

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2032

Client: CDM Smith

Analytical Method: SW8260D

Datafile : VY022331.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0520SBS01	Dichlorodifluoromethane	20	21.2	ug/Kg	106			64	136	
	Chloromethane	20	29.7	ug/Kg	149	*		70	130	
	Vinyl chloride	20	30.5	ug/Kg	153	*		72	129	
	Bromomethane	20	37.9	ug/Kg	190	*		58	141	
	Chloroethane	20	35.1	ug/Kg	175	*		69	130	
	Trichlorofluoromethane	20	28.6	ug/Kg	143	*		69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.4	ug/Kg	112			81	123	
	1,1-Dichloroethene	20	22.1	ug/Kg	111			79	121	
	Acetone	100	100	ug/Kg	100			60	131	
	Carbon disulfide	20	21.4	ug/Kg	107			45	154	
	Methyl tert-butyl Ether	20	22.0	ug/Kg	110			77	129	
	Methyl Acetate	20	21.2	ug/Kg	106			69	149	
	Methylene Chloride	20	20.1	ug/Kg	101			56	174	
	trans-1,2-Dichloroethene	20	21.6	ug/Kg	108			80	123	
	1,1-Dichloroethane	20	21.4	ug/Kg	107			82	123	
	Cyclohexane	20	20.6	ug/Kg	103			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	20.7	ug/Kg	104			76	129	
	cis-1,2-Dichloroethene	20	21.7	ug/Kg	109			82	123	
	Bromochloromethane	20	21.3	ug/Kg	106			80	127	
	Chloroform	20	22.3	ug/Kg	112			82	125	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			80	126	
	Methylcyclohexane	20	20.4	ug/Kg	102			77	123	
	Benzene	20	20.8	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	21.3	ug/Kg	106			81	126	
	Trichloroethene	20	20.6	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	20.4	ug/Kg	102			83	122	
	Bromodichloromethane	20	20.9	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	20.0	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	20	20.1	ug/Kg	101			78	124	
	cis-1,3-Dichloropropene	20	20.2	ug/Kg	101			81	122	
	1,1,2-Trichloroethane	20	21.1	ug/Kg	106			82	125	
	2-Hexanone	100	97.7	ug/Kg	98			66	138	
	Dibromochloromethane	20	20.4	ug/Kg	102			79	125	
	1,2-Dibromoethane	20	21.3	ug/Kg	106			80	125	
	Tetrachloroethene	20	21.6	ug/Kg	108			83	125	
	Chlorobenzene	20	20.5	ug/Kg	103			84	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	39.6	ug/Kg	99			83	124	
	o-Xylene	20	20.2	ug/Kg	101			83	123	
	Styrene	20	19.7	ug/Kg	99			82	124	
	Bromoform	20	20.7	ug/Kg	104			75	127	
	Isopropylbenzene	20	20.1	ug/Kg	101			82	124	
	1,1,2,2-Tetrachloroethane	20	20.7	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	19.3	ug/Kg	97			83	122	
	1,4-Dichlorobenzene	20	20.0	ug/Kg	100			84	121	
	1,2-Dichlorobenzene	20	19.9	ug/Kg	100			83	124	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0520SBS01	1,2-Dibromo-3-Chloropropane	20	22.0	ug/Kg	110			66	134	
	1,2,4-Trichlorobenzene	20	19.2	ug/Kg	96			78	127	
	1,2,3-Trichlorobenzene	20	19.0	ug/Kg	95			70	137	