

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\  
 Data File : BE092682.D  
 Acq On : 25 Jan 2017 1:26  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

mohammad  
 1/25/2017 4:54:12 PM

Quant Time: Jan 25 13:48:21 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 17 10:14:01 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.14  | 152  | 14346    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.91 | 136  | 74469    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.78 | 164  | 50227    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 17.53 | 188  | 108226   | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12               | 21.72 | 240  | 104096   | 5.00 | ng    | 0.00     |
| 31) Perylene-d12               | 24.06 | 264  | 104263   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.66  | 112  | 1107     | 0.35 | ng    | 0.00     |
| 5) Phenol-d6                   | 7.33  | 99   | 1534     | 0.39 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.32  | 82   | 1660     | 0.34 | ng    | -0.02    |
| 13) 2,4,6-Tribromophenol       | 16.32 | 330  | 444      | 0.42 | ng    | 0.02     |
| 14) 2-Fluorobiphenyl           | 13.41 | 172  | 4657     | 0.38 | ng    | -0.01    |
| 26) Terphenyl-d14              | 20.16 | 244  | 5911     | 0.40 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.39  | 88   | 787      | 0.34 | ng    | 99       |
| 3) n-Nitrosodimethylamine      | 3.78  | 42   | 655      | 0.25 | ng    | # 93     |
| 6) bis(2-Chloroethyl)ether     | 7.57  | 93   | 1396m    | 0.33 | ng    |          |
| 9) Naphthalene                 | 10.95 | 128  | 6044     | 0.39 | ng    | 96       |
| 10) Hexachlorobutadiene        | 11.24 | 225  | 913      | 0.40 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 12.60 | 142  | 3794     | 0.39 | ng    | 92       |
| 15) Acenaphthylene             | 14.49 | 152  | 27776    | 0.40 | ng    | 100      |
| 16) Acenaphthene               | 14.85 | 154  | 4465     | 0.40 | ng    | 98       |
| 17) Fluorene                   | 15.83 | 166  | 5321     | 0.38 | ng    | 98       |
| 19) Hexachlorobenzene          | 16.87 | 284  | 1570m    | 0.36 | ng    |          |
| 20) Pentachlorophenol          | 17.37 | 266  | 276m     | 0.25 | ng    |          |
| 21) Phenanthrene               | 17.58 | 178  | 9590     | 0.40 | ng    | 95       |
| 22) Anthracene                 | 17.67 | 178  | 9122     | 0.41 | ng    | 99       |
| 23) Fluoranthene               | 19.58 | 202  | 39582    | 0.37 | ng    | 99       |
| 25) Pyrene                     | 19.93 | 202  | 41619    | 0.41 | ng    | 100      |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 40693    | 0.40 | ng    | # 79     |
| 28) Chrysene                   | 21.75 | 228  | 45355m   | 0.39 | ng    |          |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 7528     | 0.56 | ng    | # 75     |
| 30) Indeno(1,2,3-cd)pyrene     | 26.55 | 276  | 45117    | 0.36 | ng    | 97       |
| 32) Benzo(b)fluoranthene       | 23.34 | 252  | 9854     | 0.39 | ng    | 100      |
| 33) Benzo(k)fluoranthene       | 23.38 | 252  | 10701    | 0.42 | ng    | 96       |
| 34) Benzo(a)pyrene             | 23.96 | 252  | 9618     | 0.41 | ng    | 97       |
| 35) Dibenzo(a,h)anthracene     | 26.56 | 278  | 9214     | 0.40 | ng    | 99       |
| 36) Benzo(g,h,i)perylene       | 27.30 | 276  | 38286    | 0.39 | ng    | 99       |

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

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