

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121620\  
 Data File : BN013167.D  
 Acq On : 16 Dec 2020 16:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 16 16:43:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 16:49:20 2020  
 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    | 115   | 0.00     |
| 2       | 1,4-Dioxane                | 0.698 | 0.625 | 10.5   | 103   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 1.158 | 1.055 | 8.9    | 96    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.639 | 1.556 | 5.1    | 94    | 0.00     |
| 5 S     | Phenol-d6                  | 1.663 | 1.516 | 8.8    | 105   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.036 | 0.793 | 23.5   | 99    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.413 | 0.354 | 14.3   | 85    | 0.00     |
| 9       | Naphthalene                | 1.226 | 1.078 | 12.1   | 83    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.262 | 0.267 | -1.9   | 95    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.705 | 0.620 | 12.1   | 84    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.831 | 0.732 | 11.9   | 85    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 94    | 0.01     |
| 14 S    | 2,4,6-Tribromophenol       | 0.252 | 0.217 | 13.9   | 89    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.677 | 1.490 | 11.2   | 84    | 0.00     |
| 16      | Acenaphthylene             | 2.105 | 1.805 | 14.3   | 82    | 0.00     |
| 17      | Acenaphthene               | 1.333 | 1.171 | 12.2   | 83    | 0.01     |
| 18      | Fluorene                   | 1.755 | 1.561 | 11.1   | 86    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 96    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.075 | 0.046 | 38.7#  | 76    | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.078 | 0.102 | -30.8# | 136   | -0.01    |
| 22      | Hexachlorobenzene          | 0.275 | 0.244 | 11.3   | 82    | 0.00     |
| 23      | Atrazine                   | 0.239 | 0.191 | 20.1   | 83    | 0.00     |
| 24      | Pentachlorophenol          | 0.116 | 0.093 | 19.8   | 85    | -0.01    |
| 25      | Phenanthrene               | 1.301 | 1.096 | 15.8   | 84    | 0.00     |
| 26      | Anthracene                 | 1.154 | 0.921 | 20.2   | 83    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.316 | 1.115 | 15.3   | 84    | 0.00     |
| 28      | Fluoranthene               | 1.586 | 1.325 | 16.5   | 83    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 96    | 0.00     |
| 30      | Pyrene                     | 1.557 | 1.338 | 14.1   | 84    | 0.00     |
| 31 S    | Terphenyl-d14              | 1.016 | 0.881 | 13.3   | 84    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.406 | 1.124 | 20.1   | 78    | 0.00     |
| 33      | Chrysene                   | 1.493 | 1.357 | 9.1    | 90    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 1.445 | 0.595 | 58.8#  | 55    | 0.00     |
| 35      | Indeno(1,2,3-cd)pyrene     | 2.061 | 1.905 | 7.6    | 82    | 0.00     |
| 36 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 91    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.412 | 1.238 | 12.3   | 80    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.613 | 1.411 | 12.5   | 84    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.403 | 1.273 | 9.3    | 82    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.521 | 1.386 | 8.9    | 83    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.621 | 1.522 | 6.1    | 85    | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4