TABLE 2. SINGLE LABORATORY ACCURACY AND PRECISION FOR ANALYTES FROM REAGENT WATER AND SYNTHETIC GROUNDWATERS[a]

Analyte	Fortified Conc. µg/L	Reagent Water		Synthetic Water 1[d]		Synthetic Water 2[e]	
		R[b]	S_r[c]	R	S_R	R	S_R
Aldrin	0.15	86	9.5	100	11.0	69	9.0
Chlordane-alpha	0.15	99	11.9	96	12.5	99	7.9
Chlordane-gamma	0.15	99	11.9	96	12.5	99	6.9
Chlorneb	5.0	97	11.6	95	6.7	75	8.3
Chlorobenzilate	10	108	5.4	98	10.8	102	9.2
Chlorthalonil	0.25	91	8.2	103	10.3	71	9.2
DCPA	0.25	103	12.4	100	13.0	101	6.1
4,4'-DDD	0.25	107	6.4	96	8.6	101	7.1
4,4'-DDE	0.10	99	11.9	96	12.5	99	6.9
4,4'-DDT	0.60	112	16.8	98	11.8	84	8.4
Dieldrin	0.20	87	8.7	103	9.3	82	7.4
Endosulfan I	0.15	87	8.7	102	8.2	84	12.2
Endosulfan Sulfate	0.15	102	15.3	94	1.3	72	9.4
Endrin	0.15	88	8.8	98	9.8	104	9.2
Endrin Aldehyde	0.25	88	7.9	103	11.3	84	6.8
Endosulfan II	0.15	92	10.1	98	10.8	76	3.9
Etridiazole	0.25	103	6.2	91	6.4	98	7.7
HCH-alpha	0.05	92	10.1	106	7.4	86	6.0
HCH-beta	0.10	95	6.7	92	5.5	100	6.2
HCH-delta	0.10	102	11.2	99	11.9	103	7.7
HCH-gamma	0.15	89	9.8	115	6.9	85	7.7
Heptachlor	0.10	98	11.8	85	11.1	85	9.8
Heptachlor Epoxide	0.15	87	8.7	103	7.2	82	4.8
Hexachlorobenzene	0.05	99	21.8	82	9.8	68	6.2
Methoxychlor	0.5	105	13.7	101	10.1	104	9.5
cis-Permethrin	5.0	91	9.1	96	11.5	86	7.1
trans-Permethrin	5.0	111	6.7	97	9.7	102	7.6
Propachlor	5.0	103	9.3	116	4.6	95	9.6
Trifluralin	0.25	103	5.2	86	10.3	87	

[a]Data corrected for amount detected in blank and represent the mean of seven to eight samples.
[b]R = average percent recovery.
[c]S_R = standard deviation of the percent recovery.
[d]Corrected for amount found in blank; Absopure Nature Artesian Spring Water Obtained from the Absopure Water Company in Plymouth, Michigan.
[e]Corrected for amount found in blank; reagent water fortified with fulvic acid at the 1 mg/L concentration level. A well-characterized fulvic acid, available from the International Humic Substances Society (associated with the United States Geological Survey in Denver, Colorado), was used.