

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN030031.D  
 Acq On : 25 Feb 2024 16:43  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 82 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Feb 26 02:51:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 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                   | Amount | Calc. | %Dev  | Area% | Dev(min) |
|---------|----------------------------|--------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0   | 158   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.357 | 10.8  | 141   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.393 | 1.8   | 161   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.439 | -9.7  | 183   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.434 | -8.5  | 188   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.402 | -0.5  | 171   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 156   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.386 | 3.5   | 161   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.391 | 2.3   | 155   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.405 | -1.3  | 160   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.396 | 1.0   | 162   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.389 | 2.8   | 157   | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 155   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.430 | -7.5  | 184   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.378 | 5.5   | 150   | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.349 | 12.8  | 145   | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.382 | 4.5   | 153   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.375 | 6.3   | 152   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 160   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.244 | 39.0# | 111   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.386 | 3.5   | 162   | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.409 | -2.2  | 169   | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.392 | 2.0   | 172   | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.426 | -6.5  | 195   | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.373 | 6.8   | 157   | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.362 | 9.5   | 157   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.415 | -3.7  | 180   | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.398 | 0.5   | 178   | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 183   | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.387 | 3.3   | 174   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.393 | 1.8   | 180   | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.379 | 5.3   | 184   | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.403 | -0.8  | 188   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.352 | 12.0  | 172   | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 174   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.401 | -0.3  | 188   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.402 | -0.5  | 187   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.397 | 0.8   | 173   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.408 | -2.0  | 183   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.387 | 3.3   | 182   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.379 | 5.3   | 170   | 0.00     |

(#) = Out of Range

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

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