

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032822\  
 Data File : BN019216.D  
 Acq On : 29 Mar 2022 03:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022  
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 06:25:28 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 19:03:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4387     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 12022    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.484 | 164  | 6907     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.225 | 188  | 19548    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.413 | 240  | 17160    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.776 | 264  | 14996    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 3539     | 0.342 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 3638     | 0.307 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2838     | 0.305 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 6710     | 0.349 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 1446     | 0.431 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 10390    | 0.358 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.253 | 212  | 24158    | 0.422 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.851 | 244  | 13496    | 0.352 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 1955     | 0.335 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.571  | 42   | 1983     | 0.304 | ng    | # 93     |
| 6) bis(2-Chloroethyl)ether    | 7.262  | 93   | 4237     | 0.331 | ng    | 97       |
| 9) Naphthalene                | 10.690 | 128  | 12401    | 0.366 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.989 | 225  | 2923     | 0.385 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.314 | 142  | 8000     | 0.360 | ng    | 99       |
| 16) Acenaphthylene            | 14.196 | 152  | 11158    | 0.354 | ng    | 99       |
| 17) Acenaphthene              | 14.538 | 154  | 8199     | 0.367 | ng    | 100      |
| 18) Fluorene                  | 15.532 | 166  | 10497    | 0.369 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198  | 869      | 0.273 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 4056     | 0.319 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.538 | 284  | 5694     | 0.379 | ng    | 100      |
| 23) Atrazine                  | 16.682 | 200  | 2830     | 0.321 | ng    | 99       |
| 24) Pentachlorophenol         | 16.887 | 266  | 1855     | 0.345 | ng    | 99       |
| 25) Phenanthrene              | 17.266 | 178  | 22666    | 0.361 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 18009    | 0.346 | ng    | 100      |
| 28) Fluoranthene              | 19.286 | 202  | 30423    | 0.429 | ng    | 99       |
| 30) Pyrene                    | 19.649 | 202  | 31295    | 0.386 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.395 | 228  | 19844    | 0.360 | ng    | 99       |
| 33) Chrysene                  | 21.449 | 228  | 27327    | 0.387 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 11872    | 0.354 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.220 | 276  | 22073m   | 0.368 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.059 | 252  | 20405m   | 0.358 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.103 | 252  | 25416    | 0.352 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.676 | 252  | 18997    | 0.389 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.240 | 278  | 16144    | 0.358 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.968 | 276  | 22076    | 0.358 | ng    | 99       |

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

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