284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1872

Client: Alliance Technical Group, LLC - Newark

Analytical Method: SW8260D **Datafile :** VY022024.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0428SBSD01	Dichlorodifluoromethane	20	19.3	ug/Kg	97	1		64	136	20
	Chloromethane	20	20.5	ug/Kg	103	4		70	130	20
	Vinyl chloride	20	19.7	ug/Kg	99	5		72	129	20
	Ethyl Acetate	20	20.2	ug/Kg	101	7		77	113	20
	Isopropylacetate	20	19.4	ug/Kg	97	4		84	110	20
	Bromomethane	20	20.2	ug/Kg	101	9		58	141	20
	Chloroethane	20	19.3	ug/Kg	97	9		69	130	20
	Tetrahydrofuran	100	95.0	ug/Kg	95	4		78	107	20
	Trichlorofluoromethane	20	19.5	ug/Kg	98	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/Kg	100	1		81	123	20
	Tert butyl alcohol	100	94.5	ug/Kg	95	2		24	175	20
	Diethyl Ether	20	18.7	ug/Kg	94	1		87	115	20
	1,1-Dichloroethene	20	19.6	ug/Kg	98	4		79	121	20
	Acrolein	100	80.4	ug/Kg	80	3		54	141	20
	Acrylonitrile	100	94.6	ug/Kg	95	1		68	136	20
	Acetone	100	91.7	ug/Kg	92	3		60	131	20
	Carbon disulfide	20	19.6	ug/Kg	98	3		45	154	20
	Methyl tert-butyl Ether	20	19.0	ug/Kg	95	1		77	129	20
	Methyl Acetate	20	20.4	ug/Kg	102	4		69	149	20
	Methylene Chloride	20	19.6	ug/Kg	98	2		56	174	20
	trans-1,2-Dichloroethene	20	20.0	ug/Kg	100	2		80	123	20
	Vinyl Acetate	100	95.9	ug/Kg	96	1		86	117	20
	1,1-Dichloroethane	20	19.7	ug/Kg	99	4		82	123	20
	Cyclohexane	20	18.8	ug/Kg	94	3		76	122	20
	2-Butanone	100	91.2	ug/Kg	91	2		69	131	20
	Carbon Tetrachloride	20	19.8	ug/Kg	99	5		76	129	20
	2,2-Dichloropropane	20	20.1	ug/Kg	101	5		62	143	20
	cis-1,2-Dichloroethene	20	19.6	ug/Kg	98	2		82	123	20
	Bromochloromethane	20	19.3	ug/Kg	97	5		80	127	20
	Chloroform	20	20.5	ug/Kg	103	2		82	125	20
	1,1,1-Trichloroethane	20	20.2	ug/Kg	101	2		80	126	20
	Methylcyclohexane	20	18.6	ug/Kg	93	3		77	123	20
	1,1-Dichloropropene	20	20.3	ug/Kg	102	2		84	119	20
	Benzene	20	20.4	ug/Kg	102	3		84	121	20
	1,2-Dichloroethane	20	20.6	ug/Kg	103	1		81	126	20
	Trichloroethene	20	20.5	ug/Kg	103	1		83	122	20
	1,2-Dichloropropane	20	20.2	ug/Kg	101	1		83	122	20
	Dibromomethane	20	20.4	ug/Kg	102	1		83	119	20
	Bromodichloromethane	20	20.5	ug/Kg	103	2		82	123	20
	4-Methyl-2-Pentanone	100	96.4	ug/Kg	96	3		70	135	20
	Methyl methacrylate	20	18.7	ug/Kg	94	2		77	121	20
	Toluene	20	20.7	ug/Kg	104	2		83	122	20
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100	1		78	124	20
	cis-1,3-Dichloropropene	20	20.1	ug/Kg	101	1		81	122	20
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105	3		82	125	20
	1,3-Dichloropropane	20	20.1	ug/Kg	101	0		80	125	20
	2-Chloroethyl vinyl ether	100	95.4	ug/Kg	95	4		36	195	20
	2-Hexanone	100	95.4	ug/Kg	95	5		66	138	20

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Analytical Method: SW8260D **Datafile :** VY022024.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0428SBSD01	Dibromochloromethane	20	20.3	ug/Kg	102	1		79	125	20
	1,2-Dibromoethane	20	20.7	ug/Kg	104	4		80	125	20
	Tetrachloroethene	20	20.5	ug/Kg	103	3		83	125	20
	Chlorobenzene	20	19.9	ug/Kg	100	3		84	122	20
	1,1,1,2-Tetrachloroethane	20	20.6	ug/Kg	103	0		84	123	20
	Hexachloroethane	20	19.6	ug/Kg	98	2		76	121	20
	Ethyl Benzene	20	19.7	ug/Kg	99	1		82	124	20
	m/p-Xylenes	40	40.4	ug/Kg	101	2		83	124	20
	o-Xylene	20	19.9	ug/Kg	100	1		83	123	20
	Styrene	20	20.2	ug/Kg	101	0		82	124	20
	Bromoform	20	20.6	ug/Kg	103	1		75	127	20
	Isopropylbenzene	20	19.5	ug/Kg	98	0		82	124	20
	1,1,2,2-Tetrachloroethane	20	19.7	ug/Kg	99	3		77	127	20
	1,2,3-Trichloropropane	20	18.8	ug/Kg	94	2		58	144	20
	Bromobenzene	20	20.4	ug/Kg	102	1		83	120	20
	N-propylbenzene	20	19.8	ug/Kg	99	1		81	123	20
	2-Chlorotoluene	20	19.8	ug/Kg	99	2		84	118	20
	1,3,5-Trimethylbenzene	20	19.8	ug/Kg	99	1		82	124	20
	4-Chlorotoluene	20	20.3	ug/Kg	102	1		82	122	20
	tert-Butylbenzene	20	19.4	ug/Kg	97	1		81	125	20
	1,2,4-Trimethylbenzene	20	20.0	ug/Kg	100	0		81	125	20
	Sec-butylbenzene	20	19.6	ug/Kg	98	1		80	124	20
	p-Isopropyltoluene	20	19.8	ug/Kg	99	0		81	125	20
	1,3-Dichlorobenzene	20	20.0	ug/Kg	100	1		83	122	20
	1,4-Dichlorobenzene	20	20.4	ug/Kg	102	2		84	121	20
	n-Butylbenzene	20	19.0	ug/Kg	95	0		78	126	20
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101	1		83	124	20
	1,2-Dibromo-3-Chloropropane	20	19.2	ug/Kg	96	13		66	134	20
	1,2,4-Trichlorobenzene	20	19.3	ug/Kg	97	4		78	127	20
	Hexachlorobutadiene	20	20.2	ug/Kg	101	2		80	123	20
	Naphthalene	20	17.7	ug/Kg	89	9		70	134	20
	1,2,3-Trichlorobenzene	20	19.5	ug/Kg	98	6		70	137	20
	N-amyl acetate	20	18.0	ug/Kg	90	6		85	115	20
	Methyl iodide	20	20.0	ug/Kg	100	1		57	135	20
	Allyl chloride	20	19.0	ug/Kg	95	4		89	113	20
	Methacrylonitrile	20	18.4	ug/Kg	92	2		75	120	20
	trans-1,4-Dichloro-2-butene	20	19.0	ug/Kg	95	3		74	115	20
	Diisopropyl ether	20	19.8	ug/Kg	99	4		88	125	20
	1,4-Dioxane	400	400	ug/Kg	100	5		61	144	20