

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120323\  
 Data File : BN029027.D  
 Acq On : 03 Dec 2023 19:53  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 82 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 04 02:24:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 04 00:28:48 2023  
 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   | 46#   | 0.00     |
| 2       | 1,4-Dioxane                | 0.392 | 0.321 | 18.1  | 39#   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.513 | 0.393 | 23.4  | 48#   | 0.01     |
| 4 S     | 2-Fluorophenol             | 1.212 | 1.116 | 7.9   | 43#   | 0.00     |
| 5 S     | Phenol-d6                  | 1.343 | 1.353 | -0.7  | 49#   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.130 | 0.981 | 13.2  | 44#   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 49#   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.398 | 0.387 | 2.8   | 50#   | 0.00     |
| 9       | Naphthalene                | 1.271 | 1.146 | 9.8   | 45#   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.260 | 0.244 | 6.2   | 46#   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.642 | 0.628 | 2.2   | 49#   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.799 | 0.772 | 3.4   | 48#   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 52    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.270 | 0.234 | 13.3  | 47#   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.728 | 1.605 | 7.1   | 49#   | -0.01    |
| 16      | Acenaphthylene             | 2.119 | 1.889 | 10.9  | 48#   | -0.01    |
| 17      | Acenaphthene               | 1.406 | 1.261 | 10.3  | 48#   | -0.01    |
| 18      | Fluorene                   | 1.780 | 1.780 | 0.0   | 55    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 55    | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.088 | 0.071 | 19.3  | 48#   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.275 | 0.245 | 10.9  | 50#   | 0.00     |
| 22      | Hexachlorobenzene          | 0.338 | 0.299 | 11.5  | 50#   | 0.00     |
| 23      | Atrazine                   | 0.241 | 0.220 | 8.7   | 50    | 0.00     |
| 24      | Pentachlorophenol          | 0.157 | 0.130 | 17.2  | 48#   | -0.01    |
| 25      | Phenanthrene               | 1.321 | 1.187 | 10.1  | 52    | -0.01    |
| 26      | Anthracene                 | 1.221 | 1.053 | 13.8  | 49#   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.052 | 1.028 | 2.3   | 59    | 0.00     |
| 28      | Fluoranthene               | 1.373 | 1.372 | 0.1   | 60    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 65    | 0.00     |
| 30      | Pyrene                     | 2.391 | 1.806 | 24.5  | 61    | 0.00     |
| 31 S    | Terphenyl-d14              | 1.413 | 1.115 | 21.1  | 70    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.701 | 1.453 | 14.6  | 59    | 0.00     |
| 33      | Chrysene                   | 1.670 | 1.449 | 13.2  | 58    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 2.450 | 1.155 | 52.9# | 30#   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 52    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.743 | 1.640 | 5.9   | 49#   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.636 | 1.549 | 5.3   | 50    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.544 | 1.479 | 4.2   | 49#   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.462 | 1.262 | 13.7  | 46#   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.349 | 1.291 | 4.3   | 50    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.517 | 1.388 | 8.5   | 47#   | 0.00     |

(#) = Out of Range

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

**Instrument :**  
BNA\_N  
**LabSampleId :**  
SSTDCCC0.4