

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080916\  
 Data File : BE092236.D  
 Acq On : 9 Aug 2016 20:02  
 Operator : UM/SJ  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC0.4

Manual Integrations  
 APPROVED

sohil  
 8/10/2016 6:47:33 PM

Quant Time: Aug 10 04:48:08 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 10 04:43:27 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.17  | 152  | 9273     | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.97 | 136  | 44633    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.83 | 164  | 25958    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.56 | 188  | 63185    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12               | 21.75 | 240  | 56475    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12               | 24.13 | 264  | 58733    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.71  | 112  | 738      | 0.36 | ng    | 0.00     |
| 5) Phenol-d6                   | 7.36  | 99   | 914      | 0.31 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.36  | 82   | 1064     | 0.34 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 16.33 | 330  | 240      | 0.31 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 13.47 | 172  | 3112     | 0.39 | ng    | 0.00     |
| 26) Terphenyl-d14              | 20.19 | 244  | 3534     | 0.37 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.44  | 88   | 507      | 0.43 | ng    | 100      |
| 3) n-Nitrosodimethylamine      | 3.81  | 42   | 513      | 0.36 | ng    | 100      |
| 6) bis(2-Chloroethyl)ether     | 7.59  | 93   | 853      | 0.36 | ng    | 100      |
| 9) Naphthalene                 | 11.03 | 128  | 3987     | 0.40 | ng    | 100      |
| 10) Hexachlorobutadiene        | 11.32 | 225  | 574      | 0.40 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 12.66 | 142  | 2451     | 0.39 | ng    | 100      |
| 15) Acenaphthylene             | 14.54 | 152  | 17210    | 0.38 | ng    | 100      |
| 16) Acenaphthene               | 14.90 | 154  | 2833     | 0.39 | ng    | 100      |
| 17) Fluorene                   | 15.88 | 166  | 3402     | 0.39 | ng    | 100      |
| 19) Hexachlorobenzene          | 16.89 | 284  | 1002     | 0.40 | ng    | # 100    |
| 20) Pentachlorophenol          | 17.24 | 266  | 173      | 0.26 | ng    | 100      |
| 21) Phenanthrene               | 17.60 | 178  | 6296     | 0.39 | ng    | 100      |
| 22) Anthracene                 | 17.70 | 178  | 5463     | 0.37 | ng    | 100      |
| 23) Fluoranthene               | 19.63 | 202  | 24615    | 0.38 | ng    | 100      |
| 25) Pyrene                     | 19.99 | 202  | 25528    | 0.38 | ng    | 100      |
| 27) Benzo(a)anthracene         | 21.73 | 228  | 25260    | 0.37 | ng    | 100      |
| 28) Chrysene                   | 21.77 | 228  | 25466m   | 0.41 | ng    |          |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 2838     | 0.33 | ng    | # 100    |
| 30) Indeno(1,2,3-cd)pyrene     | 26.65 | 276  | 24484    | 0.36 | ng    | 100      |
| 32) Benzo(b)fluoranthene       | 23.39 | 252  | 5682     | 0.37 | ng    | 100      |
| 33) Benzo(k)fluoranthene       | 23.44 | 252  | 6256     | 0.39 | ng    | 100      |
| 34) Benzo(a)pyrene             | 24.02 | 252  | 5324     | 0.37 | ng    | 100      |
| 35) Dibenzo(a,h)anthracene     | 26.67 | 278  | 4846     | 0.36 | ng    | 100      |
| 36) Benzo(g,h,i)perylene       | 27.42 | 276  | 22118    | 0.38 | ng    | 100      |

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

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