

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070121\  
 Data File : BN015289.D  
 Acq On : 02 Jul 2021 09:59  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jul 02 10:30:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 09:06:31 2021  
 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    | 104   | 0.00     |
| 2       | 1,4-Dioxane                | 0.188 | 0.179 | 4.8    | 101   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.352 | 0.343 | 2.6    | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.019 | 1.094 | -7.4   | 117   | -0.02    |
| 5 S     | Phenol-d6                  | 1.284 | 1.331 | -3.7   | 112   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.263 | 1.332 | -5.5   | 107   | -0.02    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 104   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.224 | 0.303 | -35.3# | 168#  | 0.00     |
| 9       | Naphthalene                | 1.148 | 1.143 | 0.4    | 103   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.216 | 0.219 | -1.4   | 106   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.663 | 0.641 | 3.3    | 104   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.736 | 0.739 | -0.4   | 104   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 104   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.107 | 0.112 | -4.7   | 157#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.625 | 1.606 | 1.2    | 103   | 0.00     |
| 16      | Acenaphthylene             | 1.772 | 1.791 | -1.1   | 116   | -0.01    |
| 17      | Acenaphthene               | 1.242 | 1.214 | 2.3    | 104   | 0.00     |
| 18      | Fluorene                   | 1.513 | 1.464 | 3.2    | 101   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 102   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.008 | 0.003 | 62.5#  | 112   | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.254 | 0.244 | 3.9    | 101   | 0.00     |
| 22      | Hexachlorobenzene          | 0.288 | 0.288 | 0.0    | 102   | -0.01    |
| 23      | Atrazine                   | 0.147 | 0.147 | 0.0    | 138   | 0.00     |
| 24      | Pentachlorophenol          | 0.043 | 0.036 | 16.3   | 190#  | 0.00     |
| 25      | Phenanthrene               | 1.288 | 1.257 | 2.4    | 100   | 0.00     |
| 26      | Anthracene                 | 1.104 | 1.048 | 5.1    | 103   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.181 | 1.093 | 7.5    | 102   | 0.00     |
| 28      | Fluoranthene               | 1.385 | 1.355 | 2.2    | 100   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 88    | -0.01    |
| 30      | Pyrene                     | 1.522 | 1.709 | -12.3  | 101   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.936 | 1.018 | -8.8   | 97    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.372 | 1.288 | 6.1    | 88    | 0.00     |
| 33      | Chrysene                   | 1.495 | 1.492 | 0.2    | 88    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.451 | 0.531 | -17.7  | 168#  | -0.01    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 85    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.433 | 1.123 | 21.6   | 69    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.568 | 1.589 | -1.3   | 87    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.674 | 1.658 | 1.0    | 84    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.434 | 1.386 | 3.3    | 84    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.124 | 0.828 | 26.3#  | 66    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.241 | 1.012 | 18.5   | 72    | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4