

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052623\  
 Data File : BN025623.D  
 Acq On : 27 May 2023 00:55  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 27 04:38:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 27 03:51:06 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   | 130   | 0.00     |
| 2       | 1,4-Dioxane                | 0.463 | 0.473 | -2.2  | 125   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.499 | 0.433 | 13.2  | 117   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.025 | 1.057 | -3.1  | 132   | 0.00     |
| 5 S     | Phenol-d6                  | 1.229 | 1.237 | -0.7  | 132   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.265 | 1.229 | 2.8   | 124   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 130   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.335 | 0.321 | 4.2   | 130   | 0.00     |
| 9       | Naphthalene                | 1.094 | 1.106 | -1.1  | 131   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.190 | 0.194 | -2.1  | 129   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.571 | 0.577 | -1.1  | 134   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.753 | 0.758 | -0.7  | 134   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 135   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.081 | 0.076 | 6.2   | 164#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.651 | 1.677 | -1.6  | 135   | 0.00     |
| 16      | Acenaphthylene             | 1.889 | 1.883 | 0.3   | 136   | 0.00     |
| 17      | Acenaphthene               | 1.244 | 1.264 | -1.6  | 135   | 0.00     |
| 18      | Fluorene                   | 1.645 | 1.668 | -1.4  | 137   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 139   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.061 | 0.037 | 39.3# | 138   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.227 | 0.229 | -0.9  | 138   | 0.00     |
| 22      | Hexachlorobenzene          | 0.208 | 0.212 | -1.9  | 137   | 0.01     |
| 23      | Atrazine                   | 0.181 | 0.174 | 3.9   | 136   | 0.00     |
| 24      | Pentachlorophenol          | 0.032 | 0.008 | 75.0# | 385#  | 0.04     |
| 25      | Phenanthrene               | 1.218 | 1.214 | 0.3   | 137   | 0.01     |
| 26      | Anthracene                 | 1.101 | 1.077 | 2.2   | 138   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.906 | 0.857 | 5.4   | 135   | 0.00     |
| 28      | Fluoranthene               | 1.327 | 1.247 | 6.0   | 136   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 129   | 0.00     |
| 30      | Pyrene                     | 1.947 | 2.232 | -14.6 | 134   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.876 | 0.963 | -9.9  | 136   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.490 | 1.501 | -0.7  | 129   | 0.00     |
| 33      | Chrysene                   | 1.617 | 1.669 | -3.2  | 133   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.907 | 0.872 | 3.9   | 131   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 126   | -0.01    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.534 | 1.608 | -4.8  | 128   | -0.04    |
| 37      | Benzo(b)fluoranthene       | 1.523 | 1.550 | -1.8  | 130   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.586 | 1.559 | 1.7   | 119   | -0.01    |
| 39 C    | Benzo(a)pyrene             | 1.455 | 1.453 | 0.1   | 122   | -0.01    |
| 40      | Dibenzo(a,h)anthracene     | 1.215 | 1.272 | -4.7  | 130   | -0.04    |
| 41      | Benzo(g,h,i)perylene       | 1.386 | 1.455 | -5.0  | 124   | -0.03    |

(#) = Out of Range

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

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