

**Table A4D.** Quality-control summary of replicate analyses of constituents of special interest and radioactive constituents detected in samples collected for the Southern Sierra Groundwater Ambient Monitoring and Assessment (GAMA) study, California, June 2006.

[RSD, percent relative standard deviation; µg/L, microgram per liter; pCi/L, picocuries per liter]

Constituent	Number of RSDs greater than zero/ number of replicates	Maximum RSD (percent)	Median RSD (percent)	Concentrations for replicates with RSD greater than zero (environmental/ replicate)
Constituents of special interest (µg/L)				
Perchlorate	2/5	19	0	(0.70, 0.92), (0.77,0.69)
1,2,3-Trichloropropane (1,2,3-TCP)	0/3	0	0	
Radioactive constituents (pCi/L)				
Radon-222	1/1	6.8	6.8	(286, 315)
Tritium	1/2	22	11	(1.9, 2.6)