

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016651.D  
 Acq On : 02 Oct 2021 01:36  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Oct 02 04:16:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 13:35:26 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 32573    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.406 | 136  | 142224   | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.269 | 164  | 75201    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.017 | 188  | 140883   | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 135471   | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.481 | 264  | 141920   | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.263  | 112  | 29574    | 0.36 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.822  | 99   | 32128    | 0.35 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 30292    | 0.33 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 78604    | 0.37 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 11473    | 0.34 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.886 | 172  | 112576   | 0.37 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.063 | 212  | 137693   | 0.37 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 114842   | 0.39 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.253  | 88   | 5414     | 0.36 | ng    | # 77     |
| 3) n-Nitrosodimethylamine     | 3.594  | 42   | 8816     | 0.37 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.080  | 93   | 33526    | 0.38 | ng    | 100      |
| 9) Naphthalene                | 10.457 | 128  | 143316   | 0.37 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.749 | 225  | 27413    | 0.38 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.078 | 142  | 93566    | 0.38 | ng    | 99       |
| 16) Acenaphthylene            | 13.989 | 152  | 115578   | 0.35 | ng    | 100      |
| 17) Acenaphthene              | 14.332 | 154  | 82080    | 0.37 | ng    | 100      |
| 18) Fluorene                  | 15.322 | 166  | 99487    | 0.38 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 1993     | 0.25 | ng    | 99       |
| 21) 4-Bromophenyl-phenylether | 16.226 | 248  | 31246    | 0.36 | ng    | 93       |
| 22) Hexachlorobenzene         | 16.324 | 284  | 38264    | 0.38 | ng    | 99       |
| 23) Atrazine                  | 16.506 | 200  | 19720    | 0.31 | ng    | 99       |
| 24) Pentachlorophenol         | 16.677 | 266  | 11230    | 0.33 | ng    | 99       |
| 25) Phenanthrene              | 17.066 | 178  | 158295   | 0.37 | ng    | 100      |
| 26) Anthracene                | 17.151 | 178  | 129608   | 0.35 | ng    | 100      |
| 28) Fluoranthene              | 19.093 | 202  | 174646   | 0.38 | ng    | 100      |
| 30) Pyrene                    | 19.460 | 202  | 171830   | 0.39 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.217 | 228  | 149094   | 0.36 | ng    | 99       |
| 33) Chrysene                  | 21.270 | 228  | 177233   | 0.42 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 51085    | 0.31 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.754 | 276  | 194683   | 0.38 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.803 | 252  | 166486   | 0.37 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.848 | 252  | 182036   | 0.40 | ng    | # 98     |
| 39) Benzo(a)pyrene            | 23.382 | 252  | 153421   | 0.38 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.778 | 278  | 154723   | 0.38 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.452 | 276  | 166039   | 0.37 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

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