

Table 16B. Quality-control analytical cartridge spike results for volatile organic compounds with low breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 32414117001601. Values are given in percent recovered. Samples were analyzed at 20 degrees Celsius and 760 torr. Many samples were frozen at the laboratory and analyzed on the same day. Sample volume spike is 1.5 liters. Data for travel blanks and environmental samples collected on 10/27/2000 were not used because samples were contaminated during transport. mmddyyyy. month/day/year. *, sample data lost; NA, not analyzed]

Sampling date (mm/dd/yyyy)	Spike analysis date (mm/dd/yyyy)	Dichloro-difluoro-methane (CFC-12)	Chloromethane	Chloroethene (vinyl chloride)	Bromomethane	Chloroethane	Bromoethene (vinyl bromide)	1,1,2-Tri-chloro-1,2,2-tri-fluoro-ethane (CFC-113)
10/02/1999	10/07/1999	103.1	109.7	108.0	NA	100.2	104.2	100.5
10/13/1999	10/21/1999	102.8	90.3	115.1	NA	106.6	115.2	100.9
10/26/1999	10/28/1999	108.7	87.8	97.5	NA	113.8	102.8	109.0
11/07/1999	11/15/1999	97.8	135.7	101.9	NA	126.2	103.4	98.8
11/19/1999	11/29/1999	96.3	143.0	104.8	NA	120.0	106.5	94.9
12/13/1999	12/16/1999	97.5	83.0	94.7	NA	95.2	100.0	94.9
12/25/1999, 01/06/2000	01/13/2000	104.6	93.6	112.1	NA	106.3	111.9	101.6
01/18/2000	01/24/2000	NA	NA	NA	NA	NA	NA	NA
01/30/2000	02/03/2000	96.0	133.4	95.7	93.5	NA	118.0	104.0
02/11/2000	02/17/2000	98.2	81.1	97.2	70.1	85.4	102.6	97.6
03/18/2000	03/23/2000	102.1	130.3	114.4	130.8	105.9	109.1	101.9
04/11/2000, 04/23/2000	04/25/2000	103.7	98.2	112.0	79.1	101.9	103.1	103.9
05/05/2000, 05/17/2000	05/18/2000	106.2	138.9	126.7	NA	128.2	118.5	107.8
05/29/2000, 06/10/2000	06/12/2000	106.9	113.6	112.2	59.3	104.2	114.0	102.0
06/29/2000, 07/11/2000	07/17/2000	87.4	114.0	75.3	53.9	78.7	85.3	91.6
07/23/2000, 08/04/2000	08/07/2000	94.4	121.0	105.1	18.7	124.2	112.2	103.1
08/16/2000, 08/29/2000, 09/09/2000	09/19/2000	113.3	89.3	110.0	NA	77.2	111.9	120.9
09/21/2000, 10/03/2000	10/12/2000	99.1	75.9	75.8	NA	84.2	91.9	104.5
11/08/2000	11/16/2000	107.7	124.3	110.7	NA	82.1	103.8	113.7
11/20/2000, * 12/02/2000*	12/07/2000*	NA	NA	NA	NA	NA	NA	NA
12/14/2000	12/20/2000	117.0	133.1	127.6	NA	106.8	113.0	115.5
12/26/2000, 01/07/2001	01/12/2001	91.8	95.5	123.4	NA	119.7	130.2	116.9
01/19/2001, 01/31/2001	02/06/2001	112.5	77.7	103.6	NA	93.5	107.5	103.4
02/12/2001, 02/24/2001	03/05/2001	99.6	127.4	112.2	NA	128.3	117.4	112.9

Table 16B. Quality-control analytical cartridge spike results for volatile organic compounds with low breakthrough volumes for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

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Sampling date (mm/dd/yyyy)	Spike analysis date (mm/dd/yyyy)	Dichloro-difluoromethane (CFC-12)	Chloromethane	Chloroethene (vinyl chloride)	Bromomethane	Chloroethane	Bromoethene (vinyl bromide)	1,1,2-Tri-chloro-1,2,2-trifluoroethane (CFC-113)
03/08/2001, 03/20/2001	03/26/2001	71.1	71.3	86.1	NA	73.8	100.1	86.0
04/01/2001, 04/13/2001	04/24/2001	114.9	97.4	126.1	NA	112.3	124.9	120.1
04/25/2001, 05/07/2001	05/10/2001	87.7	128.9	112.4	NA	97.7	107.5	104.9
05/07/2001	05/10/2001	87.7	128.9	112.4	NA	97.7	107.5	104.9
5/19/2001, 05/31/2001	06/07/2001	125.0	107.7	122.3	NA	112.3	126.0	120.5
6/12/2001, 06/24/2001	06/28/2001	92.2	78.2	75.3	NA	128.4	81.4	94.4
07/05/2001	07/24/2001	105.9	83.2	98.0	NA	82.5	112.7	119.5
07/16/2001	08/09/2001	95.2	126.7	102.7	NA	95.8	112.4	104.6
08/08/2001	08/21/2001	102.6	70.2	84.4	NA	94.5	86.7	100.1
08/23/2001	09/12/2001	93.3	132.0	97.0	NA	115.8	96.8	99.6
9/16/2001, 09/28/2001	10/10/2001	114.6	123.7	105.4	NA	116.2	115.2	125.5