Appendix A

CdV-R-37-2 Indicator Suite and Dedicated Sampling System Equipment Blank Analytical Results

Table A-1
Dedicated Sampling System Equipment Blank Analytical Results

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Acetone	SW-846:8260B	10 µg/L (U)	10 µg/L (U)	10 µg/L (U)	8.73 µg/L (J)
Acetonitrile	SW-846:8260B	25 µg/L (U)	25 µg/L (U)	25 µg/L (U)	25 µg/L (U)
Acrolein	SW-846:8260B	5 µg/L (UJ)	5 µg/L (UJ)	5 µg/L (UJ)	5 µg/L (U)
Acrylonitrile	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Benzene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Bromobenzene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Bromochloromethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Bromodichloromethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Bromoform	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Bromomethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Butanol[1-]	SW-846:8260B	50 µg/L (U)	50 µg/L (U)	50 µg/L (U)	50 µg/L (U)
Butanone[2-]	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Butylbenzene[n-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Butylbenzene[sec-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Butylbenzene[tert-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Carbon Disulfide	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Carbon Tetrachloride	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chloro-1,3-butadiene[2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chloro-1-propene[3-]	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Chlorobenzene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chlorodibromomethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chloroethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chloroform	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chloromethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chlorotoluene[2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)

Table A-1 (continued)

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Chlorotoluene[4-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dibromo-3-Chloropropane[1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dibromoethane[1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dibromomethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichlorobenzene[1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichlorobenzene[1,3-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichlorobenzene[1,4-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichlorodifluoromethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloroethane[1,1-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloroethane[1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloroethene[1,1-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloroethene[cis-1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloroethene[trans-1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloropropane[1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloropropane[1,3-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloropropane[2,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloropropene[1,1-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloropropene[cis-1,3-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Dichloropropene[trans-1,3-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Diethyl Ether	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Ethyl Methacrylate	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Ethylbenzene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Hexachlorobutadiene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Hexanone[2-]	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)

Table A-1 (continued)

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Iodomethane	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Isobutyl alcohol	SW-846:8260B	50 µg/L (U)	50 µg/L (U)	50 µg/L (U)	50 µg/L (U)
Isopropylbenzene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Isopropyltoluene[4-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Methacrylonitrile	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Methyl Methacrylate	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Methyl tert-Butyl Ether	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Methyl-2-pentanone[4-]	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Methylene Chloride	SW-846:8260B	10 µg/L (U)	10 µg/L (U)	10 µg/L (U)	10 µg/L (U)
Naphthalene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Propionitrile	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Propylbenzene[1-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Styrene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Tetrachloroethane[1,1,1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Tetrachloroethane[1,1,2,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Tetrachloroethene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Toluene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichloro-1,2,2-trifluoroethane[1,1,2-]	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Trichlorobenzene[1,2,3-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichlorobenzene[1,2,4-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichloroethane[1,1,1-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichloroethane[1,1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichloroethene	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichlorofluoromethane	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trichloropropane[1,2,3-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Trimethylbenzene[1,2,4-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)

Table A-1 (continued)

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Trimethylbenzene[1,3,5-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Vinyl acetate	SW-846:8260B	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)	5 µg/L (U)
Vinyl Chloride	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Xylene[1,2-]	SW-846:8260B	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Xylene[1,3-]+Xylene[1,4-]	SW-846:8260B	2 µg/L (U)	2 µg/L (U)	2 µg/L (U)	2 µg/L (U)
Acenaphthene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Acenaphthylene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Aniline	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Anthracene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Atrazine	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Azobenzene	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Benzidine	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Benzo(a)anthracene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Benzo(a)pyrene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Benzo(b)fluoranthene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Benzo(g,h,i)perylene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Benzo(k)fluoranthene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Benzoic Acid	SW-846:8270C	20 µg/L (U)	21.7 µg/L (U)	20.2 µg/L (U)	23.3 µg/L (U)
Benzyl Alcohol	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Bis(2-chloroethoxy)methane	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Bis(2-chloroethyl)ether	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Bis(2-ethylhexyl)phthalate	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	4.3 µg/L (J)	8.93 µg/L (J)
Bromophenyl-phenylether[4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Butylbenzylphthalate	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Chloro-3-methylphenol[4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Chloroaniline[4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)

