

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012723\  
 Data File : BN023828.D  
 Acq On : 26 Jan 2023 21:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jan 27 02:02:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 27 01:06:05 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  | 70    | 0.00     |
| 2       | 1,4-Dioxane                | 0.422 | 0.401 | 5.0  | 72    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.447 | 0.402 | 10.1 | 70    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.833 | 0.786 | 5.6  | 72    | 0.00     |
| 5 S     | Phenol-d6                  | 0.985 | 0.914 | 7.2  | 73    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.998 | 0.947 | 5.1  | 70    | 0.00     |
|         |                            |       |       |      |       |          |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0  | 72    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.304 | 0.282 | 7.2  | 76    | 0.00     |
| 9       | Naphthalene                | 1.002 | 0.913 | 8.9  | 71    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.201 | 0.199 | 1.0  | 77    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.528 | 0.503 | 4.7  | 76    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.641 | 0.594 | 7.3  | 73    | 0.00     |
|         |                            |       |       |      |       |          |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0  | 72    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.175 | 0.160 | 8.6  | 80    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.593 | 1.399 | 12.2 | 74    | 0.00     |
| 16      | Acenaphthylene             | 1.587 | 1.336 | 15.8 | 74    | 0.00     |
| 17      | Acenaphthene               | 1.065 | 0.974 | 8.5  | 73    | 0.00     |
| 18      | Fluorene                   | 1.446 | 1.333 | 7.8  | 74    | 0.00     |
|         |                            |       |       |      |       |          |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 74    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.058 | 0.055 | 5.2  | 76    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.222 | 0.192 | 13.5 | 72    | 0.00     |
| 22      | Hexachlorobenzene          | 0.267 | 0.235 | 12.0 | 71    | -0.01    |
| 23      | Atrazine                   | 0.161 | 0.145 | 9.9  | 78    | 0.00     |
| 24      | Pentachlorophenol          | 0.093 | 0.070 | 24.7 | 71    | -0.01    |
| 25      | Phenanthrene               | 1.110 | 0.983 | 11.4 | 72    | 0.00     |
| 26      | Anthracene                 | 0.900 | 0.786 | 12.7 | 75    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.934 | 0.888 | 4.9  | 89    | 0.00     |
| 28      | Fluoranthene               | 1.217 | 1.128 | 7.3  | 85    | 0.00     |
|         |                            |       |       |      |       |          |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 82    | 0.00     |
| 30      | Pyrene                     | 1.358 | 1.130 | 16.8 | 90    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.759 | 0.679 | 10.5 | 86    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.217 | 1.063 | 12.7 | 83    | 0.00     |
| 33      | Chrysene                   | 1.344 | 1.208 | 10.1 | 81    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.552 | 0.499 | 9.6  | 87    | 0.00     |
|         |                            |       |       |      |       |          |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0  | 91    | -0.03    |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.662 | 1.550 | 6.7  | 98    | -0.04    |
| 37      | Benzo(b)fluoranthene       | 1.508 | 1.332 | 11.7 | 89    | -0.02    |
| 38      | Benzo(k)fluoranthene       | 1.489 | 1.329 | 10.7 | 88    | -0.02    |
| 39 C    | Benzo(a)pyrene             | 1.131 | 1.014 | 10.3 | 94    | -0.01    |
| 40      | Dibenzo(a,h)anthracene     | 1.345 | 1.246 | 7.4  | 98    | -0.04    |
| 41      | Benzo(g,h,i)perylene       | 1.428 | 1.316 | 7.8  | 95    | -0.04    |

(#) = Out of Range

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

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