

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3483</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>Alliance Technical Group, LLC - New</u>	Datafile :	<u>VY023695.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1106SBSD01	Dichlorodifluoromethane	20	22.5	ug/Kg	113	3		64	136	20
	Chloromethane	20	22.4	ug/Kg	112	5		52	151	20
	Vinyl chloride	20	21.3	ug/Kg	106	3		56	148	20
	Ethyl Acetate	20	21.5	ug/Kg	108	2		77	113	20
	Isopropylacetate	20	21.5	ug/Kg	108	5		84	110	20
	Bromomethane	20	21.1	ug/Kg	106	1		58	141	20
	Chloroethane	20	21.4	ug/Kg	107	5		69	130	20
	Tetrahydrofuran	100	110	ug/Kg	110	0	*	78	107	20
	Trichlorofluoromethane	20	20.7	ug/Kg	104	1		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/Kg	104	0		81	123	20
	Tert butyl alcohol	100	140	ug/Kg	140	7		24	175	20
	Diethyl Ether	20	21.7	ug/Kg	109	7		87	115	20
	1,1-Dichloroethene	20	20.6	ug/Kg	103	1		79	121	20
	Acrolein	100	110	ug/Kg	110	0		54	141	20
	Acrylonitrile	100	110	ug/Kg	110	0		68	136	20
	Acetone	100	120	ug/Kg	120	0		40	171	20
	Carbon disulfide	20	21.5	ug/Kg	108	3		59	130	20
	Methyl tert-butyl Ether	20	21.4	ug/Kg	107	5		77	129	20
	Methyl Acetate	20	21.3	ug/Kg	106	0		69	149	20
	Methylene Chloride	20	23.3	ug/Kg	117	6		72	131	20
	trans-1,2-Dichloroethene	20	20.8	ug/Kg	104	0		80	123	20
	Vinyl Acetate	100	110	ug/Kg	110	0		86	117	20
	1,1-Dichloroethane	20	21.3	ug/Kg	106	2		82	123	20
	Cyclohexane	20	21.1	ug/Kg	106	2		76	122	20
	2-Butanone	100	120	ug/Kg	120	9		69	131	20
	Carbon Tetrachloride	20	20.2	ug/Kg	101	2		76	129	20
	2,2-Dichloropropane	20	21.5	ug/Kg	108	3		62	143	20
	cis-1,2-Dichloroethene	20	21.3	ug/Kg	106	5		82	123	20
	Bromochloromethane	20	22.4	ug/Kg	112	5		80	127	20
	Chloroform	20	21.3	ug/Kg	106	3		82	125	20
	1,1,1-Trichloroethane	20	21.0	ug/Kg	105	3		80	126	20
	Methylcyclohexane	20	20.1	ug/Kg	101	2		77	123	20
	1,1-Dichloropropene	20	20.6	ug/Kg	103	1		84	119	20
	Benzene	20	21.2	ug/Kg	106	3		84	121	20
	1,2-Dichloroethane	20	21.4	ug/Kg	107	3		81	126	20
	Trichloroethene	20	20.6	ug/Kg	103	3		83	122	20
	1,2-Dichloropropane	20	21.3	ug/Kg	106	2		83	122	20
	Dibromomethane	20	21.1	ug/Kg	106	2		83	119	20
	Bromodichloromethane	20	21.3	ug/Kg	106	2		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		70	135	20
	Methyl methacrylate	20	20.8	ug/Kg	104	1		77	121	20
	Toluene	20	21.1	ug/Kg	106	2		83	122	20
	t-1,3-Dichloropropene	20	21.3	ug/Kg	106	4		78	124	20
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105	2		81	122	20
	1,1,2-Trichloroethane	20	21.3	ug/Kg	106	2		82	125	20
	1,3-Dichloropropane	20	21.5	ug/Kg	108	5		80	125	20
	2-Chloroethyl vinyl ether	100	100	ug/Kg	100	1		36	195	20
	2-Hexanone	100	110	ug/Kg	110	0		66	138	20

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1106SBSD01	Dibromochloromethane	20	20.6	ug/Kg	103	2		79	125	20
	1,2-Dibromoethane	20	21.3	ug/Kg	106	2		80	125	20
	Tetrachloroethene	20	20.1	ug/Kg	101	2		83	125	20
	Chlorobenzene	20	20.4	ug/Kg	102	2		84	122	20
	1,1,1,2-Tetrachloroethane	20	20.5	ug/Kg	103	4		84	123	20
	Hexachloroethane	20	20.6	ug/Kg	103	7		76	121	20
	Ethyl Benzene	20	20.5	ug/Kg	103	3		82	124	20
	m/p-Xylenes	40	41.2	ug/Kg	103	3		83	124	20
	o-Xylene	20	20.1	ug/Kg	101	3		83	123	20
	Styrene	20	20.6	ug/Kg	103	4		82	124	20
	Bromoform	20	21.0	ug/Kg	105	5		75	127	20
	Isopropylbenzene	20	20.4	ug/Kg	102	4		82	124	20
	1,1,2,2-Tetrachloroethane	20	21.6	ug/Kg	108	5		77	127	20
	1,2,3-Trichloropropane	20	20.8	ug/Kg	104	1		58	144	20
	Bromobenzene	20	20.5	ug/Kg	103	6		83	120	20
	N-propylbenzene	20	20.9	ug/Kg	104	3		81	123	20
	2-Chlorotoluene	20	20.7	ug/Kg	104	4		84	118	20
	1,3,5-Trimethylbenzene	20	20.9	ug/Kg	104	3		82	124	20
	4-Chlorotoluene	20	20.9	ug/Kg	104	2		82	122	20
	tert-Butylbenzene	20	19.9	ug/Kg	100	2		81	125	20
	1,2,4-Trimethylbenzene	20	21.1	ug/Kg	106	5		81	125	20
	Sec-butylbenzene	20	20.4	ug/Kg	102	2		80	124	20
	p-Isopropyltoluene	20	20.4	ug/Kg	102	3		81	125	20
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103	5		83	122	20
	1,4-Dichlorobenzene	20	20.4	ug/Kg	102	5		84	121	20
	n-Butylbenzene	20	20.4	ug/Kg	102	4		78	126	20
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103	4		83	124	20
	1,2-Dibromo-3-Chloropropane	20	20.8	ug/Kg	104	4		66	134	20
	1,2,4-Trichlorobenzene	20	20.4	ug/Kg	102	7		78	127	20
	Hexachlorobutadiene	20	20.0	ug/Kg	100	5		80	123	20
	Naphthalene	20	20.5	ug/Kg	103	7		70	134	20
	1,2,3-Trichlorobenzene	20	20.7	ug/Kg	104	6		70	137	20
	N-amyl acetate	20	20.7	ug/Kg	104	8		85	115	20
	Methyl iodide	20	19.6	ug/Kg	98	7		57	135	20
	Allyl chloride	20	22.0	ug/Kg	110	6		89	113	20
	Methacrylonitrile	20	17.8	ug/Kg	89	6		75	120	20
	trans-1,4-Dichloro-2-butene	20	20.9	ug/Kg	104	8		74	115	20
	Diisopropyl ether	20	22.5	ug/Kg	113	5		88	125	20
	1,4-Dioxane	400	420	ug/Kg	105	2		61	144	20