

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                   | AvgRF | CCRF  | %Dev    | Area% | Dev(min) |
|---------|----------------------------|-------|-------|---------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0     | 131   | 0.00     |
| 2       | 1,4-Dioxane                | 0.383 | 0.377 | 1.6     | 125   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.489 | 0.482 | 1.4     | 129   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.907 | 0.835 | 7.9     | 123   | 0.00     |
| 5 S     | Phenol-d6                  | 1.091 | 1.002 | 8.2     | 126   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.983 | 0.980 | 0.3     | 132   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 125   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.282 | 0.274 | 2.8     | 130   | 0.00     |
| 9       | Naphthalene                | 1.065 | 1.064 | 0.1     | 128   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.260 | 0.265 | -1.9    | 126   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.544 | 0.500 | 8.1     | 123   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.668 | 0.635 | 4.9     | 125   | -0.01    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 122   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.175 | 0.180 | -2.9    | 141   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 2.313 | 2.325 | -0.5    | 124   | -0.01    |
| 16      | Acenaphthylene             | 1.793 | 1.776 | 0.9     | 127   | -0.01    |
| 17      | Acenaphthene               | 1.220 | 1.196 | 2.0     | 125   | -0.01    |
| 18      | Fluorene                   | 1.596 | 1.572 | 1.5     | 126   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 127   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.053 | 0.037 | 30.2#   | 101   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.251 | 0.240 | 4.4     | 131   | -0.01    |
| 22      | Hexachlorobenzene          | 0.356 | 0.367 | -3.1    | 131   | -0.01    |
| 23      | Atrazine                   | 0.142 | 0.149 | -4.9    | 146   | 0.00     |
| 24      | Pentachlorophenol          | 0.125 | 0.313 | -150.4# | 351#  | 0.00     |
| 25      | Phenanthrene               | 1.216 | 1.169 | 3.9     | 127   | 0.00     |
| 26      | Anthracene                 | 1.077 | 1.004 | 6.8     | 128   | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.052 | 0.958 | 8.9     | 128   | 0.00     |
| 28      | Fluoranthene               | 1.397 | 1.322 | 5.4     | 130   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 135   | 0.00     |
| 30      | Pyrene                     | 1.495 | 1.392 | 6.9     | 129   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.823 | 0.755 | 8.3     | 128   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.336 | 1.269 | 5.0     | 136   | 0.00     |
| 33      | Chrysene                   | 1.489 | 1.436 | 3.6     | 136   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.551 | 0.589 | -6.9    | 153#  | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 118   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.686 | 1.558 | 7.6     | 114   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.516 | 1.545 | -1.9    | 136   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.710 | 1.584 | 7.4     | 113   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.257 | 1.192 | 5.2     | 122   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.308 | 1.193 | 8.8     | 115   | -0.01    |
| 41      | Benzo(g,h,i)perylene       | 1.378 | 1.412 | -2.5    | 132   | -0.01    |

(#) = Out of Range

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

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SSTDCCC0.4