

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111225\  
 Data File : BN038183.D  
 Acq On : 12 Nov 2025 09:31  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 12 09:55:14 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   | 101   | 0.00     |
| 2       | 1,4-Dioxane                | 0.413 | 0.395 | 4.4   | 94    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.532 | 0.520 | 2.3   | 98    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.942 | 0.939 | 0.3   | 100   | 0.00     |
| 5 S     | Phenol-d6                  | 1.148 | 1.155 | -0.6  | 103   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.128 | 1.110 | 1.6   | 100   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.323 | 0.321 | 0.6   | 107   | -0.01    |
| 9       | Naphthalene                | 1.102 | 1.088 | 1.3   | 106   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.186 | 0.187 | -0.5  | 105   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.571 | 0.558 | 2.3   | 106   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.735 | 0.720 | 2.0   | 107   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.165 | 0.138 | 16.4  | 99    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.602 | 1.475 | 7.9   | 100   | 0.00     |
| 16      | Acenaphthylene             | 1.811 | 1.708 | 5.7   | 107   | 0.00     |
| 17      | Acenaphthene               | 1.267 | 1.190 | 6.1   | 105   | 0.00     |
| 18      | Fluorene                   | 1.661 | 1.584 | 4.6   | 106   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.055 | 0.028 | 49.1# | 66    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.262 | 0.253 | 3.4   | 107   | 0.00     |
| 22      | Hexachlorobenzene          | 0.298 | 0.306 | -2.7  | 108   | -0.01    |
| 23      | Atrazine                   | 0.192 | 0.166 | 13.5  | 100   | 0.00     |
| 24      | Pentachlorophenol          | 0.128 | 0.109 | 14.8  | 107   | 0.00     |
| 25      | Phenanthrene               | 1.270 | 1.218 | 4.1   | 105   | 0.00     |
| 26      | Anthracene                 | 1.111 | 1.027 | 7.6   | 103   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.009 | 0.917 | 9.1   | 101   | 0.00     |
| 28      | Fluoranthene               | 1.419 | 1.304 | 8.1   | 102   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 30      | Pyrene                     | 1.806 | 1.943 | -7.6  | 102   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.869 | 0.919 | -5.8  | 102   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.427 | 1.346 | 5.7   | 96    | 0.00     |
| 33      | Chrysene                   | 1.549 | 1.531 | 1.2   | 96    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.752 | 0.902 | -19.9 | 121   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.643 | 1.716 | -4.4  | 108   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.710 | 1.580 | 7.6   | 98    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.721 | 1.613 | 6.3   | 100   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.369 | 1.340 | 2.1   | 102   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.265 | 1.316 | -4.0  | 111   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.444 | 1.518 | -5.1  | 107   | 0.00     |

(#) = Out of Range

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

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