

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3395

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VW032401.D

Parameter	Spike	Sample	Result	Units	Rec		RPD		Limits			
		Result			Qual	RPD	Qual	Low	High	RPD		
Lab Sample ID :	Q3395-04MSD	Client Sample ID :	PR132-S07-000102-20251017MSD									
Dichlorodifluoromethane	99.2	0	130	ug/Kg	131		12		40	150	20	
Chloromethane	99.2	0	120	ug/Kg	121		13		24	175	20	
Vinyl chloride	99.2	0	130	ug/Kg	131		3		21	175	20	
Bromomethane	99.2	0	78.9	ug/Kg	80		15		46	150	20	
Chloroethane	99.2	0	140	ug/Kg	141		11		30	175	20	
Trichlorofluoromethane	99.2	0	120	ug/Kg	121		4		53	150	20	
1,1,2-Trichlorotrifluoroethane	99.2	0	64.4	ug/Kg	65		1		60	135	20	
1,1-Dichloroethene	99.2	0	130	ug/Kg	131		12		63	136	20	
Acetone	500	480	2200	ug/Kg	344	*	28	*	41	175	20	
Carbon disulfide	99.2	18.6	110	ug/Kg	92		24	*	45	126	20	
Methyl tert-butyl Ether	99.2	0	170	ug/Kg	171		1		56	175	20	
Methyl Acetate	99.2	0	600	ug/Kg	605	*	19		32	175	20	
Methylene Chloride	99.2	0	150	ug/Kg	151		2		59	175	20	
trans-1,2-Dichloroethene	99.2	0	120	ug/Kg	121		16		63	137	20	
1,1-Dichloroethane	99.2	0	130	ug/Kg	131		3		62	154	20	
Cyclohexane	99.2	0	42.8	ug/Kg	43		14		41	131	20	
2-Butanone	500	150	1400	ug/Kg	250	*	21	*	48	174	20	
Carbon Tetrachloride	99.2	0	43.9	ug/Kg	44	*	25	*	48	149	20	
cis-1,2-Dichloroethene	99.2	0	130	ug/Kg	131		3		59	153	20	
Bromochloromethane	99.2	0	130	ug/Kg	131		3		54	172	20	
Chloroform	99.2	0	130	ug/Kg	131		3		60	159	20	
1,1,1-Trichloroethane	99.2	0	110	ug/Kg	111		7		60	149	20	
Methylcyclohexane	99.2	120	100	ug/Kg	-20	*	8200	*	19	135	20	
Benzene	99.2	7.50	110	ug/Kg	103		6		59	140	20	
1,2-Dichloroethane	99.2	0	120	ug/Kg	121		4		63	153	20	
Trichloroethene	99.2	0	85.7	ug/Kg	86		1		45	154	20	
1,2-Dichloropropane	99.2	0	100	ug/Kg	101		3		67	141	20	
Bromodichloromethane	99.2	0	110	ug/Kg	111		8		54	160	20	
4-Methyl-2-Pentanone	500	0	850	ug/Kg	170	*	5		54	164	20	
Toluene	99.2	0	69.4	ug/Kg	70		3		61	134	20	
t-1,3-Dichloropropene	99.2	0	59.3	ug/Kg	60		21	*	47	155	20	
cis-1,3-Dichloropropene	99.2	0	47.5	ug/Kg	48	*	25	*	56	141	20	
1,1,2-Trichloroethane	99.2	0	110	ug/Kg	111		32	*	69	148	20	
2-Hexanone	500	0	820	ug/Kg	164		22	*	43	164	20	
Dibromochloromethane	99.2	0	90.2	ug/Kg	91		7		65	143	20	
1,2-Dibromoethane	99.2	0	110	ug/Kg	111		10		63	144	20	
Tetrachloroethene	99.2	0	79.7	ug/Kg	80		9		27	175	20	
Chlorobenzene	99.2	0	95.2	ug/Kg	96		0		66	127	20	
Ethyl Benzene	99.2	0	73.0	ug/Kg	74		2		54	134	20	
m/p-Xylenes	200	0	140	ug/Kg	70		5		51	137	20	
o-Xylene	99.2	13.2	97.8	ug/Kg	85		5		57	139	20	
Styrene	99.2	0	72.8	ug/Kg	73		1		47	136	20	
Bromoform	99.2	0	150	ug/Kg	151	*	10		64	144	20	
Isopropylbenzene	99.2	0	55.5	ug/Kg	56		17		44	160	20	
1,1,2,2-Tetrachloroethane	99.2	0	190	ug/Kg	192	*	36	*	18	175	20	

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					Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	99.2	0	42.3	ug/Kg	43	*	14		55	131	20
1,4-Dichlorobenzene	99.2	0	46.1	ug/Kg	46	*	11		57	129	20
1,2-Dichlorobenzene	99.2	0	49.2	ug/Kg	50	*	13		54	140	20
1,2-Dibromo-3-Chloropropane	99.2	0	180	ug/Kg	181	*	1		46	175	20
1,2,4-Trichlorobenzene	99.2	0	33.2	ug/Kg	33		18		12	127	20
1,2,3-Trichlorobenzene	99.2	0	26.0	ug/Kg	26		30	*	10	160	20