

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3434

Analytical Method: SW8260D

Client: AECOM

Datafile : VY023561.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1024SBS01	Dichlorodifluoromethane	20	18.6	ug/Kg	93			64	136	
	Chloromethane	20	17.3	ug/Kg	86			52	151	
	Vinyl chloride	20	18.0	ug/Kg	90			56	148	
	Bromomethane	20	20.6	ug/Kg	103			58	141	
	Chloroethane	20	18.5	ug/Kg	93			69	130	
	Trichlorofluoromethane	20	19.0	ug/Kg	95			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/Kg	100			81	123	
	1,1-Dichloroethene	20	19.8	ug/Kg	99			79	121	
	Acetone	100	130	ug/Kg	130			40	171	
	Carbon disulfide	20	18.4	ug/Kg	92			59	130	
	Methyl tert-butyl Ether	20	20.0	ug/Kg	100			77	129	
	Methyl Acetate	20	17.2	ug/Kg	86			69	149	
	Methylene Chloride	20	18.5	ug/Kg	93			72	131	
	trans-1,2-Dichloroethene	20	20.1	ug/Kg	101			80	123	
	1,1-Dichloroethane	20	19.8	ug/Kg	99			82	123	
	Cyclohexane	20	18.3	ug/Kg	92			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	20.6	ug/Kg	103			76	129	
	cis-1,2-Dichloroethene	20	20.9	ug/Kg	104			82	123	
	Bromochloromethane	20	18.9	ug/Kg	95			80	127	
	Chloroform	20	20.4	ug/Kg	102			82	125	
	1,1,1-Trichloroethane	20	20.5	ug/Kg	103			80	126	
	Methylcyclohexane	20	20.0	ug/Kg	100			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	19.6	ug/Kg	98			81	126	
	Trichloroethene	20	21.4	ug/Kg	107			83	122	
	1,2-Dichloropropane	20	20.3	ug/Kg	102			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	96.4	ug/Kg	96			70	135	
	Toluene	20	21.3	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	20.6	ug/Kg	103			81	122	
	1,1,2-Trichloroethane	20	21.6	ug/Kg	108			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	21.3	ug/Kg	106			79	125	
	1,2-Dibromoethane	20	21.4	ug/Kg	107			80	125	
	Tetrachloroethene	20	20.6	ug/Kg	103			83	125	
	Chlorobenzene	20	20.9	ug/Kg	104			84	122	
	Ethyl Benzene	20	20.5	ug/Kg	103			82	124	
	m/p-Xylenes	40	42.3	ug/Kg	106			83	124	
	o-Xylene	20	21.1	ug/Kg	106			83	123	
	Styrene	20	20.9	ug/Kg	104			82	124	
	Bromoform	20	20.9	ug/Kg	104			75	127	
	Isopropylbenzene	20	20.6	ug/Kg	103			82	124	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			77	127	
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102			83	122	
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103			84	121	
	1,2-Dichlorobenzene	20	20.4	ug/Kg	102			83	124	

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VY1024SBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/Kg	96			66	134	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	19.6	ug/Kg	98			70	137	