

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101023\  
 Data File : BN028210.D  
 Acq On : 10 Oct 2023 22:53  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 11 02:35:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 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     | 106   | 0.00     |
| 2       | 1,4-Dioxane                | 0.449 | 0.482 | -7.3    | 111   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.514 | 0.521 | -1.4    | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.193 | 1.196 | -0.3    | 114   | 0.00     |
| 5 S     | Phenol-d6                  | 1.506 | 1.458 | 3.2     | 113   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.212 | 1.189 | 1.9     | 104   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 99    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.340 | 0.348 | -2.4    | 106   | 0.00     |
| 9       | Naphthalene                | 1.034 | 1.060 | -2.5    | 102   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.184 | 0.186 | -1.1    | 100   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.593 | 0.561 | 5.4     | 94    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.723 | 0.719 | 0.6     | 97    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 86    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.183 | 0.172 | 6.0     | 86    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.442 | 1.440 | 0.1     | 87    | 0.00     |
| 16      | Acenaphthylene             | 1.772 | 4.353 | -145.7# | 211#  | -0.01    |
| 17      | Acenaphthene               | 1.130 | 1.466 | -29.7#  | 110   | 0.00     |
| 18      | Fluorene                   | 1.467 | 1.758 | -19.8   | 100   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 79    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.005 | 0.006 | -20.0   | 85    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.209 | 0.209 | 0.0     | 79    | -0.01    |
| 22      | Hexachlorobenzene          | 0.219 | 0.223 | -1.8    | 77    | 0.00     |
| 23      | Atrazine                   | 0.182 | 0.176 | 3.3     | 75    | 0.00     |
| 24      | Pentachlorophenol          | 0.103 | 0.078 | 24.3    | 69    | 0.00     |
| 25      | Phenanthrene               | 1.078 | 1.190 | -10.4   | 86    | 0.00     |
| 26      | Anthracene                 | 1.019 | 1.146 | -12.5   | 87    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.005 | 1.022 | -1.7    | 76    | 0.00     |
| 28      | Fluoranthene               | 1.245 | 1.438 | -15.5   | 86    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 76    | 0.00     |
| 30      | Pyrene                     | 1.467 | 1.701 | -16.0   | 90    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.933 | 0.864 | 7.4     | 75    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.361 | 1.565 | -15.0   | 85    | 0.00     |
| 33      | Chrysene                   | 1.312 | 1.510 | -15.1   | 86    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.895 | 1.102 | -23.1   | 91    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 90    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.345 | 1.518 | -12.9   | 111   | 0.01     |
| 37      | Benzo(b)fluoranthene       | 1.292 | 1.333 | -3.2    | 92    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.310 | 1.334 | -1.8    | 91    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.222 | 1.320 | -8.0    | 98    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.101 | 1.219 | -10.7   | 108   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.130 | 1.300 | -15.0   | 115   | 0.00     |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4