

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062124\  
 Data File : BN032129.D  
 Acq On : 21 Jun 2024 13:39  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 21 14:55:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 19 11:30:34 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    | 89    | 0.00     |
| 2       | 1,4-Dioxane                | 0.490 | 0.507 | -3.5   | 106   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.465 | 0.361 | 22.4   | 81    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.137 | 0.987 | 13.2   | 88    | 0.00     |
| 5 S     | Phenol-d6                  | 1.491 | 1.363 | 8.6    | 94    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.284 | 1.040 | 19.0   | 83    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.332 | 0.295 | 11.1   | 98    | 0.00     |
| 9       | Naphthalene                | 1.077 | 1.044 | 3.1    | 105   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.188 | 0.202 | -7.4   | 116   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.637 | 0.624 | 2.0    | 107   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.736 | 0.744 | -1.1   | 110   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 96    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.192 | 0.170 | 11.5   | 106   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.517 | 1.485 | 2.1    | 109   | -0.01    |
| 16      | Acenaphthylene             | 1.844 | 1.721 | 6.7    | 108   | -0.01    |
| 17      | Acenaphthene               | 1.187 | 1.124 | 5.3    | 106   | -0.01    |
| 18      | Fluorene                   | 1.586 | 1.456 | 8.2    | 103   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 82    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.069 | 0.018 | 73.9#  | 35#   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.227 | 0.239 | -5.3   | 102   | -0.01    |
| 22      | Hexachlorobenzene          | 0.235 | 0.266 | -13.2  | 108   | 0.00     |
| 23      | Atrazine                   | 0.208 | 0.189 | 9.1    | 89    | 0.00     |
| 24      | Pentachlorophenol          | 0.117 | 0.076 | 35.0#  | 76    | 0.00     |
| 25      | Phenanthrene               | 1.110 | 1.095 | 1.4    | 95    | -0.01    |
| 26      | Anthracene                 | 1.030 | 1.004 | 2.5    | 97    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.089 | 0.903 | 17.1   | 80    | 0.00     |
| 28      | Fluoranthene               | 1.346 | 1.163 | 13.6   | 83    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 56    | 0.00     |
| 30      | Pyrene                     | 1.589 | 1.907 | -20.0  | 80    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.978 | 1.108 | -13.3  | 76    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.507 | 1.496 | 0.7    | 67    | 0.00     |
| 33      | Chrysene                   | 1.424 | 1.413 | 0.8    | 66    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 1.029 | 1.345 | -30.7# | 87    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 49#   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.492 | 1.612 | -8.0   | 66    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.458 | 1.524 | -4.5   | 61    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.378 | 1.484 | -7.7   | 63    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.258 | 1.259 | -0.1   | 59    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.176 | 1.277 | -8.6   | 67    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.263 | 1.343 | -6.3   | 66    | 0.00     |

(#) = Out of Range

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

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