

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091123\  
 Data File : BN027577.D  
 Acq On : 11 Sep 2023 14:48  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 88 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 12 01:32:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 11 05:26:09 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    | 133   | 0.00     |
| 2       | 1,4-Dioxane                | 0.488 | 0.498 | -2.0   | 127   | -0.03    |
| 3       | n-Nitrosodimethylamine     | 0.518 | 0.592 | -14.3  | 154#  | -0.03    |
| 4 S     | 2-Fluorophenol             | 1.043 | 1.224 | -17.4  | 160#  | -0.01    |
| 5 S     | Phenol-d6                  | 1.268 | 1.606 | -26.7# | 172#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.226 | 1.351 | -10.2  | 144   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 168#  | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.292 | 0.316 | -8.2   | 174#  | -0.01    |
| 9       | Naphthalene                | 1.091 | 1.187 | -8.8   | 184#  | 0.00     |
| 10      | Hexachlorobutadiene        | 0.203 | 0.213 | -4.9   | 163#  | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.587 | 0.650 | -10.7  | 179#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.776 | 0.844 | -8.8   | 175#  | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 157#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.148 | 0.160 | -8.1   | 184#  | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.521 | 1.688 | -11.0  | 172#  | 0.00     |
| 16      | Acenaphthylene             | 1.821 | 1.893 | -4.0   | 166#  | 0.00     |
| 17      | Acenaphthene               | 1.215 | 1.288 | -6.0   | 163#  | 0.00     |
| 18      | Fluorene                   | 1.620 | 1.726 | -6.5   | 163#  | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 142   | 0.01     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.006 | 0.006 | 0.0    | 158#  | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.211 | 0.255 | -20.9  | 177#  | 0.00     |
| 22      | Hexachlorobenzene          | 0.250 | 0.278 | -11.2  | 159#  | 0.00     |
| 23      | Atrazine                   | 0.158 | 0.174 | -10.1  | 166#  | 0.00     |
| 24      | Pentachlorophenol          | 0.096 | 0.098 | -2.1   | 160#  | 0.00     |
| 25      | Phenanthrene               | 1.176 | 1.264 | -7.5   | 154#  | 0.00     |
| 26      | Anthracene                 | 0.999 | 1.066 | -6.7   | 160#  | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.994 | 0.965 | 2.9    | 138   | 0.00     |
| 28      | Fluoranthene               | 1.384 | 1.303 | 5.9    | 134   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 98    | 0.00     |
| 30      | Pyrene                     | 1.590 | 2.136 | -34.3# | 132   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.804 | 1.095 | -36.2# | 142   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.371 | 1.492 | -8.8   | 112   | 0.00     |
| 33      | Chrysene                   | 1.507 | 1.572 | -4.3   | 99    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.662 | 0.895 | -35.2# | 131   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 83    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.624 | 1.673 | -3.0   | 96    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.548 | 1.603 | -3.6   | 91    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.591 | 1.570 | 1.3    | 88    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.447 | 1.402 | 3.1    | 85    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.273 | 1.362 | -7.0   | 100   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.476 | 1.482 | -0.4   | 90    | 0.00     |

(#) = Out of Range

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

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