

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031725\  
 Data File : BN036651.D  
 Acq On : 17 Mar 2025 09:49  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 17 12:11:12 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 93    | 0.00     |
| 2       | 1,4-Dioxane                | 0.444 | 0.497 | -11.9 | 93    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.898 | 0.986 | -9.8  | 99    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.932 | 0.906 | 2.8   | 86    | 0.00     |
| 5 S     | Phenol-d6                  | 1.152 | 1.101 | 4.4   | 91    | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.190 | 1.183 | 0.6   | 94    | -0.01    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 99    | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.435 | 0.424 | 2.5   | 101   | -0.01    |
| 9       | Naphthalene                | 1.177 | 1.200 | -2.0  | 98    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.277 | 0.285 | -2.9  | 96    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.595 | 0.593 | 0.3   | 97    | -0.02    |
| 12      | 2-Methylnaphthalene        | 0.749 | 0.759 | -1.3  | 98    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 98    | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.182 | 0.165 | 9.3   | 86    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 2.327 | 2.428 | -4.3  | 99    | 0.00     |
| 16      | Acenaphthylene             | 1.888 | 1.916 | -1.5  | 97    | 0.00     |
| 17      | Acenaphthene               | 1.236 | 1.279 | -3.5  | 98    | -0.01    |
| 18      | Fluorene                   | 1.672 | 1.704 | -1.9  | 95    | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 95    | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.086 | 0.066 | 23.3  | 82    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.251 | 0.266 | -6.0  | 92    | 0.00     |
| 22      | Hexachlorobenzene          | 0.303 | 0.318 | -5.0  | 90    | 0.00     |
| 23      | Atrazine                   | 0.201 | 0.211 | -5.0  | 94    | 0.00     |
| 24      | Pentachlorophenol          | 0.138 | 0.135 | 2.2   | 94    | -0.01    |
| 25      | Phenanthrene               | 1.200 | 1.304 | -8.7  | 95    | -0.01    |
| 26      | Anthracene                 | 1.083 | 1.162 | -7.3  | 96    | -0.01    |
| 27 SURR | Fluoranthene-d10           | 1.025 | 1.098 | -7.1  | 93    | 0.00     |
| 28      | Fluoranthene               | 1.348 | 1.446 | -7.3  | 95    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 30      | Pyrene                     | 1.956 | 2.136 | -9.2  | 95    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.958 | 1.008 | -5.2  | 93    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.391 | 1.357 | 2.4   | 89    | 0.00     |
| 33      | Chrysene                   | 1.520 | 1.689 | -11.1 | 99    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.990 | 1.048 | -5.9  | 95    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.444 | 1.512 | -4.7  | 93    | -0.01    |
| 37      | Benzo(b)fluoranthene       | 1.456 | 1.585 | -8.9  | 97    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.527 | 1.640 | -7.4  | 96    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.226 | 1.348 | -10.0 | 98    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.124 | 1.149 | -2.2  | 94    | -0.01    |
| 41      | Benzo(g,h,i)perylene       | 1.286 | 1.363 | -6.0  | 94    | -0.01    |

(#) = Out of Range

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

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