

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060325\  
 Data File : BN037150.D  
 Acq On : 03 Jun 2025 15:53  
 Operator : RC/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN060325

Quant Time: Jun 04 01:54:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN060325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 04 01:52:03 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   | 107   | 0.00     |
| 2       | 1,4-Dioxane                | 0.533 | 0.551 | -3.4  | 116   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 1.071 | 1.045 | 2.4   | 106   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.989 | 0.894 | 9.6   | 102   | 0.00     |
| 5 S     | Phenol-d6                  | 1.199 | 1.073 | 10.5  | 102   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.144 | 1.205 | -5.3  | 115   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 113   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.422 | 0.420 | 0.5   | 113   | 0.00     |
| 9       | Naphthalene                | 1.154 | 1.137 | 1.5   | 115   | 0.01     |
| 10      | Hexachlorobutadiene        | 0.251 | 0.253 | -0.8  | 109   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.557 | 0.554 | 0.5   | 111   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.740 | 0.652 | 11.9  | 106   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 115   | 0.01     |
| 14 S    | 2,4,6-Tribromophenol       | 0.161 | 0.133 | 17.4  | 105   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.705 | 1.716 | -0.6  | 121   | 0.00     |
| 16      | Acenaphthylene             | 1.961 | 1.980 | -1.0  | 129   | 0.00     |
| 17      | Acenaphthene               | 1.273 | 1.187 | 6.8   | 118   | 0.00     |
| 18      | Fluorene                   | 1.674 | 1.561 | 6.8   | 118   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 116   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.077 | 0.055 | 28.6# | 128   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.262 | 0.244 | 6.9   | 116   | 0.00     |
| 22      | Hexachlorobenzene          | 0.283 | 0.275 | 2.8   | 119   | 0.00     |
| 23      | Atrazine                   | 0.216 | 0.202 | 6.5   | 126   | 0.00     |
| 24      | Pentachlorophenol          | 0.124 | 0.093 | 25.0  | 118   | 0.00     |
| 25      | Phenanthrene               | 1.296 | 1.243 | 4.1   | 121   | 0.00     |
| 26      | Anthracene                 | 1.183 | 1.122 | 5.2   | 126   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.016 | 0.953 | 6.2   | 114   | 0.00     |
| 28      | Fluoranthene               | 1.432 | 1.293 | 9.7   | 118   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 30      | Pyrene                     | 1.953 | 1.898 | 2.8   | 118   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.942 | 0.978 | -3.8  | 124   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.448 | 1.386 | 4.3   | 122   | 0.00     |
| 33      | Chrysene                   | 1.612 | 1.552 | 3.7   | 120   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.914 | 0.847 | 7.3   | 125   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 105   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.591 | 1.532 | 3.7   | 107   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.615 | 1.524 | 5.6   | 113   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.648 | 1.644 | 0.2   | 118   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.352 | 1.382 | -2.2  | 119   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.227 | 1.186 | 3.3   | 108   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.410 | 1.296 | 8.1   | 101   | 0.00     |

(#) = Out of Range

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

**Instrument :**

BNA\_N

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