

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092421\  
 Data File : BN016450.D  
 Acq On : 25 Sep 2021 00:02  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 25 05:06:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 03:35:41 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   | 106   | 0.00     |
| 2       | 1,4-Dioxane                | 0.171 | 0.157 | 8.2   | 105   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.412 | 0.416 | -1.0  | 116   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.897 | 0.810 | 9.7   | 103   | 0.00     |
| 5 S     | Phenol-d6                  | 1.059 | 0.958 | 9.5   | 104   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.072 | 1.078 | -0.6  | 109   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 107   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.283 | 0.269 | 4.9   | 125   | 0.00     |
| 9       | Naphthalene                | 1.067 | 0.999 | 6.4   | 106   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.212 | 0.207 | 2.4   | 111   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.593 | 0.560 | 5.6   | 108   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.676 | 0.651 | 3.7   | 109   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 110   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.108 | 0.096 | 11.1  | 118   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.680 | 1.547 | 7.9   | 109   | -0.01    |
| 16      | Acenaphthylene             | 1.627 | 1.510 | 7.2   | 119   | 0.00     |
| 17      | Acenaphthene               | 1.155 | 1.060 | 8.2   | 109   | 0.00     |
| 18      | Fluorene                   | 1.387 | 1.293 | 6.8   | 113   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 113   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.040 | 0.018 | 55.0# | 86    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.233 | 0.213 | 8.6   | 115   | 0.00     |
| 22      | Hexachlorobenzene          | 0.231 | 0.220 | 4.8   | 117   | 0.00     |
| 23      | Atrazine                   | 0.167 | 0.134 | 19.8  | 118   | -0.01    |
| 24      | Pentachlorophenol          | 0.083 | 0.059 | 28.9# | 115   | 0.00     |
| 25      | Phenanthrene               | 1.190 | 1.096 | 7.9   | 113   | 0.00     |
| 26      | Anthracene                 | 0.992 | 0.879 | 11.4  | 117   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.098 | 0.992 | 9.7   | 115   | 0.00     |
| 28      | Fluoranthene               | 1.305 | 1.234 | 5.4   | 117   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 120   | 0.00     |
| 30      | Pyrene                     | 1.252 | 1.216 | 2.9   | 117   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.930 | 0.892 | 4.1   | 115   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.160 | 1.093 | 5.8   | 125   | 0.00     |
| 33      | Chrysene                   | 1.246 | 1.254 | -0.6  | 119   | -0.01    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.316 | 0.358 | -13.3 | 147   | -0.01    |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 132   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.296 | 1.183 | 8.7   | 126   | -0.01    |
| 37      | Benzo(b)fluoranthene       | 1.336 | 1.216 | 9.0   | 122   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.292 | 1.273 | 1.5   | 130   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.090 | 1.005 | 7.8   | 131   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.104 | 0.999 | 9.5   | 124   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.134 | 0.977 | 13.8  | 117   | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4