

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092121\  
 Data File : BN016402.D  
 Acq On : 22 Sep 2021 08:26  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 22 08:56:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 13:21:55 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     | 113   | 0.00     |
| 2       | 1,4-Dioxane                | 0.166 | 0.174 | -4.8    | 105   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.380 | 0.400 | -5.3    | 115   | 0.03     |
| 4 S     | 2-Fluorophenol             | 1.004 | 0.986 | 1.8     | 109   | 0.00     |
| 5 S     | Phenol-d6                  | 1.217 | 1.174 | 3.5     | 107   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.084 | 1.117 | -3.0    | 114   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 107   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.238 | 0.274 | -15.1   | 136   | 0.00     |
| 9       | Naphthalene                | 1.078 | 1.036 | 3.9     | 103   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.205 | 0.206 | -0.5    | 108   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.630 | 0.601 | 4.6     | 102   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.714 | 0.688 | 3.6     | 102   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 105   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.117 | 0.125 | -6.8    | 124   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.565 | 1.543 | 1.4     | 104   | 0.00     |
| 16      | Acenaphthylene             | 1.861 | 1.615 | 13.2    | 91    | 0.00     |
| 17      | Acenaphthene               | 1.154 | 1.129 | 2.2     | 103   | 0.00     |
| 18      | Fluorene                   | 1.432 | 1.364 | 4.7     | 100   | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 109   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.017 | 0.035 | -105.9# | 368#  | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.225 | 3.8     | 105   | 0.00     |
| 22      | Hexachlorobenzene          | 0.221 | 0.223 | -0.9    | 109   | 0.00     |
| 23      | Atrazine                   | 0.214 | 0.173 | 19.2    | 93    | 0.00     |
| 24      | Pentachlorophenol          | 0.074 | 0.085 | -14.9   | 151#  | 0.00     |
| 25      | Phenanthrene               | 1.130 | 1.145 | -1.3    | 110   | 0.00     |
| 26      | Anthracene                 | 1.095 | 0.970 | 11.4    | 95    | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.158 | 1.096 | 5.4     | 103   | 0.00     |
| 28      | Fluoranthene               | 1.302 | 1.303 | -0.1    | 108   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 106   | -0.01    |
| 30      | Pyrene                     | 1.265 | 1.369 | -8.2    | 104   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.927 | 0.998 | -7.7    | 106   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.285 | 1.264 | 1.6     | 97    | 0.00     |
| 33      | Chrysene                   | 1.243 | 1.329 | -6.9    | 106   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.693 | 0.570 | 17.7    | 90    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 100   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.292 | 1.416 | -9.6    | 105   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.270 | 1.300 | -2.4    | 93    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.223 | 1.338 | -9.4    | 102   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.149 | 1.147 | 0.2     | 93    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.097 | 1.217 | -10.9   | 106   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.091 | 1.178 | -8.0    | 104   | -0.01    |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4