

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE082617\  
 Data File : BE093887.D  
 Acq On : 26 Aug 2017 13:26  
 Operator : SJ/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICV0.4

Manual Integrations  
 APPROVED

Sohil  
 8/28/2017 3:12:31 PM

Quant Time: Aug 28 11:29:02 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE082617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 28 11:26:07 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 1879     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 9738     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.52 | 164  | 5420     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.23 | 188  | 10635    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.42 | 240  | 12246    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.93 | 264  | 10111    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.52  | 112  | 2300     | 0.40 | ng    | 0.00     |
| 5) Phenol-d6                | 7.09  | 99   | 3365     | 0.38 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.06  | 82   | 3018     | 0.37 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152  | 6085     | 0.40 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.03 | 330  | 477      | 0.33 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.15 | 172  | 8482     | 0.39 | ng    | -0.01    |
| 25) Fluoranthene-d10        | 19.28 | 212  | 51629    | 0.42 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.87 | 244  | 8569     | 0.39 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88   | 1035     | 0.401 | ng    | 98     |
| 3) n-Nitrosodimethylamine      | 3.75  | 42   | 1114     | 0.388 | ng    | 99     |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93   | 2767     | 0.406 | ng    | 93     |
| 9) Naphthalene                 | 10.76 | 128  | 43290    | 0.390 | ng    | 100    |
| 10) Hexachlorobutadiene        | 11.04 | 225  | 1546     | 0.395 | ng    | 97     |
| 12) 2-Methylnaphthalene        | 12.36 | 142  | 7187     | 0.388 | ng    | 99     |
| 16) Acenaphthylene             | 14.24 | 152  | 10344    | 0.386 | ng    | 99     |
| 17) Acenaphthene               | 14.58 | 154  | 6967     | 0.385 | ng    | 99     |
| 18) Fluorene                   | 15.56 | 166  | 8908     | 0.381 | ng    | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248  | 1940     | 0.495 | ng    | 92     |
| 21) Hexachlorobenzene          | 16.58 | 284  | 1625     | 0.460 | ng    | # 100  |
| 22) Pentachlorophenol          | 16.94 | 266  | 491      | 0.295 | ng    | 97     |
| 23) Phenanthrene               | 17.30 | 178  | 10412    | 0.385 | ng    | # 99   |
| 24) Anthracene                 | 17.36 | 178  | 11589m   | 0.359 | ng    |        |
| 26) Fluoranthene               | 19.31 | 202  | 15539    | 0.420 | ng    | 100    |
| 28) Pyrene                     | 19.67 | 202  | 16053    | 0.390 | ng    | 99     |
| 30) Benzo(a)anthracene         | 21.40 | 228  | 13680    | 0.376 | ng    | 99     |
| 31) Chrysene                   | 21.45 | 228  | 15977    | 0.395 | ng    | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 26248    | 0.342 | ng    | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.59 | 276  | 9996     | 0.362 | ng    | 99     |
| 35) Benzo(b)fluoranthene       | 23.15 | 252  | 11710    | 0.363 | ng    | 99     |
| 36) Benzo(k)fluoranthene       | 23.20 | 252  | 14088    | 0.382 | ng    | 98     |
| 37) Benzo(a)pyrene             | 23.81 | 252  | 12092    | 0.377 | ng    | 99     |
| 38) Dibenzo(a,h)anthracene     | 26.61 | 278  | 8244     | 0.365 | ng    | 99     |
| 39) Benzo(g,h,i)perylene       | 27.40 | 276  | 9145     | 0.371 | ng    | 99     |

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

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