

Table 5. Summary of surrogate compound recoveries for ground-water and quality assurance analyses of volatile organic compounds, gasoline oxygenates, pesticides and pesticide degradates, and special interest compound samples collected for the Southern Sacramento Valley Ground-Water Ambient Monitoring and Assessment (GAMA) study unit, California, 2005.

[GAMA, Ground-Water Ambient Monitoring and Assessment]

Constituent	Constituent group	Number of analyses	Number of surrogate recoveries below 70 percent	Number of surrogate recoveries above 130 percent	Median recovery (percent)
1-Bromo-4-fluorobenzene	Volatile organic compounds	120	3	0	94
1,2-Dichloroethane-d4	Volatile organic compounds	120	0	6	102
Toluene-d8	Volatile organic compounds	120	0	0	99
1-Bromo-4-fluorobenzene	Gasoline oxygenates	36	0	0	103
1,2-Dichloroethane-d4	Gasoline oxygenates	36	0	0	105
Toluene-d8	Gasoline oxygenates	36	0	0	96
Barban	Pesticide compounds	55	5	1	88
Caffeine-13C	Pesticide compounds	55	1	26	130
Diazinon-d10	Pesticide compounds	101	4	0	92
α -HCH-d6	Pesticide compounds	101	0	0	99
2,4,5-T	Pesticide compounds	55	3	1	96
¹ N-Nitrosodimethylamine D-6	Special interest, <i>N</i> -Nitrosodimethylamine	59	9	0	88
¹ Toluene-d8	Special interest, 1,2,3-trichloropropane	59	0	0	100

¹Compound analyzed at Montgomery Watson Harza Laboratory