Table A-1 (continued)

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Chloronaphthalene[2-]	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Chlorophenol[2-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Chlorophenyl-phenyl[4-] Ether	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Chrysene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Dibenz(a,h)anthracene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Dibenzofuran	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dichlorobenzene[1,2-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dichlorobenzene[1,3-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dichlorobenzene[1,4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dichlorobenzidine[3,3'-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dichlorophenol[2,4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Diethylphthalate	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dimethyl Phthalate	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dimethylphenol[2,4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Di-n-butylphthalate	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dinitro-2-methylphenol[4,6-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dinitrophenol[2,4-]	SW-846:8270C	20 µg/L (U)	21.7 µg/L (U)	20.2 µg/L (U)	23.3 µg/L (U)
Dinitrotoluene[2,4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dinitrotoluene[2,6-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Di-n-octylphthalate	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dinoseb	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Dioxane[1,4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Diphenylamine	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Fluoranthene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Fluorene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Hexachlorobenzene	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)

Table A-1 (continued)

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Hexachlorobutadiene	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Hexachlorocyclopentadiene	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Hexachloroethane	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Indeno(1,2,3-cd)pyrene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Isophorone	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Methylnaphthalene[1-]	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Methylnaphthalene[2-]	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Methylphenol[2-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Methylphenol[4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Naphthalene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Nitroaniline[2-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitroaniline[3-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitroaniline[4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitrobenzene	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitrophenol[2-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitrophenol[4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitrosodiethylamine[N-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitrosodimethylamine[N-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitroso-di-n-butylamine[N-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitroso-di-n-propylamine[N-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Nitrosopyrrolidine[N-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Oxybis(1-chloropropane)[2,2'-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Pentachlorobenzene	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Pentachlorophenol	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Phenanthrene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Phenol	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)

Table A-1 (continued)

Parameter Name	Analytical Method	CAWA-13-36238 08/25/2013 13:00	CAWA-13-36239 08/25/2013 13:00	CAWA-13-36240 08/25/2013 13:00	CAWA-13-36241 08/29/2013 16:53
Pyrene	SW-846:8270C	1 µg/L (U)	1.09 µg/L (U)	1.01 µg/L (U)	1.16 µg/L (U)
Pyridine	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Tetrachlorobenzene[1,2,4,5]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Tetrachlorophenol[2,3,4,6-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Trichlorobenzene[1,2,4-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Trichlorophenol[2,4,5-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)
Trichlorophenol[2,4,6-]	SW-846:8270C	10 µg/L (U)	10.9 µg/L (U)	10.1 µg/L (U)	11.6 µg/L (U)

Notes: U = The analyte was analyzed for but was not detected. J = The analyte was positively identified, and the associated numerical value is estimated to be more uncertain than would normally be expected for that analysis. UJ = The analyte was not positively identified in the sample, and the associated value is an estimate of the sample-specific detection or quantitation limit.

