



7/7/2010

Analytical Method Information

Pyrethroids_Water GCMS-SIM in Water (GC/MS NCI-SIM)								
Preservation: <6°C			Hold Time:21 days					
Container: 1 L Amber Glass			Amount Required:2000 ml					
Analyte	MDL	Reporting Limit	Surrogate % R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					% R	RPD	% R	RPD
Allethrin	0.85	2.0 ng/l			48 - 156	30	48 - 156	30
Bifenthrin	0.79	2.0 ng/l			25 - 191	30	25 - 191	30
Cyfluthrin	0.83	2.0 ng/l			37 - 169	30	37 - 169	30
Cypermethrin	0.66	2.0 ng/l			29 - 178	30	29 - 178	30
Deltamethrin	1.9	2.0 ng/l			35 - 137	30	35 - 137	30
Dichloran	0.80	2.0 ng/l			53 - 164	30	53 - 164	30
Esfenvalerate	0.98	2.0 ng/l						
Fenvalerate	0.98	2.0 ng/l			31 - 178	30	31 - 178	30
L-Cyhalothrin	1.2	2.0 ng/l			38 - 182	30	38 - 182	30
Pendimethalin	0.50	2.0 ng/l			52 - 145	30	52 - 145	30
Permethrin	5.0	5.0 ng/l			59 - 148	30	59 - 148	30
Prallethrin	0.92	2.0 ng/l			54 - 148	30	54 - 148	30
Sumithrin	2.4	10 ng/l			56 - 146	30	56 - 146	30
Tefluthrin	0.93	2.0 ng/l			38 - 195	30	38 - 195	30
Tralomethrin	1.9	2.0 ng/l						



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Analytical Method Information

Pyrethroids_Solid GCMS-SIM in Soil (GC/MS NCI-SIM)								
Preservation: <6°C			Hold Time:21 days					
Container: 4 oz. Jar			Amount Required:100 g					
Analyte	MDL	Reporting Limit	Surrogate % R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					% R	RPD	% R	RPD
surr: Triphenyl phosphate			70 - 130					
Allethrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Bifenthrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Cyfluthrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Cypermethrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Deltamethrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Dichloran	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Fenvalerate	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
L-Cyhalothrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Pendimethalin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Permethrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Prallethrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Sumithrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30
Tefluthrin	0.50	0.50 ug/kg			30 - 200	30	50 - 150	30