

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062023\  
 Data File : BN025909.D  
 Acq On : 20 Jun 2023 09:19  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 20 13:22:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 13:20:07 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                   | Amount | Calc. | %Dev  | Area% | Dev(min) |
|---------|----------------------------|--------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0   | 67    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.421 | -5.2  | 64    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.218 | 45.5# | 34    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.325 | 18.8  | 50    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.309 | 22.8  | 48    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.347 | 13.3  | 52    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 60    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.341 | 14.8  | 50    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.382 | 4.5   | 54    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.463 | -15.8 | 65    | 0.01     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.382 | 4.5   | 53    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.385 | 3.8   | 54    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 56    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.317 | 20.8  | 44    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.379 | 5.3   | 51    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.384 | 4.0   | 52    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.401 | -0.3  | 54    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.410 | -2.5  | 53    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 57    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.239 | 40.3# | 34    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.382 | 4.5   | 52    | 0.01     |
| 22      | Hexachlorobenzene          | 0.400  | 0.453 | -13.2 | 61    | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.376 | 6.0   | 49    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.194 | 51.5# | 27    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.398 | 0.5   | 53    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.376 | 6.0   | 51    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.451 | -12.7 | 57    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.451 | -12.7 | 57    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 72    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.350 | 12.5  | 59    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.338 | 15.5  | 58    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.367 | 8.3   | 63    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.430 | -7.5  | 70    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.437 | -9.2  | 66    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 90    | -0.02    |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.423 | -5.7  | 96    | -0.04    |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.388 | 3.0   | 80    | -0.02    |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.389 | 2.8   | 82    | -0.02    |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.404 | -1.0  | 87    | -0.02    |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.410 | -2.5  | 93    | -0.04    |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.454 | -13.5 | 103   | -0.04    |

(#) = Out of Range

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

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