

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3419

Analytical Method:

SW8260D

Client: AECOM

Datafile :

VY023581.D

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3419-03MSD	Client Sample ID :	PR-132-S16-015094-20251021MSD								
Dichlorodifluoromethane	79	0	99.9	ug/Kg	126		3		40	150	20
Chloromethane	79	0	89.3	ug/Kg	113		3		24	175	20
Vinyl chloride	79	0	95.4	ug/Kg	121		1		21	175	20
Bromomethane	79	0	45.2	ug/Kg	57		29	*	46	150	20
Chloroethane	79	0	100	ug/Kg	127		3		30	175	20
Trichlorofluoromethane	79	0	100	ug/Kg	127		3		53	150	20
1,1,2-Trichlorotrifluoroethane	79	0	83.0	ug/Kg	105		13		60	135	20
1,1-Dichloroethene	79	0	100	ug/Kg	127		3		63	136	20
Acetone	390	36.3	1200	ug/Kg	298	*	50	*	41	175	20
Carbon disulfide	79	7.80	120	ug/Kg	142	*	45	*	45	126	20
Methyl tert-butyl Ether	79	0	150	ug/Kg	190	*	23	*	56	175	20
Methyl Acetate	79	0	430	ug/Kg	544	*	41	*	32	175	20
Methylene Chloride	79	0	100	ug/Kg	127		3		59	175	20
trans-1,2-Dichloroethene	79	0	82.6	ug/Kg	105		5		63	137	20
1,1-Dichloroethane	79	0	100	ug/Kg	127		3		62	154	20
Cyclohexane	79	0	45.2	ug/Kg	57		8		41	131	20
2-Butanone	390	0	970	ug/Kg	249	*	37	*	48	174	20
Carbon Tetrachloride	79	0	58.9	ug/Kg	75		5		48	149	20
cis-1,2-Dichloroethene	79	0	95.3	ug/Kg	121		1		59	153	20
Bromochloromethane	79	0	96.1	ug/Kg	122		33	*	54	172	20
Chloroform	79	0	110	ug/Kg	139		7		60	159	20
1,1,1-Trichloroethane	79	0	98.5	ug/Kg	125		4		60	149	20
Methylcyclohexane	79	0	29.4	ug/Kg	37		11		19	135	20
Benzene	79	0	100	ug/Kg	127		3		59	140	20
1,2-Dichloroethane	79	0	120	ug/Kg	152		8		63	153	20
Trichloroethene	79	0	89.8	ug/Kg	114		13		45	154	20
1,2-Dichloropropane	79	0	110	ug/Kg	139		7		67	141	20
Bromodichloromethane	79	0	100	ug/Kg	127		5		54	160	20
4-Methyl-2-Pentanone	390	0	980	ug/Kg	251	*	36	*	54	164	20
Toluene	79	0	80.6	ug/Kg	102		8		61	134	20
t-1,3-Dichloropropene	79	0	33.6	ug/Kg	43	*	39	*	47	155	20
cis-1,3-Dichloropropene	79	0	24.0	ug/Kg	30	*	54	*	56	141	20
1,1,2-Trichloroethane	79	0	140	ug/Kg	177	*	17		69	148	20
2-Hexanone	390	0	930	ug/Kg	238	*	38	*	43	164	20
Dibromochloromethane	79	0	110	ug/Kg	139		15		65	143	20
1,2-Dibromoethane	79	0	120	ug/Kg	152	*	16		63	144	20
Tetrachloroethene	79	0	85.4	ug/Kg	108		8		27	175	20
Chlorobenzene	79	0	87.9	ug/Kg	111		8		66	127	20
Ethyl Benzene	79	0	69.7	ug/Kg	88		9		54	134	20
m/p-Xylenes	160	0	130	ug/Kg	81		16		51	137	20
o-Xylene	79	0	70.9	ug/Kg	90		6		57	139	20
Styrene	79	0	56.7	ug/Kg	72		19		47	136	20
Bromoform	79	0	150	ug/Kg	190	*	23	*	64	144	20
Isopropylbenzene	79	0	77.2	ug/Kg	98		2		44	160	20
1,1,2,2-Tetrachloroethane	79	0	280	ug/Kg	354	*	20		18	175	20

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		Result			Qual	RPD	Qual	Low	High	RPD		
1,3-Dichlorobenzene	79	0	62.5	ug/Kg	79		2		55	131	20	
1,4-Dichlorobenzene	79	0	65.6	ug/Kg	83		1		57	129	20	
1,2-Dichlorobenzene	79	0	72.3	ug/Kg	92		5		54	140	20	
1,2-Dibromo-3-Chloropropane	79	0	250	ug/Kg	316	*	27	*	46	175	20	
1,2,4-Trichlorobenzene	79	0	26.2	ug/Kg	33		22	*	12	127	20	
1,2,3-Trichlorobenzene	79	0	29.6	ug/Kg	37		29	*	10	160	20	