

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4663

Client: Union Paving & Construction Company

Analytical Method: SW8260D

Datafile : VY020111.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1101SBS01	Dichlorodifluoromethane	20	20.9	ug/Kg	104			40 (64)	160 (136)	
	Chloromethane	20	22.1	ug/Kg	111			40 (70)	160 (130)	
	Vinyl chloride	20	21.4	ug/Kg	107			70 (72)	130 (129)	
	Bromomethane	20	21.3	ug/Kg	106			40 (58)	160 (141)	
	Chloroethane	20	22.2	ug/Kg	111			40 (69)	160 (130)	
	Trichlorofluoromethane	20	22.2	ug/Kg	111			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.0	ug/Kg	105			70 (81)	130 (123)	
	1,1-Dichloroethene	20	21.3	ug/Kg	106			70 (79)	130 (121)	
	Acetone	100	100	ug/Kg	100			40 (60)	160 (131)	
	Carbon disulfide	20	21.0	ug/Kg	105			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	22.1	ug/Kg	111			70 (77)	130 (129)	
	Methyl Acetate	20	22.3	ug/Kg	112			70 (69)	130 (149)	
	Methylene Chloride	20	20.8	ug/Kg	104			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	21.2	ug/Kg	106			70 (80)	130 (123)	
	1,1-Dichloroethane	20	22.3	ug/Kg	112			70 (82)	130 (123)	
	Cyclohexane	20	20.5	ug/Kg	103			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.3	ug/Kg	102			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	21.9	ug/Kg	110			70 (82)	130 (123)	
	Bromochloromethane	20	21.5	ug/Kg	108			70 (80)	130 (127)	
	Chloroform	20	21.9	ug/Kg	110			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	21.5	ug/Kg	108			70 (80)	130 (126)	
	Methylcyclohexane	20	19.8	ug/Kg	99			70 (77)	130 (123)	
	Benzene	20	21.0	ug/Kg	105			70 (84)	130 (121)	
	1,2-Dichloroethane	20	21.2	ug/Kg	106			70 (81)	130 (126)	
	Trichloroethene	20	20.7	ug/Kg	104			70 (83)	130 (122)	
	1,2-Dichloropropane	20	21.1	ug/Kg	106			70 (83)	130 (122)	
	Bromodichloromethane	20	21.7	ug/Kg	109			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			40 (70)	160 (135)	
	Toluene	20	21.1	ug/Kg	106			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	20.6	ug/Kg	103			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	21.3	ug/Kg	106			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.9	ug/Kg	104			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	21.1	ug/Kg	106			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.7	ug/Kg	104			70 (80)	130 (125)	
	Tetrachloroethene	20	20.5	ug/Kg	103			70 (83)	130 (125)	
	Chlorobenzene	20	20.9	ug/Kg	104			70 (84)	130 (122)	
	Ethyl Benzene	20	20.4	ug/Kg	102			70 (82)	130 (124)	
	m/p-Xylenes	40	41.6	ug/Kg	104			70 (83)	130 (124)	
	o-Xylene	20	20.1	ug/Kg	101			70 (83)	130 (123)	
	Styrene	20	20.8	ug/Kg	104			70 (82)	130 (124)	
	Bromoform	20	20.5	ug/Kg	103			70 (75)	130 (127)	
	Isopropylbenzene	20	20.2	ug/Kg	101			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/Kg	101			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	20.7	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104			70 (83)	130 (124)	

() = LABORATORY INHOUSE LIMIT

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Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VY1101SBS01	1,2-Dibromo-3-Chloropropane	20	18.9	ug/Kg	95			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.5	ug/Kg	98			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	18.8	ug/Kg	94			70 (70)	130 (137)	