

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031025\  
 Data File : BN036564.D  
 Acq On : 10 Mar 2025 16:38  
 Operator : RC/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN031025

Quant Time: Mar 10 17:10:04 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   | 113   | 0.00     |
| 2       | 1,4-Dioxane                | 0.444 | 0.521 | -17.3 | 118   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.898 | 0.918 | -2.2  | 111   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.932 | 0.972 | -4.3  | 111   | 0.00     |
| 5 S     | Phenol-d6                  | 1.152 | 1.103 | 4.3   | 110   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.190 | 1.184 | 0.5   | 113   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 111   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.435 | 0.418 | 3.9   | 112   | 0.00     |
| 9       | Naphthalene                | 1.177 | 1.191 | -1.2  | 109   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.277 | 0.301 | -8.7  | 113   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.595 | 0.594 | 0.2   | 108   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.749 | 0.721 | 3.7   | 104   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.182 | 0.166 | 8.8   | 90    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 2.327 | 2.513 | -8.0  | 107   | 0.00     |
| 16      | Acenaphthylene             | 1.888 | 1.964 | -4.0  | 103   | 0.00     |
| 17      | Acenaphthene               | 1.236 | 1.308 | -5.8  | 104   | 0.00     |
| 18      | Fluorene                   | 1.672 | 1.694 | -1.3  | 98    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 96    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.086 | 0.070 | 18.6  | 87    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.251 | 0.264 | -5.2  | 93    | 0.00     |
| 22      | Hexachlorobenzene          | 0.303 | 0.344 | -13.5 | 98    | 0.00     |
| 23      | Atrazine                   | 0.201 | 0.202 | -0.5  | 91    | 0.01     |
| 24      | Pentachlorophenol          | 0.138 | 0.121 | 12.3  | 85    | 0.00     |
| 25      | Phenanthrene               | 1.200 | 1.251 | -4.2  | 93    | 0.00     |
| 26      | Anthracene                 | 1.083 | 1.100 | -1.6  | 92    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.025 | 1.065 | -3.9  | 92    | 0.00     |
| 28      | Fluoranthene               | 1.348 | 1.396 | -3.6  | 93    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 30      | Pyrene                     | 1.956 | 1.933 | 1.2   | 93    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.958 | 0.920 | 4.0   | 92    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.391 | 1.378 | 0.9   | 98    | 0.00     |
| 33      | Chrysene                   | 1.520 | 1.645 | -8.2  | 105   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.990 | 0.852 | 13.9  | 84    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 108   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.444 | 1.671 | -15.7 | 117   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.456 | 1.539 | -5.7  | 108   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.527 | 1.639 | -7.3  | 110   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.226 | 1.342 | -9.5  | 112   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.124 | 1.236 | -10.0 | 115   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.286 | 1.532 | -19.1 | 120   | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

**ClientSampleId :**

ICVBN031025