Table 11. Analytical results of fourth special study—volatile organic compounds in whole water—using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for selected National City wells, San Diego County, California.

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L) unless noted; E, estimated value; LRL, laboratory reporting level; mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Date (mm/dd/yyyy)	Time	1,1,1,2-Tetrachloroethane (77562)	1,1,1-Trichloroethane (34506)	1,1,2,2-Tetrachloroethane (34516)	1,1,2-Trichlorotrifluoroethane (77658)	1,1,2-Trichloroethane (34511)	1,1-Dichloroethane (34496)	1,1-Dichloroethylene (34501)	1,1-Dichloropropene (77168)
[LRL]			[0.03]	[0.03]	[0.09]	[0.06]	[0.06]	[0.07]	[0.04]	[0.03]
17S/2W-16Q3	04/20/2000	1200	—	—	—	—	—	—	—	—
17S/2W-16Q4	04/20/2000	1210	—	—	—	—	—	—	—	—

Site name	1,2,3,4-Tetramethylbenzene (49999)	1,2,3,5-Tetramethylbezene (50000)	1,2,3-Trichlorobenzene (77613)	1,2,3-Trichloropropane (77443)	1,2,3-Trimethylbenzene (77221)	1,2,4-Trichlorobenzene (34551)	1,2,4-Trimethylbenzene (77222)	1,2-Dibromo-3-chloropropane (82625)	1,2-Dibromoethane (77651)	1,2-Dichlorobenzene (34536)
[LRL]	[0.2]	[0.2]	[0.3]	[0.16]	[0.1]	[0.2]	[0.06]	[0.2]	[0.04]	[0.05]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	1,2-Dichloroethane (32103)	1,2-Dichloropropane (34541)	1,3,5-Trimethylbenzene (77226)	1,3-Dichlorobenzene (34566)	1,3-Dichloropropane (77173)	1,4-Dichlorobenzene (34571)	2,2-Dichloropropane (77170)	2-Chloro toluene (77275)	*o*-Ethyl toluene (77220)	3-Chloropropene (78109)
[LRL]	[0.1]	[0.07]	[0.04]	[0.05]	[0.1]	[0.05]	[0.05]	[0.04]	[0.06]	[0.2]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Table 11. Analytical results of fourth special study—volatile organic compounds in whole water—using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for selected National City wells, San Diego County, California.—Continued

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L) unless noted; E, estimated value; LRL, laboratory reporting level; mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above laboratory reporting level]

Site name	4-Chloro-toluene (77277)	4-Isopropyl-1-methylbenzene (isopropyl-toluene) (77356)	Acetone (81552)	Acrylonitrile (34215)	Benzene (34030)	Bromo-benzene (81555)	Bromo-chloro-methane (77297)	Bromo-dichloro-methane (32101)	Bromo-ethene (50002)	Bromo-methane (34413)
[LRL]	[0.06]	[0.07]	[7]	[1]	[0.04]	[0.04]	[0.04]	[0.05]	[0.1]	[0.3]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	Carbon disulfide (77041)	Chloro-benzene (34301)	Chloro-ethane (34311)	Chloro-methane (34418)	*cis*-1,2-Dichloro-ethylene (77093)	*cis*-1,3-Dichloro-propene (34704)	Dibromo-chloro-methane (32105)	Dibromo-methane (30217)	Dichloro-difluoro-methane (34668)	Dichloro-methane (34423)
[LRL]	[0.07]	[0.03]	[0.1]	[0.5]	[0.04]	[0.09]	[0.2]	[0.05]	[0.27]	[0.4]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	Diethyl ether (81576)	Diisopropyl ether (81577)	Ethyl meth-acrylate (73570)	2-Butanone (81595)	Ethyl-benzene (34371)	Hexachloro-butadiene (39702)	Hexachloro-ethane (34396)	Methyl iodide (77424)	4-Methyl-2-pentanone (78133)	Isopropyl-benzene (77223)
[LRL]	[0.2]	[0.1]	[0.2]	[1.6]	[0.03]	[0.1]	[0.2]	[0.12]	[0.4]	[0.03]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Table 11. Analytical results of fourth special study—volatile organic compounds in whole water—using U.S. Geological Survey National Water Quality Laboratory Schedule 2020 for selected National City wells, San Diego County, California.—Continued

[Time is denoted in 24-hour scale. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Concentrations are given in micrograms per liter (µg/L) unless noted; E, estimated value; LRL, laboratory reporting level; mm/dd/yyyy, month/day/year; —, compound was not detected at a concentration above laboratory reporting level]

Site name	Methyl acrylonitrile (81593)	Methyl acrylate (49991)	Methyl methacrylate (81597)	*tert*-Pentyl methyl ether (50005)	*m*- and *p*-Xylene (85795)	Naphthalene (34696)	2-Hexanone (77103)	*n*-Butylbenzene (77342)	*n*-Propylbenzene (77224)	*o*-Xylene (77135)
[LRL]	[0.6]	[1.4]	[0.3]	[0.11]	[0.06]	[0.2]	[0.7]	[0.2]	[0.04]	[0.04]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	*sec*-Butylbenzene (77350)	Styrene (77128)	Ethyl *tert*-butyl ether (50004)	Methyl *tert*-butyl ether (MTBE) (78032)	*tert*-Butylbenzene (77353)	Tetrachloroethene (34475)	Tetrachloromethane (32102)	Tetrahydrofuran (81607)	Toluene (34010)	*trans*-1,2-Dichloroethene (34546)
[LRL]	[0.03]	[0.04]	[0.05]	[0.2]	[0.06]	[0.1]	[0.06]	[2]	[0.05]	[0.03]
17S/2W-16Q3	—	—	—	—	—	—	—	—	—	—
17S/2W-16Q4	—	—	—	—	—	—	—	—	—	—

Site name	*trans*-1,3-Dichloropropene (34699)	*trans*-1,4-Dichloro-2-butene (73547)	Bromoform (32104)	Trichloroethene (39180)	Trichlorofluoromethane (34488)	Chloroform (32106)	Vinyl chloride (39175)	1,4-Bromofluorobenzene (surrogate) (percent) (99834)	1,2-Dichloroethane-d4 (surrogate) (percent) (99832)	Toluene-d8 (surrogate) (percent) (99833)
[LRL]	[0.09]	[0.7]	[0.06]	[0.04]	[0.09]	[0.05]	[0.1]			
17S/2W-16Q3	—	—	—	E 0.03	—	E 0.04	—	71.5	97.3	94.1
17S/2W-16Q4	—	—	—	—	—	—	—	69.7	97.7	92.6