

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092021\  
 Data File : BN016337.D  
 Acq On : 20 Sep 2021 10:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 20 11:10:24 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 20 11:09:23 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   | 101   | 0.00     |
| 2       | 1,4-Dioxane                | 0.166 | 0.157 | 5.4   | 85    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.380 | 0.390 | -2.6  | 100   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.004 | 0.945 | 5.9   | 94    | 0.00     |
| 5 S     | Phenol-d6                  | 1.217 | 1.109 | 8.9   | 90    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.084 | 1.094 | -0.9  | 100   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.238 | 0.238 | 0.0   | 107   | 0.00     |
| 9       | Naphthalene                | 1.078 | 1.038 | 3.7   | 93    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.205 | 0.206 | -0.5  | 98    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.630 | 0.605 | 4.0   | 93    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.714 | 0.694 | 2.8   | 93    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.117 | 0.114 | 2.6   | 102   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.565 | 1.552 | 0.8   | 95    | 0.00     |
| 16      | Acenaphthylene             | 1.861 | 1.560 | 16.2  | 80    | 0.00     |
| 17      | Acenaphthene               | 1.154 | 1.112 | 3.6   | 92    | 0.00     |
| 18      | Fluorene                   | 1.432 | 1.365 | 4.7   | 91    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.017 | 0.021 | -23.5 | 204#  | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.218 | 6.8   | 92    | 0.00     |
| 22      | Hexachlorobenzene          | 0.221 | 0.221 | 0.0   | 98    | 0.00     |
| 23      | Atrazine                   | 0.214 | 0.156 | 27.1# | 76    | 0.00     |
| 24      | Pentachlorophenol          | 0.074 | 0.076 | -2.7  | 124   | 0.00     |
| 25      | Phenanthrene               | 1.130 | 1.133 | -0.3  | 99    | 0.00     |
| 26      | Anthracene                 | 1.095 | 0.986 | 10.0  | 88    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.158 | 1.149 | 0.8   | 98    | 0.00     |
| 28      | Fluoranthene               | 1.302 | 1.351 | -3.8  | 102   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 30      | Pyrene                     | 1.265 | 1.277 | -0.9  | 99    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.927 | 0.932 | -0.5  | 101   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.285 | 1.269 | 1.2   | 99    | 0.00     |
| 33      | Chrysene                   | 1.243 | 1.331 | -7.1  | 108   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.693 | 0.472 | 31.9# | 76    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 94    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.292 | 1.051 | 18.7  | 73    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.270 | 1.482 | -16.7 | 100   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.223 | 1.363 | -11.4 | 97    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.149 | 1.199 | -4.4  | 91    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.097 | 0.870 | 20.7  | 71    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.091 | 0.883 | 19.1  | 73    | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4