

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032621\  
 Data File : BN014118.D  
 Acq On : 26 Mar 2021 11:15  
 Operator : CG/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Mar 26 13:06:29 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 13:01:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.692  | 152  | 6639     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.467 | 136  | 24172    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.308 | 164  | 12115    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.055 | 188  | 23827    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.229 | 240  | 21364    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.431 | 264  | 20867    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.284  | 112  | 1812     | 0.12 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.855  | 99   | 2279     | 0.12 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.832  | 82   | 1614     | 0.10 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.053 | 152  | 3624     | 0.10 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.805 | 330  | 380      | 0.10 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.938 | 172  | 4560     | 0.10 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.079 | 212  | 6255     | 0.09 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.680 | 244  | 4849     | 0.10 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.231  | 88   | 943      | 0.11 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.121  | 93   | 1789     | 0.10 | ng    | 98       |
| 9) Naphthalene                | 10.505 | 128  | 5958     | 0.10 | ng    | 97       |
| 10) Hexachlorobutadiene       | 10.796 | 225  | 1117     | 0.10 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.124 | 142  | 3866     | 0.10 | ng    | 98       |
| 16) Acenaphthylene            | 14.029 | 152  | 4360     | 0.09 | ng    | 99       |
| 17) Acenaphthene              | 14.372 | 154  | 3334     | 0.10 | ng    | 99       |
| 18) Fluorene                  | 15.361 | 166  | 4027     | 0.09 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.437 | 198  | 248      | 0.09 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.252 | 248  | 1181     | 0.10 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.362 | 284  | 1361     | 0.10 | ng    | 99       |
| 23) Atrazine                  | 16.520 | 200  | 831      | 0.10 | ng    | 95       |
| 25) Phenanthrene              | 17.092 | 178  | 6296     | 0.10 | ng    | 99       |
| 26) Anthracene                | 17.177 | 178  | 5122     | 0.10 | ng    | 99       |
| 28) Fluoranthene              | 19.109 | 202  | 6449     | 0.09 | ng    | 99       |
| 30) Pyrene                    | 19.471 | 202  | 6729     | 0.10 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.208 | 228  | 5963     | 0.10 | ng    | 97       |
| 33) Chrysene                  | 21.261 | 228  | 6569     | 0.10 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 2434     | 0.11 | ng    | # 99     |
| 35) Indeno(1,2,3-cd)pyrene    | 25.629 | 276  | 7475     | 0.10 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.770 | 252  | 7175     | 0.09 | ng    | # 77     |
| 38) Benzo(k)fluoranthene      | 22.812 | 252  | 6794     | 0.09 | ng    | # 82     |
| 39) Benzo(a)pyrene            | 23.335 | 252  | 6087     | 0.09 | ng    | # 70     |
| 40) Dibenzo(a,h)anthracene    | 25.642 | 278  | 6274     | 0.09 | ng    | # 84     |
| 41) Benzo(g,h,i)perylene      | 26.303 | 276  | 6795     | 0.09 | ng    | 97       |
| -----                         |        |      |          |      |       |          |

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

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