Agilent Technologies

Changing the Number of Decimal Places in the EnviroQuant / Enhanced Summary Report

MS EnviroQuant G1032C and G1701AA
Enhanced or Environmental ChemStation

The file EPA.MAC controls the number of decimal places in the EnviroQuant summary report. This file can be edited to give the precision the user needs.

Before making any changes to system macro files, BACKUP the file first. Suggested names for a backup copy of this file: EPA.FAC (for factory), or EPA.OLD.

Edit \hpchem\msmacros\epa.mac, using Notepad or Wordpad. Search for the 4 occurrences of **FORMAT$=** as shown below , and change the **###.##** (or **####.##**) from the end of each of these lines to the number of decimal places you need. For example, to change from 2 decimal places (the default) to 3 decimal places, change **###.##** to **###.###**. If your calibration range requires more that 3 decimal places, you should maintain the same field width by reducing the number of places to the left of the decimal. For example, to change to 4 places to the right of the decimal, change **###.## to ##.####.**

The following example shows the original macro lines and surrounding code. The shaded characters can be replaced by the characters below the shaded area to print 3 places to the right of the decimal. The small portion of code that must be edited is shaded. Try to maintain the original field width (6 or 7 characters wide) as shown in this example. Note that there are several occurrences of lines containing **FORMAT$=** that are NOT involved in this change. This example is from G1701AA.

```
!          format$="3#) 26% ###.## #### ########  ###.## 5%  5%"
!eqnhance added % after area format for 'm' flag
          format$="3#) 26% ###.## 4% ########%  ###.## 5%  5%"
                                                ###.###

 time = cal_pk_ret/60000-exp_rt
          if abs(time)<0.01
            time = 0
          endif
          Sprint rrt$ using "##.##",time
         Pn$=peak_name$ !eqnhance length restriction
          if tofile=1
!            print using #2,"  "+format$+"/",result_num-
1,Peak_name$[1:26],cal_pk_ret/timediv,scan_num,pk_area,cal_pk_amt,amt_units$[1:5],rrt$
!eqnhance next line
```

```
 Pn$=peak_name$ !eqnhance length restriction
       if mi_used = 0
          sprint qvalue$ using "3#",qvalue
       else
         qvalue$="   "
       endif
         if tofile=1
           format$="  3#) 26% ###.## 4% ########% ####.## 5%1%   3%/"
                                                  ###.###
           print using
#2,format$,result_num,pn$[1:26],cal_pk_ret/timediv,scannum$,pk_area,amod$,cal_pk_amt,amt_units$[1:5
],mod$,qvalue$
         endif
         if quant_printer=1
           format$="3#) 26% ###.## 4% ########% ####.## 5%1%   3%"
                                                  ###.###
           sprint lt$ using
format$,result_num,pn$[1:26],cal_pk_ret/timediv,scannum$,pk_area,amod$,cal_pk_amt,amt_units$[1:5],m
od$,qvalue$
           strprint lt$,indent,compoundrow
           compoundrow=compoundrow+1
           epacheckend
         endif
```

```
    endif

!      format$="3#) 26% ###.## #### ########  ###.## 5%7%"
!eqnhance format
      format$="3#) 26% ###.## 4% ########%  ###.## 5%  7%"
                                            ###.###
      pn$=peak_name$ !eqnhance length restriction
      if tofile=1
!        print using #2,"  "+format$+"/",result_num-
1,peak_name$[1:26],cal_pk_ret/timediv,scan_num,pk_area,cal_pk_amt,amt_units$[1:5],mod$
!eqnhance
        print using #2,"
"+format$+"/",p_res,pn$[1:26],cal_pk_ret/timediv,scannum$,pk_area,amod$,cal_pk_amt,amt_units$[1:5],
mod$
        print using
format$,p_res,pn$[1:26],cal_pk_ret/timediv,scannum$,pk_area,amod$,cal_pk_amt,amt_units$[1:5],qsmod$
      QaLogSurrogate       ! dwp 8/18/95
       if samt > 0
          print using #2,"  %/",surr$
       endif
      endif
      if quant_printer=1
```