

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122623\  
 Data File : BN029188.D  
 Acq On : 26 Dec 2023 11:58  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 26 12:33:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 23 03:51:02 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   | 89    | -0.03    |
| 2       | 1,4-Dioxane                | 0.400  | 0.414 | -3.5  | 88    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.382 | 4.5   | 107   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.338 | 15.5  | 86    | -0.02    |
| 5 S     | Phenol-d6                  | 0.400  | 0.328 | 18.0  | 88    | -0.03    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.331 | 17.3  | 90    | -0.03    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 92    | -0.04    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.364 | 9.0   | 109   | -0.03    |
| 9       | Naphthalene                | 0.400  | 0.321 | 19.8  | 91    | -0.03    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.307 | 23.3  | 88    | -0.03    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.346 | 13.5  | 97    | -0.04    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.342 | 14.5  | 98    | -0.04    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 104   | -0.05    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.291 | 27.3# | 98    | -0.06    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.366 | 8.5   | 118   | -0.04    |
| 16      | Acenaphthylene             | 0.400  | 0.307 | 23.3  | 96    | -0.05    |
| 17      | Acenaphthene               | 0.400  | 0.311 | 22.3  | 99    | -0.04    |
| 18      | Fluorene                   | 0.400  | 0.303 | 24.3  | 96    | -0.05    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 94    | -0.06    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.410 | -2.5  | 139   | -0.05    |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.306 | 23.5  | 93    | -0.05    |
| 22      | Hexachlorobenzene          | 0.400  | 0.330 | 17.5  | 98    | -0.06    |
| 23      | Atrazine                   | 0.400  | 0.329 | 17.8  | 94    | -0.06    |
| 24      | Pentachlorophenol          | 0.400  | 0.314 | 21.5  | 101   | -0.06    |
| 25      | Phenanthrene               | 0.400  | 0.332 | 17.0  | 98    | -0.06    |
| 26      | Anthracene                 | 0.400  | 0.336 | 16.0  | 99    | -0.07    |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.295 | 26.3# | 88    | -0.08    |
| 28      | Fluoranthene               | 0.400  | 0.307 | 23.3  | 88    | -0.08    |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 88    | -0.11    |
| 30      | Pyrene                     | 0.400  | 0.331 | 17.3  | 88    | -0.09    |
| 31 S    | Terphenyl-d14              | 0.400  | 0.419 | -4.7  | 116   | -0.09    |
| 32      | Benzo(a)anthracene         | 0.400  | 0.328 | 18.0  | 90    | -0.12    |
| 33      | Chrysene                   | 0.400  | 0.329 | 17.8  | 87    | -0.11    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.333 | 16.8  | 86    | -0.11    |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 93    | -0.18    |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.349 | 12.8  | 101   | -0.26    |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.311 | 22.3  | 88    | -0.16    |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.328 | 18.0  | 98    | -0.16    |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.331 | 17.3  | 93    | -0.18    |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.343 | 14.2  | 98    | -0.26    |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.350 | 12.5  | 99    | -0.28    |

(#) = Out of Range

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

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