

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102720\  
 Data File : BN012413.D  
 Acq On : 27 Oct 2020 17:38  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 27 18:07:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 27 11:36:24 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   | 94    | 0.00     |
| 2       | 1,4-Dioxane                | 0.651 | 0.544 | 16.4  | 93    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 1.581 | 1.299 | 17.8  | 86    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.398 | 1.259 | 9.9   | 95    | 0.00     |
| 5 S     | Phenol-d6                  | 1.655 | 1.466 | 11.4  | 94    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.127 | 0.825 | 26.8# | 77    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.441 | 0.365 | 17.2  | 92    | 0.01     |
| 9       | Naphthalene                | 1.120 | 1.018 | 9.1   | 98    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.237 | 0.221 | 6.8   | 98    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.643 | 0.570 | 11.4  | 97    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.727 | 0.647 | 11.0  | 95    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 91    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.284 | 0.256 | 9.9   | 97    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.488 | 1.359 | 8.7   | 96    | 0.00     |
| 16      | Acenaphthylene             | 1.975 | 1.764 | 10.7  | 96    | 0.00     |
| 17      | Acenaphthene               | 1.262 | 1.129 | 10.5  | 94    | 0.00     |
| 18      | Fluorene                   | 1.608 | 1.437 | 10.6  | 95    | 0.01     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.093 | 0.074 | 20.4  | 82    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.243 | 0.210 | 13.6  | 90    | 0.00     |
| 22      | Hexachlorobenzene          | 0.294 | 0.278 | 5.4   | 95    | 0.01     |
| 23      | Atrazine                   | 0.232 | 0.208 | 10.3  | 92    | 0.00     |
| 24      | Pentachlorophenol          | 0.137 | 0.127 | 7.3   | 100   | 0.01     |
| 25      | Phenanthrene               | 1.167 | 1.073 | 8.1   | 97    | 0.00     |
| 26      | Anthracene                 | 1.081 | 0.913 | 15.5  | 90    | 0.01     |
| 27 SURR | Fluoranthene-d10           | 1.235 | 1.117 | 9.6   | 94    | 0.00     |
| 28      | Fluoranthene               | 1.388 | 1.270 | 8.5   | 95    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 86    | 0.01     |
| 30      | Pyrene                     | 1.353 | 1.300 | 3.9   | 96    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.939 | 0.891 | 5.1   | 94    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.217 | 1.135 | 6.7   | 93    | 0.00     |
| 33      | Chrysene                   | 1.365 | 1.263 | 7.5   | 94    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.797 | 0.764 | 4.1   | 96    | 0.00     |
| 35      | Indeno(1,2,3-cd)pyrene     | 1.961 | 1.768 | 9.8   | 87    | 0.00     |
| 36 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 83    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.262 | 1.158 | 8.2   | 90    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.375 | 1.267 | 7.9   | 89    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.225 | 1.146 | 6.4   | 90    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.383 | 1.215 | 12.1  | 84    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.453 | 1.319 | 9.2   | 84    | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4