

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\  
 Data File : BE097650.D  
 Acq On : 24 Sep 2018 19:13  
 Operator : SJ/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE092418

Manual Integrations  
 APPROVED

Sohil  
 9/26/2018 11:36:05 AM

Quant Time: Sep 25 11:59:44 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 18:40:34 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.37  | 152  | 840      | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.13 | 136  | 4209     | 0.40  | ng    | 0.00        |
| 13) Acenaphthene-d10           | 14.00 | 164  | 2839     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10           | 16.75 | 188  | 8721     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 20.97 | 240  | 9403     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.20 | 264  | 8867     | 0.40  | ng    | 0.00        |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.06  | 112  | 876      | 0.40  | ng    | 0.00        |
| 5) Phenol-d6                   | 6.61  | 99   | 1341m    | 0.43  | ng    | 0.00        |
| 8) Nitrobenzene-d5             | 8.53  | 82   | 1110     | 0.43  | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10    | 11.72 | 152  | 2525     | 0.41  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 15.53 | 330  | 450      | 0.40  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 12.62 | 172  | 3951     | 0.43  | ng    | -0.01       |
| 25) Fluoranthene-d10           | 18.80 | 212  | 37726    | 0.40  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.42 | 244  | 7839     | 0.42  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 2) 1,4-Dioxane                 | 3.07  | 88   | 562      | 0.387 | ng    | Qvalue # 82 |
| 3) n-Nitrosodimethylamine      | 3.37  | 42   | 379      | 0.403 | ng    | # 92        |
| 6) bis(2-Chloroethyl)ether     | 6.83  | 93   | 1102     | 0.423 | ng    | 77          |
| 9) Naphthalene                 | 10.17 | 128  | 15937    | 0.417 | ng    | 99          |
| 10) Hexachlorobutadiene        | 10.46 | 225  | 713      | 0.410 | ng    | 97          |
| 12) 2-Methylnaphthalene        | 11.80 | 142  | 2583     | 0.426 | ng    | 97          |
| 16) Acenaphthylene             | 13.71 | 152  | 4567     | 0.400 | ng    | 100         |
| 17) Acenaphthene               | 14.06 | 154  | 3131     | 0.420 | ng    | 96          |
| 18) Fluorene                   | 15.05 | 166  | 4236     | 0.404 | ng    | # 80        |
| 20) 4-Bromophenyl-phenylether  | 15.96 | 248  | 1600     | 0.414 | ng    | # 84        |
| 21) Hexachlorobenzene          | 16.07 | 284  | 1820     | 0.408 | ng    | # 86        |
| 22) Pentachlorophenol          | 16.44 | 266  | 359      | 0.419 | ng    | # 79        |
| 23) Phenanthrene               | 16.80 | 178  | 8423     | 0.408 | ng    | 99          |
| 24) Anthracene                 | 16.89 | 178  | 6994     | 0.408 | ng    | 96          |
| 26) Fluoranthene               | 18.83 | 202  | 9964     | 0.403 | ng    | 98          |
| 28) Pyrene                     | 19.19 | 202  | 10684    | 0.435 | ng    | 100         |
| 30) Benzo(a)anthracene         | 20.95 | 228  | 9005     | 0.405 | ng    | 97          |
| 31) Chrysene                   | 21.00 | 228  | 10964    | 0.422 | ng    | 99          |
| 32) Bis(2-ethylhexyl)phthalate | 20.89 | 149  | 10624    | 0.419 | ng    | 100         |
| 33) Indeno(1,2,3-cd)pyrene     | 25.50 | 276  | 12131    | 0.443 | ng    | # 93        |
| 35) Benzo(b)fluoranthene       | 22.53 | 252  | 9016     | 0.398 | ng    | # 88        |
| 36) Benzo(k)fluoranthene       | 22.58 | 252  | 11151    | 0.416 | ng    | 95          |
| 37) Benzo(a)pyrene             | 23.11 | 252  | 9099     | 0.406 | ng    | # 92        |
| 38) Dibenzo(a,h)anthracene     | 25.51 | 278  | 9943     | 0.422 | ng    | # 95        |
| 39) Benzo(g,h,i)perylene       | 26.20 | 276  | 9596     | 0.410 | ng    | # 89        |

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

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