

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2100

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022382.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0522SBS01	Dichlorodifluoromethane	20	19.6	ug/Kg	98			64	136	
	Chloromethane	20	23.3	ug/Kg	117			70	130	
	Vinyl chloride	20	24.9	ug/Kg	125			72	129	
	Bromomethane	20	34.5	ug/Kg	173		*	58	141	
	Chloroethane	20	28.5	ug/Kg	143		*	69	130	
	Trichlorofluoromethane	20	23.4	ug/Kg	117			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	110	ug/Kg	110			60	131	
	Carbon disulfide	20	19.3	ug/Kg	97			45	154	
	Methyl tert-butyl Ether	20	19.6	ug/Kg	98			77	129	
	Methyl Acetate	20	16.6	ug/Kg	83			69	149	
	Methylene Chloride	20	19.0	ug/Kg	95			56	174	
	trans-1,2-Dichloroethene	20	19.7	ug/Kg	99			80	123	
	1,1-Dichloroethane	20	19.4	ug/Kg	97			82	123	
	Cyclohexane	20	18.7	ug/Kg	94			76	122	
	2-Butanone	100	95.4	ug/Kg	95			69	131	
	Carbon Tetrachloride	20	19.8	ug/Kg	99			76	129	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			82	123	
	Bromochloromethane	20	18.6	ug/Kg	93			80	127	
	Chloroform	20	20.1	ug/Kg	101			82	125	
	1,1,1-Trichloroethane	20	19.5	ug/Kg	98			80	126	
	Methylcyclohexane	20	19.2	ug/Kg	96			77	123	
	Benzene	20	19.5	ug/Kg	98			84	121	
	1,2-Dichloroethane	20	19.1	ug/Kg	96			81	126	
	Trichloroethene	20	20.1	ug/Kg	101			83	122	
	1,2-Dichloropropane	20	19.1	ug/Kg	96			83	122	
	Bromodichloromethane	20	19.3	ug/Kg	97			82	123	
	4-Methyl-2-Pentanone	100	88.9	ug/Kg	89			70	135	
	Toluene	20	19.4	ug/Kg	97			83	122	
	t-1,3-Dichloropropene	20	18.5	ug/Kg	93			78	124	
	cis-1,3-Dichloropropene	20	18.8	ug/Kg	94			81	122	
	1,1,2-Trichloroethane	20	19.6	ug/Kg	98			82	125	
	2-Hexanone	100	89.5	ug/Kg	90			66	138	
	Dibromochloromethane	20	19.9	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	19.6	ug/Kg	98			80	125	
	Tetrachloroethene	20	19.9	ug/Kg	100			83	125	
	Chlorobenzene	20	19.7	ug/Kg	99			84	122	
	Ethyl Benzene	20	18.7	ug/Kg	94			82	124	
	m/p-Xylenes	40	38.0	ug/Kg	95			83	124	
	o-Xylene	20	18.8	ug/Kg	94			83	123	
	Styrene	20	19.0	ug/Kg	95			82	124	
	Bromoform	20	19.2	ug/Kg	96			75	127	
	Isopropylbenzene	20	19.3	ug/Kg	97			82	124	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/Kg	99			77	127	
	1,3-Dichlorobenzene	20	18.9	ug/Kg	95			83	122	
	1,4-Dichlorobenzene	20	19.0	ug/Kg	95			84	121	
	1,2-Dichlorobenzene	20	19.1	ug/Kg	96			83	124	

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VY0522SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	19.5	ug/Kg	98			78	127	
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96			70	137	