

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082025\  
 Data File : BN037633.D  
 Acq On : 20 Aug 2025 16:57  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 21 04:56:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 13 05:00:58 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     | 131   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.394 | 1.5     | 125   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.394 | 1.5     | 129   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.368 | 8.0     | 123   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.367 | 8.3     | 126   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.399 | 0.3     | 132   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0     | 125   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.389 | 2.8     | 130   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.399 | 0.3     | 128   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.407 | -1.7    | 126   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.368 | 8.0     | 123   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.380 | 5.0     | 125   | -0.01    |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0     | 122   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.411 | -2.7    | 141   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.402 | -0.5    | 124   | -0.01    |
| 16      | Acenaphthylene             | 0.400  | 0.396 | 1.0     | 127   | -0.01    |
| 17      | Acenaphthene               | 0.400  | 0.392 | 2.0     | 125   | -0.01    |
| 18      | Fluorene                   | 0.400  | 0.394 | 1.5     | 126   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0     | 127   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.382 | 4.5     | 101   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.382 | 4.5     | 131   | -0.01    |
| 22      | Hexachlorobenzene          | 0.400  | 0.412 | -3.0    | 131   | -0.01    |
| 23      | Atrazine                   | 0.400  | 0.419 | -4.7    | 146   | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 1.000 | -150.0# | 351   | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.384 | 4.0     | 127   | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.373 | 6.8     | 128   | -0.01    |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.364 | 9.0     | 128   | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.378 | 5.5     | 130   | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0     | 135   | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.372 | 7.0     | 129   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.367 | 8.3     | 128   | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.380 | 5.0     | 136   | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.386 | 3.5     | 136   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.427 | -6.7    | 153   | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0     | 118   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.370 | 7.5     | 114   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.408 | -2.0    | 136   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.370 | 7.5     | 113   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.379 | 5.3     | 122   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.365 | 8.8     | 115   | -0.01    |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.410 | -2.5    | 132   | -0.01    |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4