

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032825\  
 Data File : BN036789.D  
 Acq On : 29 Mar 2025 00:50  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 29 01:57:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 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   | 73    | -0.03    |
| 2       | 1,4-Dioxane                | 0.400  | 0.391 | 2.3   | 63    | -0.01    |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.388 | 3.0   | 68    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.360 | 10.0  | 62    | -0.02    |
| 5 S     | Phenol-d6                  | 0.400  | 0.337 | 15.8  | 63    | -0.03    |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.335 | 16.3  | 61    | -0.03    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 78    | -0.02    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.341 | 14.8  | 70    | -0.03    |
| 9       | Naphthalene                | 0.400  | 0.352 | 12.0  | 67    | -0.03    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.371 | 7.3   | 68    | -0.03    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.355 | 11.3  | 68    | -0.03    |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.367 | 8.3   | 70    | -0.03    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 84    | -0.03    |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.391 | 2.3   | 79    | -0.02    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.330 | 17.5  | 67    | -0.03    |
| 16      | Acenaphthylene             | 0.400  | 0.353 | 11.8  | 72    | -0.02    |
| 17      | Acenaphthene               | 0.400  | 0.359 | 10.3  | 73    | -0.03    |
| 18      | Fluorene                   | 0.400  | 0.373 | 6.8   | 74    | -0.02    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 90    | -0.02    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.448 | -12.0 | 91    | -0.02    |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.371 | 7.3   | 77    | -0.02    |
| 22      | Hexachlorobenzene          | 0.400  | 0.362 | 9.5   | 74    | -0.02    |
| 23      | Atrazine                   | 0.400  | 0.393 | 1.8   | 84    | -0.02    |
| 24      | Pentachlorophenol          | 0.400  | 0.385 | 3.8   | 88    | -0.04    |
| 25      | Phenanthrene               | 0.400  | 0.382 | 4.5   | 80    | -0.02    |
| 26      | Anthracene                 | 0.400  | 0.373 | 6.8   | 80    | -0.02    |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.403 | -0.8  | 84    | -0.02    |
| 28      | Fluoranthene               | 0.400  | 0.417 | -4.2  | 88    | -0.03    |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 115   | -0.02    |
| 30      | Pyrene                     | 0.400  | 0.334 | 16.5  | 88    | -0.02    |
| 31 S    | Terphenyl-d14              | 0.400  | 0.326 | 18.5  | 88    | -0.02    |
| 32      | Benzo(a)anthracene         | 0.400  | 0.357 | 10.8  | 100   | -0.03    |
| 33      | Chrysene                   | 0.400  | 0.384 | 4.0   | 104   | -0.03    |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.336 | 16.0  | 92    | -0.02    |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 124   | -0.04    |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.366 | 8.5   | 106   | -0.06    |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.379 | 5.3   | 111   | -0.03    |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.390 | 2.5   | 114   | -0.04    |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.386 | 3.5   | 113   | -0.04    |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.381 | 4.8   | 114   | -0.06    |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.366 | 8.5   | 106   | -0.06    |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4