

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1872

Client: Alliance Technical Group, LLC - Newark

Analytical Method: SW8260D

Datafile : VY022023.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY0428SBS01	Dichlorodifluoromethane	20	19.6	ug/Kg	98			64	136	
	Chloromethane	20	21.4	ug/Kg	107			70	130	
	Vinyl chloride	20	20.7	ug/Kg	104			72	129	
	Ethyl Acetate	20	18.8	ug/Kg	94			77	113	
	Isopropylacetate	20	18.6	ug/Kg	93			84	110	
	Bromomethane	20	21.9	ug/Kg	110			58	141	
	Chloroethane	20	21.3	ug/Kg	106			69	130	
	Tetrahydrofuran	100	91.2	ug/Kg	91			78	107	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/Kg	101			81	123	
	Tert butyl alcohol	100	92.7	ug/Kg	93			24	175	
	Diethyl Ether	20	18.9	ug/Kg	95			87	115	
	1,1-Dichloroethene	20	20.3	ug/Kg	102			79	121	
	Acrolein	100	78.2	ug/Kg	78			54	141	
	Acrylonitrile	100	94.1	ug/Kg	94			68	136	
	Acetone	100	88.8	ug/Kg	89			60	131	
	Carbon disulfide	20	20.2	ug/Kg	101			45	154	
	Methyl tert-butyl Ether	20	18.8	ug/Kg	94			77	129	
	Methyl Acetate	20	19.6	ug/Kg	98			69	149	
	Methylene Chloride	20	19.9	ug/Kg	100			56	174	
	trans-1,2-Dichloroethene	20	20.4	ug/Kg	102			80	123	
	Vinyl Acetate	100	94.9	ug/Kg	95			86	117	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			82	123	
	Cyclohexane	20	19.3	ug/Kg	97			76	122	
	2-Butanone	100	89.4	ug/Kg	89			69	131	
	Carbon Tetrachloride	20	20.9	ug/Kg	104			76	129	
	2,2-Dichloropropane	20	21.2	ug/Kg	106			62	143	
	cis-1,2-Dichloroethene	20	19.9	ug/Kg	100			82	123	
	Bromochloromethane	20	20.3	ug/Kg	102			80	127	
	Chloroform	20	21.0	ug/Kg	105			82	125	
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103			80	126	
	Methylcyclohexane	20	19.1	ug/Kg	96			77	123	
	1,1-Dichloropropene	20	20.0	ug/Kg	100			84	119	
	Benzene	20	21.0	ug/Kg	105			84	121	
	1,2-Dichloroethane	20	20.3	ug/Kg	102			81	126	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.3	ug/Kg	102			83	122	
	Dibromomethane	20	20.2	ug/Kg	101			83	119	
	Bromodichloromethane	20	21.0	ug/Kg	105			82	123	
	4-Methyl-2-Pentanone	100	92.8	ug/Kg	93			70	135	
	Methyl methacrylate	20	18.4	ug/Kg	92			77	121	
	Toluene	20	21.1	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	19.7	ug/Kg	99			78	124	
	cis-1,3-Dichloropropene	20	20.3	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	20.4	ug/Kg	102			82	125	
	1,3-Dichloropropane	20	20.1	ug/Kg	101			80	125	
	2-Chloroethyl vinyl ether	100	90.9	ug/Kg	91			36	195	
	2-Hexanone	100	89.9	ug/Kg	90			66	138	

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VY0428SBS01	Dibromochloromethane	20	20.5	ug/Kg	103			79	125	
	1,2-Dibromoethane	20	19.9	ug/Kg	100			80	125	
	Tetrachloroethene	20	21.1	ug/Kg	106			83	125	
	Chlorobenzene	20	20.5	ug/Kg	103			84	122	
	1,1,1,2-Tetrachloroethane	20	20.6	ug/Kg	103			84	123	
	Hexachloroethane	20	19.9	ug/Kg	100			76	121	
	Ethyl Benzene	20	20.0	ug/Kg	100			82	124	
	m/p-Xylenes	40	41.2	ug/Kg	103			83	124	
	o-Xylene	20	20.2	ug/Kg	101			83	123	
	Styrene	20	20.2	ug/Kg	101			82	124	
	Bromoform	20	20.4	ug/Kg	102			75	127	
	Isopropylbenzene	20	19.5	ug/Kg	98			82	124	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/Kg	96			77	127	
	1,2,3-Trichloropropane	20	18.4	ug/Kg	92			58	144	
	Bromobenzene	20	20.1	ug/Kg	101			83	120	
	N-propylbenzene	20	20.0	ug/Kg	100			81	123	
	2-Chlorotoluene	20	20.1	ug/Kg	101			84	118	
	1,3,5-Trimethylbenzene	20	20.0	ug/Kg	100			82	124	
	4-Chlorotoluene	20	20.6	ug/Kg	103			82	122	
	tert-Butylbenzene	20	19.5	ug/Kg	98			81	125	
	1,2,4-Trimethylbenzene	20	20.0	ug/Kg	100			81	125	
	Sec-butylbenzene	20	19.7	ug/Kg	99			80	124	
	p-Isopropyltoluene	20	19.8	ug/Kg	99			81	125	
	1,3-Dichlorobenzene	20	20.1	ug/Kg	101			83	122	
	1,4-Dichlorobenzene	20	20.0	ug/Kg	100			84	121	
	n-Butylbenzene	20	18.9	ug/Kg	95			78	126	
	1,2-Dichlorobenzene	20	19.9	ug/Kg	100			83	124	
	1,2-Dibromo-3-Chloropropane	20	16.7	ug/Kg	84			66	134	
	1,2,4-Trichlorobenzene	20	18.5	ug/Kg	93			78	127	
	Hexachlorobutadiene	20	19.8	ug/Kg	99			80	123	
	Naphthalene	20	16.3	ug/Kg	81			70	134	
	1,2,3-Trichlorobenzene	20	18.4	ug/Kg	92			70	137	
	N-amyl acetate	20	17.0	ug/Kg	85			85	115	
	Methyl iodide	20	19.7	ug/Kg	99			57	135	
	Allyl chloride	20	19.7	ug/Kg	99			89	113	
	Methacrylonitrile	20	17.9	ug/Kg	90			75	120	
	trans-1,4-Dichloro-2-butene	20	18.4	ug/Kg	92			74	115	
	Diisopropyl ether	20	20.5	ug/Kg	103			88	125	
	1,4-Dioxane	400	380	ug/Kg	95			61	144	