

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101023\  
 Data File : BN028193.D  
 Acq On : 10 Oct 2023 12:36  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 10 13:17:23 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    | 90    | 0.00     |
| 2       | 1,4-Dioxane                | 0.449 | 0.525 | -16.9  | 102   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.514 | 0.569 | -10.7  | 99    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.193 | 1.227 | -2.8   | 99    | 0.00     |
| 5 S     | Phenol-d6                  | 1.506 | 1.469 | 2.5    | 96    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.212 | 1.226 | -1.2   | 91    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 81    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.340 | 0.359 | -5.6   | 90    | 0.00     |
| 9       | Naphthalene                | 1.034 | 1.137 | -10.0  | 90    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.184 | 0.195 | -6.0   | 86    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.593 | 0.589 | 0.7    | 81    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.723 | 0.735 | -1.7   | 82    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 70    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.183 | 0.144 | 21.3   | 58    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.442 | 1.495 | -3.7   | 73    | 0.01     |
| 16      | Acenaphthylene             | 1.772 | 2.280 | -28.7# | 90    | 0.00     |
| 17      | Acenaphthene               | 1.130 | 1.276 | -12.9  | 77    | 0.00     |
| 18      | Fluorene                   | 1.467 | 1.576 | -7.4   | 73    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 64    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.005 | 0.004 | 20.0   | 53    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.209 | 0.204 | 2.4    | 62    | 0.00     |
| 22      | Hexachlorobenzene          | 0.219 | 0.233 | -6.4   | 66    | 0.00     |
| 23      | Atrazine                   | 0.182 | 0.154 | 15.4   | 53    | 0.00     |
| 24      | Pentachlorophenol          | 0.103 | 0.071 | 31.1#  | 51    | 0.00     |
| 25      | Phenanthrene               | 1.078 | 1.225 | -13.6  | 71    | 0.00     |
| 26      | Anthracene                 | 1.019 | 1.065 | -4.5   | 66    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.005 | 1.025 | -2.0   | 61    | 0.00     |
| 28      | Fluoranthene               | 1.245 | 1.464 | -17.6  | 71    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 62    | 0.00     |
| 30      | Pyrene                     | 1.467 | 1.639 | -11.7  | 70    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.933 | 0.884 | 5.3    | 62    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.361 | 1.479 | -8.7   | 65    | 0.00     |
| 33      | Chrysene                   | 1.312 | 1.493 | -13.8  | 68    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.895 | 0.923 | -3.1   | 62    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 75    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.345 | 1.559 | -15.9  | 95    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.292 | 1.276 | 1.2    | 74    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.310 | 1.318 | -0.6   | 75    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.222 | 1.269 | -3.8   | 78    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.101 | 1.262 | -14.6  | 94    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.130 | 1.321 | -16.9  | 97    | 0.00     |

(#) = Out of Range

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

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SSTDCCC0.4