

**Table 4.** Mean recovery of chloroacetanilide herbicide metabolites in surface-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	Surface 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	100	16	104	8.0	100	5.4
Acetochlor OXA	84	14	94	7.0	100	4.9
Alachlor ESA	104	8.9	98	3.4	105	4.4
Alachlor OXA	92	14	96	7.4	100	6.3
Metolachlor ESA	108	12	102	4.9	105	4.6
Metolachlor OXA	108	16	100	3.5	100	5.7