Table A-2
CdV-R-37-2 Indicator Suite Analytical Results

Parameter Name	Analytical Method	CAWA-13-36228 08/16/2013 11:55	CAWA-13-36229 08/21/2013 18:30	CAWA-13-36230 08/22/2013 18:30	CAWA-13-36231 08/23/2013 17:45	CAWA-13-36232 08/24/2013 18:30	CAWA-13-36233 08/16/2013 11:55	CAWA-13-36234 08/21/2013 18:30	CAWA-13-36235 08/22/2013 18:30	CAWA-13-36236 08/23/2013 17:45	CAWA-13-36237 08/24/2013 18:30
Acidity or Alkalinity of a solution	EPA:150.1	7.6 SU[a]	7.38 SU	7.56 SU	7.54 SU	7.55 SU	—[b]	—	—	—	—
Aluminum	EPA:200.7	—*	—	—	—	—	363 µg/L	14.6 µg/L	4.59 µg/L	4.82 µg/L	3.72 µg/L
Barium	EPA:200.7	—	—	—	—	—	27.2 µg/L	15.6 µg/L	12.8 µg/L	11 µg/L	9.85 µg/L
Boron	EPA:200.7	—	—	—	—	—	56.5 µg/L	20.8 µg/L	61.6 µg/L	21.4 µg/L	18.5 µg/L
Calcium	EPA:200.7	—	—	—	—	—	18.5 mg/L	9.8 mg/L	9.66 mg/L	9.49 mg/L	9.69 mg/L
Iron	EPA:200.7	—	—	—	—	—	3190 µg/L	391 µg/L	404 µg/L	376 µg/L	387 µg/L
Lithium	EPA:200.7	—	—	—	—	—	20.4 µg/L	14.7 µg/L	14.7 µg/L	15.2 µg/L	15.5 µg/L
Magnesium	EPA:200.7	—	—	—	—	—	3.15 mg/L	2.85 mg/L	2.86 mg/L	2.8 mg/L	2.88 mg/L
Manganese	EPA:200.7	—	—	—	—	—	144 µg/L	119 µg/L	136 µg/L	99.1 µg/L	89.3 µg/L
Potassium	EPA:200.7	—	—	—	—	—	7.4 mg/L	1.43 mg/L	1.34 mg/L	1.25 mg/L	1.2 mg/L
Silicon Dioxide	EPA:200.7	—	—	—	—	—	63.2 mg/L	63.3 mg/L	62.8 mg/L	60.2 mg/L	61.9 mg/L
Sodium	EPA:200.7	—	—	—	—	—	11.7 mg/L	10.1 mg/L	10.3 mg/L	9.66 mg/L	9.75 mg/L
Strontium	EPA:200.7	—	—	—	—	—	74.5 µg/L	46.2 µg/L	47.4 µg/L	48.4 µg/L	48.1 µg/L
Titanium	EPA:200.7	—	—	—	—	—	14.3 µg/L	2 µg/L (U)	2 µg/L (U)	2 µg/L (U)	2 µg/L (U)
Zinc	EPA:200.7	—	—	—	—	—	56.3 µg/L	4.4 µg/L	1.91 µg/L	1.3 µg/L	1.15 µg/L
Antimony	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Arsenic	EPA:200.8	—	—	—	—	—	0.94 µg/L	1.18 µg/L	1.16 µg/L	0.94 µg/L	1.01 µg/L
Beryllium	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Cadmium	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Cesium	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Chromium	EPA:200.8	—	—	—	—	—	15.3 µg/L	6.38 µg/L	5.66 µg/L	1.7 µg/L	1.24 µg/L
Cobalt	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	6.34 µg/L	1.11 µg/L	1 µg/L (U)
Copper	EPA:200.8	—	—	—	—	—	2.64 µg/L	1 µg/L (U)	1.04 µg/L	1 µg/L (U)	1 µg/L (U)
Lead	EPA:200.8	—	—	—	—	—	2.96 µg/L	0.39 µg/L	0.2 µg/L (U)	0.2 µg/L (U)	0.2 µg/L (U)
Mercury	EPA:200.8	—	—	—	—	—	0.05 µg/L (U)	0.05 µg/L (U)	0.21 µg/L	0.05 µg/L (U)	0.05 µg/L (U)
Molybdenum	EPA:200.8	—	—	—	—	—	11.2 µg/L	1.55 µg/L	1.59 µg/L	1 µg/L (U)	1 µg/L (U)
Nickel	EPA:200.8	—	—	—	—	—	4.96 µg/L	1.8 µg/L	2.09 µg/L	1.86 µg/L	1.79 µg/L
Selenium	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Silver	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Thallium	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Tin	EPA:200.8	—	—	—	—	—	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)	1 µg/L (U)
Uranium	EPA:200.8	—	—	—	—	—	0.45 µg/L	0.67 µg/L	0.67 µg/L	0.59 µg/L	0.55 µg/L
Vanadium	EPA:200.8	—	—	—	—	—	4.71 µg/L	8.93 µg/L	9.35 µg/L	7.95 µg/L	7.62 µg/L
Bromide	EPA:300.0	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	—	—	—	—	—
Chloride	EPA:300.0	2.36 mg/L	2.22 mg/L	2.41 mg/L	1.4 mg/L	1.57 mg/L	—	—	—	—	—

Table A-2 (continued)

