

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3395

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VW032400.D

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3395-03MS	Client Sample ID :	PR132-S07-000102-20251017MS								
Dichlorodifluoromethane	94.6	0	110	ug/Kg	116				40	150	
Chloromethane	94.6	0	100	ug/Kg	106				24	175	
Vinyl chloride	94.6	0	120	ug/Kg	127				21	175	
Bromomethane	94.6	0	64.8	ug/Kg	68				46	150	
Chloroethane	94.6	0	120	ug/Kg	127				30	175	
Trichlorofluoromethane	94.6	0	110	ug/Kg	116				53	150	
1,1,2-Trichlorotrifluoroethane	94.6	0	62.1	ug/Kg	66				60	135	
1,1-Dichloroethene	94.6	0	110	ug/Kg	116				63	136	
Acetone	470	480	1700	ug/Kg	260	*			41	175	
Carbon disulfide	94.6	18.6	86.5	ug/Kg	72				45	126	
Methyl tert-butyl Ether	94.6	0	160	ug/Kg	169				56	175	
Methyl Acetate	94.6	0	690	ug/Kg	729	*			32	175	
Methylene Chloride	94.6	0	140	ug/Kg	148				59	175	
trans-1,2-Dichloroethene	94.6	0	97.6	ug/Kg	103				63	137	
1,1-Dichloroethane	94.6	0	120	ug/Kg	127				62	154	
Cyclohexane	94.6	0	47.1	ug/Kg	50				41	131	
2-Butanone	470	150	1100	ug/Kg	202	*			48	174	
Carbon Tetrachloride	94.6	0	32.5	ug/Kg	34	*			48	149	
cis-1,2-Dichloroethene	94.6	0	120	ug/Kg	127				59	153	
Bromochloromethane	94.6	0	120	ug/Kg	127				54	172	
Chloroform	94.6	0	120	ug/Kg	127				60	159	
1,1,1-Trichloroethane	94.6	0	98.0	ug/Kg	104				60	149	
Methylcyclohexane	94.6	120	140	ug/Kg	21				19	135	
Benzene	94.6	7.50	99.5	ug/Kg	97				59	140	
1,2-Dichloroethane	94.6	0	110	ug/Kg	116				63	153	
Trichloroethene	94.6	0	80.7	ug/Kg	85				45	154	
1,2-Dichloropropane	94.6	0	98.6	ug/Kg	104				67	141	
Bromodichloromethane	94.6	0	97.0	ug/Kg	103				54	160	
4-Methyl-2-Pentanone	470	0	760	ug/Kg	162				54	164	
Toluene	94.6	0	64.0	ug/Kg	68				61	134	
t-1,3-Dichloropropene	94.6	0	45.7	ug/Kg	48				47	155	
cis-1,3-Dichloropropene	94.6	0	35.3	ug/Kg	37	*			56	141	
1,1,2-Trichloroethane	94.6	0	76.3	ug/Kg	81				69	148	
2-Hexanone	470	0	620	ug/Kg	132				43	164	
Dibromochloromethane	94.6	0	79.8	ug/Kg	84				65	143	
1,2-Dibromoethane	94.6	0	94.7	ug/Kg	100				63	144	
Tetrachloroethene	94.6	0	83.2	ug/Kg	88				27	175	
Chlorobenzene	94.6	0	90.4	ug/Kg	96				66	127	
Ethyl Benzene	94.6	0	70.7	ug/Kg	75				54	134	
m/p-Xylenes	190	0	140	ug/Kg	74				51	137	
o-Xylene	94.6	13.2	97.5	ug/Kg	89				57	139	
Styrene	94.6	0	68.4	ug/Kg	72				47	136	
Bromoform	94.6	0	130	ug/Kg	137				64	144	
Isopropylbenzene	94.6	0	62.9	ug/Kg	66				44	160	
1,1,2,2-Tetrachloroethane	94.6	0	260	ug/Kg	275	*			18	175	

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					Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	94.6	0	46.2	ug/Kg	49	*			55	131	
1,4-Dichlorobenzene	94.6	0	48.9	ug/Kg	52	*			57	129	
1,2-Dichlorobenzene	94.6	0	53.7	ug/Kg	57				54	140	
1,2-Dibromo-3-Chloropropane	94.6	0	170	ug/Kg	180	*			46	175	
1,2,4-Trichlorobenzene	94.6	0	38.1	ug/Kg	40				12	127	
1,2,3-Trichlorobenzene	94.6	0	33.7	ug/Kg	36				10	160	