

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8260D

Limits											
Parameter	Spike	Sample	Result	Units	Rec		RPD	RPD			
		Result			Qual	RPD	Qual	Low	High	RPD	
Lab Sample ID :	Q1956-04MSD	Client Sample ID :	SB2-4-5MSD					Datafile :	VY022166.D		
Dichlorodifluoromethane	43.3	0	45.3	ug/Kg	105		16		40	150	20
Chloromethane	43.3	0	46.2	ug/Kg	107		7		24	175	20
Vinyl chloride	43.3	0	51.2	ug/Kg	118		10		21	175	20
Bromomethane	43.3	0	43.4	ug/Kg	100		10		46	150	20
Chloroethane	43.3	0	51.5	ug/Kg	119		5		30	175	20
Trichlorofluoromethane	43.3	1.30	46.8	ug/Kg	105		6		53	150	20
1,1,2-Trichlorotrifluoroethane	43.3	0	46.8	ug/Kg	108		10		60	135	20
1,1-Dichloroethene	43.3	0	46.8	ug/Kg	108		9		63	136	20
Acetone	220	0	200	ug/Kg	91		25	*	41	175	20
Carbon disulfide	43.3	1.00	41.8	ug/Kg	94		7		45	126	20
Methyl tert-butyl Ether	43.3	0	42.0	ug/Kg	97		7		56	175	20
Methyl Acetate	43.3	0	67.4	ug/Kg	156		19		32	175	20
Methylene Chloride	43.3	4.50	43.0	ug/Kg	89		3		59	175	20
trans-1,2-Dichloroethene	43.3	0	47.0	ug/Kg	109		5		63	137	20
1,1-Dichloroethane	43.3	0	50.3	ug/Kg	116		4		62	154	20
Cyclohexane	43.3	0	46.7	ug/Kg	108		8		41	131	20
2-Butanone	220	0	180	ug/Kg	82		20		48	174	20
Carbon Tetrachloride	43.3	0	49.3	ug/Kg	114		8		48	149	20
cis-1,2-Dichloroethene	43.3	0	47.5	ug/Kg	110		2		59	153	20
Bromochloromethane	43.3	0	44.2	ug/Kg	102		16		54	172	20
Chloroform	43.3	0	49.7	ug/Kg	115		3		60	159	20
1,1,1-Trichloroethane	43.3	0	49.7	ug/Kg	115		7		60	149	20
Methylcyclohexane	43.3	0	48.1	ug/Kg	111		11		19	135	20
Benzene	43.3	0	50.5	ug/Kg	117		5		59	140	20
1,2-Dichloroethane	43.3	0	44.9	ug/Kg	104		4		63	153	20
Trichloroethene	43.3	0	47.8	ug/Kg	110		7		45	154	20
1,2-Dichloropropane	43.3	0	50.3	ug/Kg	116		2		67	141	20
Bromodichloromethane	43.3	0	47.9	ug/Kg	111		1		54	160	20
4-Methyl-2-Pentanone	220	0	190	ug/Kg	86		23	*	54	164	20
Toluene	43.3	0	51.4	ug/Kg	119		3		61	134	20
t-1,3-Dichloropropene	43.3	0	41.4	ug/Kg	96		4		47	155	20
cis-1,3-Dichloropropene	43.3	0	44.2	ug/Kg	102		2		56	141	20
1,1,2-Trichloroethane	43.3	0	43.0	ug/Kg	99		6		69	148	20
2-Hexanone	220	0	180	ug/Kg	82		24	*	43	164	20
Dibromochloromethane	43.3	0	43.1	ug/Kg	100		5		65	143	20
1,2-Dibromoethane	43.3	0	40.2	ug/Kg	93		9		63	144	20
Tetrachloroethene	43.3	0	49.2	ug/Kg	114		8		27	175	20
Chlorobenzene	43.3	0	47.7	ug/Kg	110		7		66	127	20
Ethyl Benzene	43.3	0	51.9	ug/Kg	120		9		54	134	20
m/p-Xylenes	86.7	0	100	ug/Kg	115		5		51	137	20
o-Xylene	43.3	0	51.4	ug/Kg	119		9		57	139	20
Styrene	43.3	0	38.0	ug/Kg	88		11		47	136	20
Bromoform	43.3	0	39.0	ug/Kg	90		7		64	144	20
Isopropylbenzene	43.3	0	55.0	ug/Kg	127		15		44	160	20
1,1,2,2-Tetrachloroethane	43.3	0	42.8	ug/Kg	99		4		18	175	20

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Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Qual	RPD	Qual	Low	High	RPD	
1,3-Dichlorobenzene	43.3	0	45.9	ug/Kg	106		13		55	131	20
1,4-Dichlorobenzene	43.3	0	44.1	ug/Kg	102		8		57	129	20
1,2-Dichlorobenzene	43.3	0	44.3	ug/Kg	102		9		54	140	20
1,2-Dibromo-3-Chloropropane	43.3	0	36.4	ug/Kg	84		13		46	175	20
1,2,4-Trichlorobenzene	43.3	0	28.7	ug/Kg	66		3		12	127	20
1,2,3-Trichlorobenzene	43.3	0	25.7	ug/Kg	59		2		10	160	20