

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE032216\  
 Data File : BE091505.D  
 Acq On : 22 Mar 2016 11:34  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
 APPROVED

Sohil  
 3/23/2016 4:28:59 PM

Quant Time: Mar 23 02:10:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE031816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 14:14:30 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.82  | 152  | 43412    | 5.00 | ng    | -0.02    |
| 6) Naphthalene-d8           | 10.59 | 136  | 189188   | 5.00 | ng    | -0.02    |
| 10) Acenaphthene-d10        | 14.44 | 164  | 106845   | 5.00 | ng    | 0.00     |
| 16) Phenanthrene-d10        | 17.17 | 188  | 275899   | 5.00 | ng    | -0.01    |
| 22) Chrysene-d12            | 21.34 | 240  | 321356   | 5.00 | ng    | 0.00     |
| 28) Perylene-d12            | 23.80 | 264  | 306382   | 5.00 | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.42  | 112  | 3696     | 0.37 | ng    | 0.00     |
| 5) Phenol-d6                | 6.99  | 99   | 4754     | 0.37 | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.98  | 82   | 3271     | 0.52 | ng    | 0.00     |
| 11) 2,4,6-Tribromophenol    | 15.92 | 330  | 1512     | 0.62 | ng    | -0.01    |
| 12) 2-Fluorobiphenyl        | 13.07 | 172  | 11408    | 0.42 | ng    | 0.00     |
| 24) Terphenyl-d14           | 19.78 | 244  | 17082    | 0.44 | ng    | -0.02    |
| Target Compounds            |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane              | 3.37  | 88   | 2532     | 0.47 | ng    | 95       |
| 3) n-Nitrosodimethylamine   | 3.68  | 42   | 2737     | 0.36 | ng    | # 92     |
| 8) Naphthalene              | 10.65 | 128  | 20753    | 0.45 | ng    | 96       |
| 9) 2-Methylnaphthalene      | 12.26 | 142  | 11729    | 0.39 | ng    | 95       |
| 13) Acenaphthylene          | 14.15 | 152  | 16772    | 0.44 | ng    | 99       |
| 14) Acenaphthene            | 14.50 | 154  | 13826    | 0.42 | ng    | 94       |
| 15) Fluorene                | 15.48 | 166  | 17540    | 0.42 | ng    | 100      |
| 17) Hexachlorobenzene       | 16.48 | 284  | 5078     | 0.42 | ng    | 97       |
| 18) Pentachlorophenol       | 16.83 | 266  | 1647     | 0.45 | ng    | # 88     |
| 19) Phenanthrene            | 17.21 | 178  | 34087    | 0.43 | ng    | 99       |
| 20) Anthracene              | 17.30 | 178  | 26887    | 0.39 | ng    | 100      |
| 21) Fluoranthene            | 19.22 | 202  | 32330    | 0.36 | ng    | 98       |
| 23) Pyrene                  | 19.57 | 202  | 35164    | 0.44 | ng    | 98       |
| 25) Benzo(a)anthracene      | 21.31 | 228  | 36643    | 0.41 | ng    | # 90     |
| 26) Chrysene                | 21.36 | 228  | 50279m   | 0.61 | ng    |          |
| 27) Indeno(1,2,3-cd)pyrene  | 26.37 | 276  | 38014    | 0.41 | ng    | 99       |
| 29) Benzo(b)fluoranthene    | 23.03 | 252  | 38071    | 0.39 | ng    | 99       |
| 30) Benzo(k)fluoranthene    | 23.08 | 252  | 38601    | 0.39 | ng    | 96       |
| 31) Benzo(a)pyrene          | 23.68 | 252  | 29959    | 0.35 | ng    | 99       |
| 32) Dibenzo(a,h)anthracene  | 26.40 | 278  | 31464    | 0.37 | ng    | 100      |
| 33) Benzo(g,h,i)perylene    | 27.16 | 276  | 34244    | 0.39 | ng    | 99       |

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

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