

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\  
 Data File : BE092293.D  
 Acq On : 29 Aug 2016 17:37  
 Operator : UM/SJ  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE082916

Manual Integrations  
 APPROVED

sohil  
 8/30/2016 4:49:32 PM

Quant Time: Aug 29 18:43:42 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 29 18:19:23 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.19  | 152  | 9105     | 5.00 | ng    | 0.00      |
| 7) Naphthalene-d8              | 10.95 | 136  | 41834    | 5.00 | ng    | -0.02     |
| 12) Acenaphthene-d10           | 14.83 | 164  | 23196    | 5.00 | ng    | 0.00      |
| 18) Phenanthrene-d10           | 17.58 | 188  | 59482    | 5.00 | ng    | 0.00      |
| 24) Chrysene-d12               | 21.75 | 240  | 69276    | 5.00 | ng    | 0.00      |
| 31) Perylene-d12               | 24.12 | 264  | 63393    | 5.00 | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |      |       |           |
| 4) 2-Fluorophenol              | 5.69  | 112  | 809      | 0.40 | ng    | -0.02     |
| 5) Phenol-d6                   | 7.36  | 99   | 937      | 0.35 | ng    | -0.02     |
| 8) Nitrobenzene-d5             | 9.36  | 82   | 912      | 0.33 | ng    | 0.00      |
| 13) 2,4,6-Tribromophenol       | 16.33 | 330  | 226      | 0.36 | ng    | 0.00      |
| 14) 2-Fluorobiphenyl           | 13.46 | 172  | 2862     | 0.39 | ng    | 0.00      |
| 26) Terphenyl-d14              | 20.19 | 244  | 3583     | 0.38 | ng    | 0.00      |
| Target Compounds               |       |      |          |      |       |           |
| 2) 1,4-Dioxane                 | 3.42  | 88   | 574      | 0.45 | ng    | Qvalue 93 |
| 3) n-Nitrosodimethylamine      | 3.79  | 42   | 569      | 0.42 | ng    | # 6       |
| 6) bis(2-Chloroethyl)ether     | 7.61  | 93   | 896      | 0.43 | ng    | # 33      |
| 9) Naphthalene                 | 11.01 | 128  | 3663     | 0.39 | ng    | 98        |
| 10) Hexachlorobutadiene        | 11.30 | 225  | 570      | 0.40 | ng    | 96        |
| 11) 2-Methylnaphthalene        | 12.65 | 142  | 2239     | 0.39 | ng    | 98        |
| 15) Acenaphthylene             | 14.54 | 152  | 15050    | 0.38 | ng    | 99        |
| 16) Acenaphthene               | 14.88 | 154  | 2528     | 0.39 | ng    | 99        |
| 17) Fluorene                   | 15.88 | 166  | 3047     | 0.39 | ng    | 99        |
| 19) Hexachlorobenzene          | 16.89 | 284  | 925      | 0.38 | ng    | # 100     |
| 20) Pentachlorophenol          | 17.26 | 266  | 187      | 0.43 | ng    | 95        |
| 21) Phenanthrene               | 17.62 | 178  | 5525     | 0.39 | ng    | 99        |
| 22) Anthracene                 | 17.72 | 178  | 4860     | 0.38 | ng    | 100       |
| 23) Fluoranthene               | 19.61 | 202  | 22807    | 0.36 | ng    | 100       |
| 25) Pyrene                     | 19.99 | 202  | 24440    | 0.38 | ng    | 99        |
| 27) Benzo(a)anthracene         | 21.72 | 228  | 24668m   | 0.46 | ng    |           |
| 28) Chrysene                   | 21.79 | 228  | 27247m   | 0.42 | ng    |           |
| 29) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 1604     | 0.35 | ng    | # 100     |
| 30) Indeno(1,2,3-cd)pyrene     | 26.63 | 276  | 25298    | 0.38 | ng    | 99        |
| 32) Benzo(b)fluoranthene       | 23.39 | 252  | 5833     | 0.39 | ng    | 98        |
| 33) Benzo(k)fluoranthene       | 23.44 | 252  | 6555     | 0.38 | ng    | 99        |
| 34) Benzo(a)pyrene             | 24.02 | 252  | 5617     | 0.37 | ng    | 98        |
| 35) Dibenzo(a,h)anthracene     | 26.67 | 278  | 4993     | 0.38 | ng    | 97        |
| 36) Benzo(g,h,i)perylene       | 27.40 | 276  | 22768    | 0.39 | ng    | 98        |

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

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