

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101321\  
 Data File : BN016934.D  
 Acq On : 13 Oct 2021 18:03  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 14 02:10:21 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   | 93    | 0.00     |
| 2       | 1,4-Dioxane                | 0.267 | 0.268 | -0.4  | 91    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.307 | 0.312 | -1.6  | 97    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.908 | 0.911 | -0.3  | 96    | 0.00     |
| 5 S     | Phenol-d6                  | 1.011 | 0.987 | 2.4   | 95    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.083 | 1.080 | 0.3   | 92    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 91    | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.254 | 0.236 | 7.1   | 94    | 0.00     |
| 9       | Naphthalene                | 1.039 | 1.025 | 1.3   | 90    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.206 | 0.203 | 1.5   | 90    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.560 | 0.540 | 3.6   | 89    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.660 | 0.656 | 0.6   | 90    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.181 | 0.152 | 16.0  | 91    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.515 | 1.518 | -0.2  | 89    | 0.00     |
| 16      | Acenaphthylene             | 1.621 | 1.545 | 4.7   | 90    | 0.00     |
| 17      | Acenaphthene               | 1.112 | 1.088 | 2.2   | 89    | 0.00     |
| 18      | Fluorene                   | 1.325 | 1.289 | 2.7   | 87    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 88    | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.049 | 0.023 | 53.1# | 54    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.234 | 0.227 | 3.0   | 89    | 0.00     |
| 22      | Hexachlorobenzene          | 0.272 | 0.270 | 0.7   | 88    | 0.00     |
| 23      | Atrazine                   | 0.147 | 0.142 | 3.4   | 91    | 0.00     |
| 24      | Pentachlorophenol          | 0.092 | 0.071 | 22.8  | 87    | 0.00     |
| 25      | Phenanthrene               | 1.138 | 1.138 | 0.0   | 88    | 0.00     |
| 26      | Anthracene                 | 0.972 | 0.950 | 2.3   | 90    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.005 | 0.997 | 0.8   | 91    | 0.00     |
| 28      | Fluoranthene               | 1.230 | 1.301 | -5.8  | 92    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 92    | 0.00     |
| 30      | Pyrene                     | 1.272 | 1.254 | 1.4   | 92    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.878 | 0.861 | 1.9   | 92    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.204 | 1.166 | 3.2   | 93    | 0.00     |
| 33      | Chrysene                   | 1.302 | 1.344 | -3.2  | 94    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.530 | 0.395 | 25.5# | 90    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.514 | 1.354 | 10.6  | 78    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.281 | 1.324 | -3.4  | 93    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.271 | 1.329 | -4.6  | 90    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.171 | 1.156 | 1.3   | 89    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.228 | 1.121 | 8.7   | 79    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.313 | 1.097 | 16.5  | 74    | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**LabSampleId :**

SSTDCCC0.4