

Table 5. Mean recovery of chloroacetanilide herbicide metabolites in ground-water samples using high-performance liquid chromatography-diode array detection

[$\mu\text{g/L}$, micrograms per liter; RSD, relative standard deviation; ESA, ethanesulfonic acid; OXA, oxanilic acid]

Metabolite	Ground water					
	Seven replicate samples spiked at 0.25 $\mu\text{g/L}$		Seven replicate samples spiked at 0.50 $\mu\text{g/L}$		Seven replicate samples spiked at 2.0 $\mu\text{g/L}$	
	Mean recovery (percent)	RSD (percent)	Mean recovery (percent)	RSD (percent)	Mean recovery (percent)	RSD (percent)
Acetochlor ESA	105	18	107	8.4	102	3.8
Acetochlor OXA	87	15	95	7.8	99	5.3
Alachlor ESA	103	9.3	98	4.6	103	3.2
Alachlor OXA	88	13	94	6.9	94	4.8
Metolachlor ESA	102	12	103	5.0	98	4.1
Metolachlor OXA	104	16	100	4.8	100	3.5