

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092524\  
 Data File : BN034227.D  
 Acq On : 25 Sep 2024 16:32  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 25 18:09:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 16:09:28 2024  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|         | Compound                   | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|---------|----------------------------|-------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0    | 92    | -0.56#   |
| 2       | 1,4-Dioxane                | 0.500 | 0.414 | 17.2   | 76    | -0.45    |
| 3       | n-Nitrosodimethylamine     | 0.569 | 0.466 | 18.1   | 78    | -0.47    |
| 4 S     | 2-Fluorophenol             | 1.135 | 1.055 | 7.0    | 91    | -0.52#   |
| 5 S     | Phenol-d6                  | 1.320 | 1.080 | 18.2   | 83    | -0.53#   |
| 6       | bis(2-Chloroethyl)ether    | 1.168 | 1.065 | 8.8    | 88    | -0.54#   |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 90    | -0.58#   |
| 8 S     | Nitrobenzene-d5            | 0.306 | 0.309 | -1.0   | 99    | -0.57#   |
| 9       | Naphthalene                | 1.098 | 1.060 | 3.5    | 90    | -0.58#   |
| 10      | Hexachlorobutadiene        | 0.207 | 0.209 | -1.0   | 92    | -0.57#   |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.591 | 0.574 | 2.9    | 92    | -0.55#   |
| 12      | 2-Methylnaphthalene        | 0.714 | 0.658 | 7.8    | 87    | -0.55#   |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 81    | -0.48    |
| 14 S    | 2,4,6-Tribromophenol       | 0.181 | 0.059 | 67.4#  | 31#   | -0.46    |
| 15 S    | 2-Fluorobiphenyl           | 1.627 | 1.562 | 4.0    | 81    | -0.51#   |
| 16      | Acenaphthylene             | 1.712 | 1.643 | 4.0    | 87    | -0.50    |
| 17      | Acenaphthene               | 1.228 | 1.188 | 3.3    | 82    | -0.48    |
| 18      | Fluorene                   | 1.612 | 1.485 | 7.9    | 79    | -0.46    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 75    | -0.46    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.057 | 0.003 | 94.7#  | 5#    | -1.52#   |
| 21      | 4-Bromophenyl-phenylether  | 0.225 | 0.232 | -3.1   | 81    | -0.45    |
| 22      | Hexachlorobenzene          | 0.252 | 0.267 | -6.0   | 80    | -0.46    |
| 23      | Atrazine                   | 0.186 | 0.188 | -1.1   | 83    | -0.44    |
| 24      | Pentachlorophenol          | 0.083 | 0.017 | 79.5#  | 18#   | -0.45    |
| 25      | Phenanthrene               | 1.149 | 1.091 | 5.0    | 74    | -0.46    |
| 26      | Anthracene                 | 0.937 | 0.908 | 3.1    | 80    | -0.45    |
| 27 SURR | Fluoranthene-d10           | 1.009 | 1.029 | -2.0   | 81    | -0.43    |
| 28      | Fluoranthene               | 1.331 | 1.266 | 4.9    | 75    | -0.43    |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 67    | -0.41    |
| 30      | Pyrene                     | 1.688 | 1.928 | -14.2  | 76    | -0.43    |
| 31 S    | Terphenyl-d14              | 0.799 | 0.998 | -24.9  | 84    | -0.41    |
| 32      | Benzo(a)anthracene         | 1.265 | 1.064 | 15.9   | 60    | -0.41    |
| 33      | Chrysene                   | 1.510 | 1.523 | -0.9   | 66    | -0.41    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.527 | 0.000 | 100.0# | 0#    | -21.34#  |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 51    | -0.63#   |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.714 | 1.041 | 39.3#  | 30#   | -0.92#   |
| 37      | Benzo(b)fluoranthene       | 1.567 | 1.378 | 12.1   | 48#   | -0.54#   |
| 38      | Benzo(k)fluoranthene       | 1.645 | 1.644 | 0.1    | 52    | -0.55#   |
| 39 C    | Benzo(a)pyrene             | 1.277 | 1.174 | 8.1    | 50    | -0.62#   |
| 40      | Dibenzo(a,h)anthracene     | 1.331 | 0.722 | 45.8#  | 27#   | -0.93#   |
| 41      | Benzo(g,h,i)perylene       | 1.495 | 1.105 | 26.1#  | 37#   | -1.01#   |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

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