

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2100

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022409.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0523SBS01	Dichlorodifluoromethane	20	20.6	ug/Kg	103			64	136	
	Chloromethane	20	24.0	ug/Kg	120			70	130	
	Vinyl chloride	20	25.2	ug/Kg	126			72	129	
	Bromomethane	20	34.5	ug/Kg	173		*	58	141	
	Chloroethane	20	27.1	ug/Kg	136		*	69	130	
	Trichlorofluoromethane	20	22.9	ug/Kg	115			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.8	ug/Kg	114			81	123	
	1,1-Dichloroethene	20	22.1	ug/Kg	111			79	121	
	Acetone	100	140	ug/Kg	140		*	60	131	
	Carbon disulfide	20	19.9	ug/Kg	100			45	154	
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101			77	129	
	Methyl Acetate	20	15.7	ug/Kg	79			69	149	
	Methylene Chloride	20	19.6	ug/Kg	98			56	174	
	trans-1,2-Dichloroethene	20	20.4	ug/Kg	102			80	123	
	1,1-Dichloroethane	20	20.0	ug/Kg	100			82	123	
	Cyclohexane	20	20.1	ug/Kg	101			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.9	ug/Kg	104			76	129	
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103			82	123	
	Bromochloromethane	20	19.7	ug/Kg	99			80	127	
	Chloroform	20	20.5	ug/Kg	103			82	125	
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104			80	126	
	Methylcyclohexane	20	21.4	ug/Kg	107			77	123	
	Benzene	20	20.3	ug/Kg	102			84	121	
	1,2-Dichloroethane	20	19.6	ug/Kg	98			81	126	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.0	ug/Kg	100			83	122	
	Bromodichloromethane	20	20.0	ug/Kg	100			82	123	
	4-Methyl-2-Pentanone	100	92.8	ug/Kg	93			70	135	
	Toluene	20	20.2	ug/Kg	101			83	122	
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98			78	124	
	cis-1,3-Dichloropropene	20	19.7	ug/Kg	99			81	122	
	1,1,2-Trichloroethane	20	20.2	ug/Kg	101			82	125	
	2-Hexanone	100	100	ug/Kg	100			66	138	
	Dibromochloromethane	20	20.4	ug/Kg	102			79	125	
	1,2-Dibromoethane	20	20.7	ug/Kg	104			80	125	
	Tetrachloroethene	20	21.1	ug/Kg	106			83	125	
	Chlorobenzene	20	20.5	ug/Kg	103			84	122	
	Ethyl Benzene	20	20.3	ug/Kg	102			82	124	
	m/p-Xylenes	40	40.6	ug/Kg	102			83	124	
	o-Xylene	20	19.9	ug/Kg	100			83	123	
	Styrene	20	19.8	ug/Kg	99			82	124	
	Bromoform	20	20.0	ug/Kg	100			75	127	
	Isopropylbenzene	20	21.0	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	20	20.9	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	20.2	ug/Kg	101			83	122	
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103			84	121	
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103			83	124	

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VY0523SBS01	1,2-Dibromo-3-Chloropropane	20	20.3	ug/Kg	102			66	134	
	1,2,4-Trichlorobenzene	20	19.3	ug/Kg	97			78	127	
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95			70	137	