Parameter Name	Analytical Method	CAWA-13-36228 08/16/2013 11:55	CAWA-13-36229 08/21/2013 18:30	CAWA-13-36230 08/22/2013 18:30	CAWA-13-36231 08/23/2013 17:45	CAWA-13-36232 08/24/2013 18:30	CAWA-13-36233 08/16/2013 11:55	CAWA-13-36234 08/21/2013 18:30	CAWA-13-36235 08/22/2013 18:30	CAWA-13-36236 08/23/2013 17:45	CAWA-13-36237 08/24/2013 18:30
Fluoride	EPA:300.0	0.01 mg/L (U)	0.01 mg/L (U)	0.118 mg/L	0.0789 mg/L	0.113 mg/L	—	—	—	—	—
Nitrate	EPA:300.0	0.833 mg/L	2.26 mg/L	2.43 mg/L	2.05 mg/L	1.85 mg/L	—	—	—	—	—
Nitrite	EPA:300.0	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	—	—	—	—	—
Oxalate	EPA:300.0	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	—	—	—	—	—
Phosphorus, Orthophosphate (Expressed as PO_4)	EPA:300.0	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	0.01 mg/L (U)	—	—	—	—	—
Sulfate	EPA:300.0	5.27 mg/L	1.87 mg/L	2.02 mg/L	1.55 mg/L	1.58 mg/L	—	—	—	—	—
Alkalinity-CO_3	EPA:310.1	0.8 mg/L (U)	0.8 mg/L (U)	0.8 mg/L (U)	0.8 mg/L (U)	0.8 mg/L (U)	—	—	—	—	—
Alkalinity-CO^3+HCO^3	EPA:310.1	79.1 mg/L	70.3 mg/L	70.2 mg/L	70 mg/L	69.9 mg/L	—	—	—	—	—
2,4-Diamino-6-nitrotoluene	SW-846:8321A_MOD	2.66 µg/L (U)	2.53 µg/L (U)	2.6 µg/L (U)	2.56 µg/L (U)	2.55 µg/L (U)	—	—	—	—	—
2,6-Diamino-4-nitrotoluene	SW-846:8321A_MOD	2.66 µg/L (U)	2.53 µg/L (U)	2.6 µg/L (U)	2.56 µg/L (U)	2.55 µg/L (U)	—	—	—	—	—
3,5-Dinitroaniline	SW-846:8321A_MOD	1.06 µg/L (U)	1.01 µg/L (U)	1.04 µg/L (U)	1.03 µg/L (U)	1.02 µg/L (U)	—	—	—	—	—
Amino-2,6-dinitrotoluene[4-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Amino-4,6-dinitrotoluene[2-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Dinitrobenzene[1,3-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Dinitrotoluene[2,4-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Dinitrotoluene[2,6-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
HMX	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Nitrobenzene	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Nitrotoluene[2-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Nitrotoluene[3-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Nitrotoluene[4-]	SW-846:8321A_MOD	0.532 µg/L (U)	0.505 µg/L (U)	0.521 µg/L (U)	0.513 µg/L (U)	0.51 µg/L (U)	—	—	—	—	—
PETN	SW-846:8321A_MOD	0.532 µg/L (U)	0.505 µg/L (U)	0.521 µg/L (U)	0.513 µg/L (U)	0.51 µg/L (U)	—	—	—	—	—
RDX	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
TATB	SW-846:8321A_MOD	1.06 µg/L (U)	1.01 µg/L (U)	1.04 µg/L (U)	1.03 µg/L (U)	1.02 µg/L (U)	—	—	—	—	—
Tetryl	SW-846:8321A_MOD	0.532 µg/L (U)	0.505 µg/L (U)	0.521 µg/L (U)	0.513 µg/L (U)	0.51 µg/L (U)	—	—	—	—	—
Trinitrobenzene[1,3,5-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Trinitrotoluene[2,4,6-]	SW-846:8321A_MOD	0.266 µg/L (U)	0.253 µg/L (U)	0.26 µg/L (U)	0.256 µg/L (U)	0.255 µg/L (U)	—	—	—	—	—
Tris (o-cresyl) phosphate	SW-846:8321A_MOD	1.06 µg/L (U)	1.01 µg/L (U)	1.04 µg/L (U)	1.03 µg/L (U)	1.02 µg/L (U)	—	—	—	—	—
Total Organic Carbon	SW-846:9060	0.244 mg/L	0.2 mg/L (U)	0.229 mg/L	0.2 mg/L (U)	0.2 mg/L (U)	—	—	—	—	—

Note: U = The analyte was analyzed for but was not detected.

[a] SU = Standard unit.

[b] — = Not analyzed.