

Data Path : U:\HPCHEM1\BNA E\DATA\BE012318\  
 Data File : BE095105.D  
 Acq On : 23 Jan 2018 19:49  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jan 24 01:11:37 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 23 15:47:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.46  | 152  | 6860     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.31 | 136  | 16970    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.03 | 164  | 10120    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.74 | 188  | 23592    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.84 | 240  | 22884    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.49 | 264  | 20029    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.94  | 112  | 4714     | 0.42 | ng    | 0.00     |
| 5) Phenol-d6                | 7.58  | 99   | 7215     | 0.43 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.63  | 82   | 6114     | 0.40 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.83 | 152  | 11298    | 0.40 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.50 | 330  | 1247     | 0.46 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.68 | 172  | 17240    | 0.39 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.72 | 212  | 114895   | 0.39 | ng    | 0.00     |
| 29) Terphenyl-d14           | 20.28 | 244  | 18745    | 0.40 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.66  | 88   | 2660     | 0.394 | ng    | # 89   |
| 3) n-Nitrosodimethylamine      | 4.01  | 42   | 3200     | 0.398 | ng    | # 95   |
| 6) bis(2-Chloroethyl)ether     | 7.85  | 93   | 6271     | 0.400 | ng    | 92     |
| 9) Naphthalene                 | 11.34 | 128  | 77107    | 0.397 | ng    | 99     |
| 10) Hexachlorobutadiene        | 11.61 | 225  | 4039     | 0.464 | ng    | # 84   |
| 12) 2-Methylnaphthalene        | 12.91 | 142  | 13298    | 0.399 | ng    | 97     |
| 16) Acenaphthylene             | 14.76 | 152  | 21363    | 0.394 | ng    | 99     |
| 17) Acenaphthene               | 15.10 | 154  | 13978    | 0.397 | ng    | 95     |
| 18) Fluorene                   | 16.07 | 166  | 17086    | 0.388 | ng    | # 78   |
| 20) 4-Bromophenyl-phenylether  | 16.94 | 248  | 5452     | 0.393 | ng    | # 76   |
| 21) Hexachlorobenzene          | 17.05 | 284  | 5290     | 0.380 | ng    | # 83   |
| 22) Pentachlorophenol          | 17.38 | 266  | 1625     | 0.559 | ng    | # 75   |
| 23) Phenanthrene               | 17.79 | 178  | 28494    | 0.391 | ng    | 99     |
| 24) Anthracene                 | 17.88 | 178  | 25418    | 0.391 | ng    | 95     |
| 26) Fluoranthene               | 19.75 | 202  | 33920    | 0.388 | ng    | 98     |
| 28) Pyrene                     | 20.10 | 202  | 38471    | 0.398 | ng    | 95     |
| 30) Benzo(a)anthracene         | 21.81 | 228  | 28201    | 0.394 | ng    | 98     |
| 31) Chrysene                   | 21.87 | 228  | 28780    | 0.398 | ng    | 98     |
| 32) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 51966    | 0.522 | ng    | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 27.31 | 276  | 27861    | 0.423 | ng    | 98     |
| 35) Benzo(b)fluoranthene       | 23.66 | 252  | 27702    | 0.390 | ng    | # 89   |
| 36) Benzo(k)fluoranthene       | 23.72 | 252  | 27576    | 0.379 | ng    | 95     |
| 37) Benzo(a)pyrene             | 24.37 | 252  | 25855    | 0.397 | ng    | 94     |
| 38) Dibenzo(a,h)anthracene     | 27.33 | 278  | 22405    | 0.408 | ng    | 97     |
| 39) Benzo(g,h,i)perylene       | 28.19 | 276  | 22903    | 0.385 | ng    | # 94   |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

