

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072724\  
 Data File : BN033055.D  
 Acq On : 28 Jul 2024 05:24  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 29 01:12:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jul 21 23:33:21 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    | 94    | -0.01    |
| 2       | 1,4-Dioxane                | 0.496 | 0.710 | -43.1# | 134   | -0.02    |
| 3       | n-Nitrosodimethylamine     | 0.419 | 0.542 | -29.4# | 120   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.012 | 1.860 | -83.8# | 168#  | 0.02     |
| 5 S     | Phenol-d6                  | 1.256 | 2.287 | -82.1# | 170#  | 0.03     |
| 6       | bis(2-Chloroethyl)ether    | 1.050 | 1.070 | -1.9   | 95    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 99    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.301 | 0.342 | -13.6  | 116   | 0.05     |
| 9       | Naphthalene                | 1.108 | 1.164 | -5.1   | 104   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.212 | 0.216 | -1.9   | 100   | -0.04    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.612 | 0.593 | 3.1    | 98    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.724 | 0.696 | 3.9    | 99    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 100   | -0.02    |
| 14 S    | 2,4,6-Tribromophenol       | 0.171 | 0.134 | 21.6   | 88    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.489 | 1.461 | 1.9    | 99    | 0.00     |
| 16      | Acenaphthylene             | 1.627 | 1.596 | 1.9    | 107   | 0.00     |
| 17      | Acenaphthene               | 1.153 | 1.143 | 0.9    | 100   | -0.02    |
| 18      | Fluorene                   | 1.541 | 1.508 | 2.1    | 99    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 96    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.056 | 0.015 | 73.2#  | 42#   | 0.05     |
| 21      | 4-Bromophenyl-phenylether  | 0.235 | 0.224 | 4.7    | 94    | 0.00     |
| 22      | Hexachlorobenzene          | 0.263 | 0.241 | 8.4    | 90    | -0.02    |
| 23      | Atrazine                   | 0.173 | 0.163 | 5.8    | 102   | 0.00     |
| 24      | Pentachlorophenol          | 0.098 | 0.065 | 33.7#  | 77    | 0.00     |
| 25      | Phenanthrene               | 1.093 | 1.073 | 1.8    | 98    | 0.00     |
| 26      | Anthracene                 | 0.900 | 0.738 | 18.0   | 90    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.035 | 1.003 | 3.1    | 98    | -0.01    |
| 28      | Fluoranthene               | 1.323 | 1.301 | 1.7    | 100   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 106   | -0.01    |
| 30      | Pyrene                     | 1.634 | 1.634 | 0.0    | 103   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.820 | 0.792 | 3.4    | 99    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.265 | 1.157 | 8.5    | 103   | 0.00     |
| 33      | Chrysene                   | 1.504 | 1.614 | -7.3   | 111   | -0.01    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.700 | 0.895 | -27.9# | 158#  | -0.02    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 113   | -0.01    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.577 | 1.481 | 6.1    | 109   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.393 | 1.292 | 7.3    | 111   | -0.01    |
| 38      | Benzo(k)fluoranthene       | 1.592 | 1.620 | -1.8   | 115   | -0.01    |
| 39 C    | Benzo(a)pyrene             | 1.256 | 1.204 | 4.1    | 113   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.245 | 1.163 | 6.6    | 108   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.379 | 1.355 | 1.7    | 111   | -0.01    |

(#) = Out of Range

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

**Instrument :**  
BNA\_N  
**LabSampleId :**  
SSTDCCC0.4