

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020525\  
 Data File : BN036320.D  
 Acq On : 06 Feb 2025 05:40  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Feb 06 06:02:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 01:04:09 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                   | Amount | Calc. | %Dev  | Area% | Dev(min) |
|---------|----------------------------|--------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 0.400  | 0.400 | 0.0   | 122   | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.463 | -15.8 | 135   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.431 | -7.7  | 122   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.450 | -12.5 | 131   | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.447 | -11.7 | 132   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.484 | -21.0 | 138   | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 139   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.442 | -10.5 | 145   | -0.01    |
| 9       | Naphthalene                | 0.400  | 0.414 | -3.5  | 133   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.369 | 7.8   | 119   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.423 | -5.7  | 138   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.412 | -3.0  | 136   | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 136   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.312 | 22.0  | 107   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.361 | 9.8   | 114   | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.401 | -0.3  | 129   | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.400 | 0.0   | 130   | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.425 | -6.2  | 144   | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 137   | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.187 | 53.3# | 63    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.378 | 5.5   | 120   | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.377 | 5.8   | 119   | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.365 | 8.8   | 118   | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.338 | 15.5  | 115   | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.399 | 0.3   | 126   | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.391 | 2.3   | 127   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.414 | -3.5  | 132   | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.404 | -1.0  | 130   | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 134   | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.407 | -1.7  | 130   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.421 | -5.2  | 134   | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.385 | 3.8   | 124   | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.404 | -1.0  | 130   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.392 | 2.0   | 130   | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 140   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.409 | -2.2  | 141   | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.409 | -2.2  | 139   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.391 | 2.3   | 135   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.408 | -2.0  | 140   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.395 | 1.3   | 137   | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.422 | -5.5  | 144   | 0.00     |

(#) = Out of Range

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

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