

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	Low	High	RPD
		Result			Qual	Qual					
Lab Sample ID :	Q1956-03MS	Client Sample ID :	SB2-4-5MS					Datafile :	VY022165.D		
Dichlorodifluoromethane	45.6	0	40.8	ug/Kg	89				40	150	
Chloromethane	45.6	0	45.3	ug/Kg	99				24	175	
Vinyl chloride	45.6	0	48.7	ug/Kg	107				21	175	
Bromomethane	45.6	0	41.5	ug/Kg	91				46	150	
Chloroethane	45.6	0	51.8	ug/Kg	114				30	175	
Trichlorofluoromethane	45.6	1.30	46.3	ug/Kg	99				53	150	
1,1,2-Trichlorotrifluoroethane	45.6	0	44.5	ug/Kg	98				60	135	
1,1-Dichloroethene	45.6	0	44.9	ug/Kg	98				63	136	
Acetone	230	0	270	ug/Kg	117				41	175	
Carbon disulfide	45.6	1.00	41.0	ug/Kg	88				45	126	
Methyl tert-butyl Ether	45.6	0	47.4	ug/Kg	104				56	175	
Methyl Acetate	45.6	0	86.3	ug/Kg	189	*			32	175	
Methylene Chloride	45.6	4.50	46.5	ug/Kg	92				59	175	
trans-1,2-Dichloroethene	45.6	0	46.9	ug/Kg	103				63	137	
1,1-Dichloroethane	45.6	0	50.9	ug/Kg	112				62	154	
Cyclohexane	45.6	0	45.5	ug/Kg	100				41	131	
2-Butanone	230	0	230	ug/Kg	100				48	174	
Carbon Tetrachloride	45.6	0	47.8	ug/Kg	105				48	149	
cis-1,2-Dichloroethene	45.6	0	49.0	ug/Kg	107				59	153	
Bromochloromethane	45.6	0	54.5	ug/Kg	120				54	172	
Chloroform	45.6	0	50.6	ug/Kg	111				60	159	
1,1,1-Trichloroethane	45.6	0	48.7	ug/Kg	107				60	149	
Methylcyclohexane	45.6	0	45.4	ug/Kg	100				19	135	
Benzene	45.6	0	50.6	ug/Kg	111				59	140	
1,2-Dichloroethane	45.6	0	49.1	ug/Kg	108				63	153	
Trichloroethene	45.6	0	46.8	ug/Kg	103				45	154	
1,2-Dichloropropane	45.6	0	51.9	ug/Kg	114				67	141	
Bromodichloromethane	45.6	0	50.9	ug/Kg	112				54	160	
4-Methyl-2-Pentanone	230	0	250	ug/Kg	109				54	164	
Toluene	45.6	0	52.4	ug/Kg	115				61	134	
t-1,3-Dichloropropene	45.6	0	45.6	ug/Kg	100				47	155	
cis-1,3-Dichloropropene	45.6	0	45.7	ug/Kg	100				56	141	
1,1,2-Trichloroethane	45.6	0	48.1	ug/Kg	105				69	148	
2-Hexanone	230	0	240	ug/Kg	104				43	164	
Dibromochloromethane	45.6	0	47.7	ug/Kg	105				65	143	
1,2-Dibromoethane	45.6	0	46.5	ug/Kg	102				63	144	
Tetrachloroethene	45.6	0	47.7	ug/Kg	105				27	175	
Chlorobenzene	45.6	0	46.7	ug/Kg	102				66	127	
Ethyl Benzene	45.6	0	49.8	ug/Kg	109				54	134	
m/p-Xylenes	91.1	0	100	ug/Kg	110				51	137	
o-Xylene	45.6	0	49.4	ug/Kg	108				57	139	
Styrene	45.6	0	36.0	ug/Kg	79				47	136	
Bromoform	45.6	0	44.1	ug/Kg	97				64	144	
Isopropylbenzene	45.6	0	50.0	ug/Kg	110				44	160	
1,1,2,2-Tetrachloroethane	45.6	0	46.9	ug/Kg	103				18	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8260D

Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Rec	Qual	RPD	Qual	Low	High	RPD
1,3-Dichlorobenzene	45.6	0	42.5	ug/Kg	93				55	131	
1,4-Dichlorobenzene	45.6	0	42.8	ug/Kg	94				57	129	
1,2-Dichlorobenzene	45.6	0	42.8	ug/Kg	94				54	140	
1,2-Dibromo-3-Chloropropane	45.6	0	43.7	ug/Kg	96				46	175	
1,2,4-Trichlorobenzene	45.6	0	29.2	ug/Kg	64				12	127	
1,2,3-Trichlorobenzene	45.6	0	27.7	ug/Kg	61				10	160	