

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101321\  
 Data File : BN016921.D  
 Acq On : 13 Oct 2021 06:12  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 13 06:44:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN101321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 13 02:19:57 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   | 110   | 0.00     |
| 2       | 1,4-Dioxane                | 0.267 | 0.278 | -4.1  | 112   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.307 | 0.321 | -4.6  | 118   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.908 | 0.969 | -6.7  | 121   | 0.00     |
| 5 S     | Phenol-d6                  | 1.011 | 1.067 | -5.5  | 121   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.083 | 1.130 | -4.3  | 114   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 112   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.254 | 0.248 | 2.4   | 121   | 0.00     |
| 9       | Naphthalene                | 1.039 | 1.020 | 1.8   | 110   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.206 | 0.201 | 2.4   | 110   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.560 | 0.556 | 0.7   | 113   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.660 | 0.663 | -0.5  | 112   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 112   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.181 | 0.171 | 5.5   | 129   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.515 | 1.505 | 0.7   | 110   | 0.00     |
| 16      | Acenaphthylene             | 1.621 | 1.609 | 0.7   | 117   | 0.00     |
| 17      | Acenaphthene               | 1.112 | 1.099 | 1.2   | 112   | 0.00     |
| 18      | Fluorene                   | 1.325 | 1.321 | 0.3   | 112   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 112   | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.049 | 0.029 | 40.8# | 85    | -0.01    |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.228 | 2.6   | 114   | 0.00     |
| 22      | Hexachlorobenzene          | 0.272 | 0.266 | 2.2   | 111   | 0.00     |
| 23      | Atrazine                   | 0.147 | 0.155 | -5.4  | 127   | 0.00     |
| 24      | Pentachlorophenol          | 0.092 | 0.082 | 10.9  | 128   | 0.00     |
| 25      | Phenanthrene               | 1.138 | 1.121 | 1.5   | 111   | 0.00     |
| 26      | Anthracene                 | 0.972 | 0.967 | 0.5   | 117   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.005 | 1.036 | -3.1  | 120   | 0.00     |
| 28      | Fluoranthene               | 1.230 | 1.305 | -6.1  | 118   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 119   | 0.00     |
| 30      | Pyrene                     | 1.272 | 1.249 | 1.8   | 119   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.878 | 0.851 | 3.1   | 118   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.204 | 1.226 | -1.8  | 127   | 0.00     |
| 33      | Chrysene                   | 1.302 | 1.307 | -0.4  | 118   | -0.01    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.530 | 0.584 | -10.2 | 172#  | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 117   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.514 | 1.485 | 1.9   | 114   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.281 | 1.305 | -1.9  | 123   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.271 | 1.325 | -4.2  | 120   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.171 | 1.194 | -2.0  | 123   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.228 | 1.230 | -0.2  | 116   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.313 | 1.218 | 7.2   | 109   | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4