

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\  
 Data File : BE096304.D  
 Acq On : 2 May 2018 21:20  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: May 03 01:18:41 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 30 14:27:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 1057     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.19 | 136  | 4040     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.93 | 164  | 2285     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.65 | 188  | 5314     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.74 | 240  | 5333     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.35 | 264  | 4952     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.87  | 112 | 1208  | 0.37 | ng | 0.00 |
| 5) Phenol-d6                | 7.52  | 99  | 1718  | 0.38 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.54  | 82  | 1829  | 0.39 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.73 | 152 | 2374  | 0.37 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.41 | 330 | 343   | 0.31 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.57 | 172 | 3684  | 0.38 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.63 | 212 | 25753 | 0.36 | ng | 0.00 |
| 29) Terphenyl-d14           | 20.19 | 244 | 4439  | 0.38 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.61  | 88  | 564   | 0.345  | ng | 95   |
| 3) n-Nitrosodimethylamine      | 3.96  | 42  | 826   | 0.413  | ng | # 74 |
| 6) bis(2-Chloroethyl)ether     | 7.76  | 93  | 1460  | 0.368  | ng | 91   |
| 9) Naphthalene                 | 11.23 | 128 | 16110 | 0.378  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.50 | 225 | 765   | 0.405  | ng | 97   |
| 12) 2-Methylnaphthalene        | 12.80 | 142 | 2658  | 0.377  | ng | 93   |
| 16) Acenaphthylene             | 14.67 | 152 | 4611  | 0.378  | ng | 99   |
| 17) Acenaphthene               | 15.00 | 154 | 2678  | 0.365  | ng | 92   |
| 18) Fluorene                   | 15.97 | 166 | 3464  | 0.382  | ng | # 79 |
| 20) 4-Bromophenyl-phenylether  | 16.83 | 248 | 1194  | 0.378  | ng | # 76 |
| 21) Hexachlorobenzene          | 16.96 | 284 | 1240  | 0.394  | ng | # 80 |
| 22) Pentachlorophenol          | 17.31 | 266 | 468   | 0.458  | ng | # 80 |
| 23) Phenanthrene               | 17.68 | 178 | 5715  | 0.383  | ng | 99   |
| 24) Anthracene                 | 17.78 | 178 | 5289  | 0.371  | ng | # 95 |
| 26) Fluoranthene               | 19.66 | 202 | 7146  | 0.364  | ng | 97   |
| 28) Pyrene                     | 20.00 | 202 | 523   | 0.050  | ng | # 78 |
| 30) Benzo(a)anthracene         | 21.73 | 228 | 6380  | 0.373  | ng | 97   |
| 31) Chrysene                   | 21.78 | 228 | 6366  | 0.385  | ng | 97   |
| 32) Bis(2-ethylhexyl)phthalate | 21.60 | 149 | 18349 | 0.416  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 27.13 | 276 | 5671  | 0.354  | ng | # 93 |
| 35) Benzo(b)fluoranthene       | 23.54 | 252 | 5832  | 0.393  | ng | # 93 |
| 36) Benzo(k)fluoranthene       | 23.59 | 252 | 6024  | 0.394  | ng | # 92 |
| 37) Benzo(a)pyrene             | 24.23 | 252 | 5494  | 0.385  | ng | # 93 |
| 38) Dibenzo(a,h)anthracene     | 27.14 | 278 | 4525  | 0.359  | ng | 95   |
| 39) Benzo(g,h,i)perylene       | 27.99 | 276 | 5016  | 0.377  | ng | # 94 |

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

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