

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111225\  
 Data File : BN038196.D  
 Acq On : 12 Nov 2025 18:40  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 13 00:07:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN102825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 29 13:09:46 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   | 110   | 0.00     |
| 2       | 1,4-Dioxane                | 0.413 | 0.397 | 3.9   | 103   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.532 | 0.526 | 1.1   | 107   | 0.01     |
| 4 S     | 2-Fluorophenol             | 0.942 | 0.986 | -4.7  | 113   | 0.00     |
| 5 S     | Phenol-d6                  | 1.148 | 1.222 | -6.4  | 118   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.128 | 1.116 | 1.1   | 109   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 117   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.323 | 0.322 | 0.3   | 120   | 0.01     |
| 9       | Naphthalene                | 1.102 | 1.079 | 2.1   | 116   | 0.01     |
| 10      | Hexachlorobutadiene        | 0.186 | 0.181 | 2.7   | 113   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.571 | 0.574 | -0.5  | 122   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.735 | 0.731 | 0.5   | 120   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 123   | 0.01     |
| 14 S    | 2,4,6-Tribromophenol       | 0.165 | 0.137 | 17.0  | 113   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.602 | 1.560 | 2.6   | 122   | 0.01     |
| 16      | Acenaphthylene             | 1.811 | 1.699 | 6.2   | 122   | 0.00     |
| 17      | Acenaphthene               | 1.267 | 1.213 | 4.3   | 123   | 0.01     |
| 18      | Fluorene                   | 1.661 | 1.526 | 8.1   | 118   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 119   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.055 | 0.040 | 27.3# | 105   | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.262 | 0.258 | 1.5   | 122   | 0.00     |
| 22      | Hexachlorobenzene          | 0.298 | 0.295 | 1.0   | 117   | 0.00     |
| 23      | Atrazine                   | 0.192 | 0.166 | 13.5  | 112   | 0.00     |
| 24      | Pentachlorophenol          | 0.128 | 0.085 | 33.6# | 93    | 0.01     |
| 25      | Phenanthrene               | 1.270 | 1.203 | 5.3   | 117   | 0.01     |
| 26      | Anthracene                 | 1.111 | 1.020 | 8.2   | 115   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.009 | 0.858 | 15.0  | 106   | 0.00     |
| 28      | Fluoranthene               | 1.419 | 1.192 | 16.0  | 105   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 92    | 0.00     |
| 30      | Pyrene                     | 1.806 | 2.052 | -13.6 | 103   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.869 | 1.021 | -17.5 | 108   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.427 | 1.374 | 3.7   | 93    | 0.00     |
| 33      | Chrysene                   | 1.549 | 1.509 | 2.6   | 90    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.752 | 0.862 | -14.6 | 110   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 100   | 0.01     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.643 | 1.798 | -9.4  | 112   | 0.01     |
| 37      | Benzo(b)fluoranthene       | 1.710 | 1.572 | 8.1   | 97    | 0.01     |
| 38      | Benzo(k)fluoranthene       | 1.721 | 1.617 | 6.0   | 100   | 0.01     |
| 39 C    | Benzo(a)pyrene             | 1.369 | 1.323 | 3.4   | 101   | 0.01     |
| 40      | Dibenzo(a,h)anthracene     | 1.265 | 1.378 | -8.9  | 115   | 0.02     |
| 41      | Benzo(g,h,i)perylene       | 1.444 | 1.542 | -6.8  | 108   | 0.01     |

(#) = Out of Range

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

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