Table 6. Quality-control summary for constituents detected in field blanks and ground-water samples collected for the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005.

[The five digit USGS parameter code is used in the USGS's computerized data system, the National Water Information System, to uniquely identify a specific constituent or property. GAMA, Ground-Water Ambient Monitoring and Assessment; GC/MS, gas chromatography/mass spectrometry; mg/L, milligram per liter; N, nitrogen; na, not available; NPR, National Research Program (USGS); USGS, U.S. Geological Survey; µg/L, microgram per liter]

Constituent	USGS parameter code	Reporting level	Censoring level	Censored sample groups	Minimum detection in ground water in this study	Maximum detection in a field blank
Volatile organic compounds and gasoline oxygenates						
1,3- and 1,4-Dimethylbenzene, µg/L	85795	0.060	1.165	slow, depth dependent	0.03	1.15
Toluene, µg/L	34010	0.020	0.695	all	0.02	0.69
Tentatively identified organic compounds[1]						
Hexafluoropropene, µg/L	na	0.1	all	depth dependent	0.3	0.3
Pesticide compounds						
Benfluralin, µg/L	82673	0.01	0.01	all	0.007	0.006
DCPA, µg/L	82682	0.003	0.003	all	0.002	0.002
Trifluralin, µg/L	82661	0.009	0.007	all	0.006	0.005
Trace elements						
Antimony, µg/L	01095	0.2	0.2	depth dependent	0.1	0.1
Cadmium, µg/L	01025	0.04	0.07	slow	0.02	0.05
Chromium(Total), µg/L, NRP	01030	0.1	8.4	all	0.7	8.4
Chromium(VI), µg/L	01032	0.1	8.2	all	0.5	8.2
Fluoride, mg/L	00950	0.1	0.4	depth dependent	0.06	0.35
Lead, µg/L	01049	0.08	15.4	all	0.04	15.4
Nutrients and dissolved organic carbon						
Dissolved organic carbon, mg/L	00681	0.33	0.56	all	0.2	0.4
Nitrogen(Total), mg/L as N	62854	0.06	0.09	depth dependent	0.06	0.06

[1]Tentatively identified organic compounds (TIOCs) are based on comparison with the National Institute for Standards and Technology's (NIST) library spectra and examination by a GC/MS analyst. Reported concentrations are approximate.