

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121720\  
 Data File : BN013197.D  
 Acq On : 17 Dec 2020 21:49  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 18 03:06:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 17 12:34:52 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   | 110   | 0.00     |
| 2       | 1,4-Dioxane                | 0.698 | 0.803 | -15.0 | 126   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 1.158 | 0.893 | 22.9  | 77    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.639 | 1.396 | 14.8  | 81    | 0.00     |
| 5 S     | Phenol-d6                  | 1.663 | 1.424 | 14.4  | 94    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.036 | 0.714 | 31.1# | 85    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 98    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.413 | 0.356 | 13.8  | 88    | 0.01     |
| 9       | Naphthalene                | 1.226 | 1.067 | 13.0  | 85    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.262 | 0.251 | 4.2   | 92    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.705 | 0.541 | 23.3  | 75    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.831 | 0.630 | 24.2  | 75    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 84    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.252 | 0.213 | 15.5  | 79    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.677 | 1.499 | 10.6  | 76    | 0.00     |
| 16      | Acenaphthylene             | 2.105 | 1.814 | 13.8  | 74    | 0.00     |
| 17      | Acenaphthene               | 1.333 | 1.173 | 12.0  | 75    | 0.00     |
| 18      | Fluorene                   | 1.755 | 1.519 | 13.4  | 75    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 85    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.075 | 0.043 | 42.7# | 64    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.078 | 0.081 | -3.8  | 96    | 0.00     |
| 22      | Hexachlorobenzene          | 0.275 | 0.242 | 12.0  | 72    | 0.00     |
| 23      | Atrazine                   | 0.239 | 0.182 | 23.8  | 71    | 0.00     |
| 24      | Pentachlorophenol          | 0.116 | 0.089 | 23.3  | 72    | 0.00     |
| 25      | Phenanthrene               | 1.301 | 1.092 | 16.1  | 75    | -0.01    |
| 26      | Anthracene                 | 1.154 | 0.889 | 23.0  | 71    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.316 | 1.114 | 15.3  | 75    | 0.00     |
| 28      | Fluoranthene               | 1.586 | 1.340 | 15.5  | 75    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 83    | 0.00     |
| 30      | Pyrene                     | 1.557 | 1.378 | 11.5  | 74    | 0.00     |
| 31 S    | Terphenyl-d14              | 1.016 | 0.899 | 11.5  | 74    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.406 | 1.085 | 22.8  | 65    | 0.00     |
| 33      | Chrysene                   | 1.493 | 1.462 | 2.1   | 83    | -0.01    |
| 34      | Bis(2-ethylhexyl)phthalate | 1.445 | 0.630 | 56.4# | 50    | 0.00     |
| 35      | Indeno(1,2,3-cd)pyrene     | 2.061 | 1.903 | 7.7   | 70    | -0.01    |
| 36 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 78    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.412 | 1.290 | 8.6   | 72    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.613 | 1.474 | 8.6   | 76    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.403 | 1.262 | 10.0  | 70    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.521 | 1.350 | 11.2  | 70    | -0.01    |
| 41      | Benzo(g,h,i)perylene       | 1.621 | 1.558 | 3.9   | 75    | -0.01    |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4