			64	144	
Isopropylbenzene	100	0	100	ug/Kg	100				44	160	
1,1,2,2-Tetrachloroethane	100	0	290	ug/Kg	290	*			18	175	

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					Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	100	0	77.7	ug/Kg	78				55	131	
1,4-Dichlorobenzene	100	0	82.3	ug/Kg	82				57	129	
1,2-Dichlorobenzene	100	0	86.7	ug/Kg	87				54	140	
1,2-Dibromo-3-Chloropropane	100	0	240	ug/Kg	240	*			46	175	
1,2,4-Trichlorobenzene	100	0	26.5	ug/Kg	26				12	127	
1,2,3-Trichlorobenzene	100	0	28.0	ug/Kg	28				10	160	