

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011325\  
 Data File : BN035918.D  
 Acq On : 13 Jan 2025 12:37  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jan 13 13:14:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN010225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 02 15:39:17 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    | 84    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.345 | 13.8   | 77    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.456 | -14.0  | 98    | -0.01    |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.374 | 6.5    | 81    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.361 | 9.8    | 78    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.362 | 9.5    | 75    | -0.01    |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 76    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.427 | -6.7   | 87    | -0.01    |
| 9       | Naphthalene                | 0.400  | 0.397 | 0.8    | 78    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.437 | -9.2   | 86    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.381 | 4.8    | 73    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.391 | 2.3    | 75    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 72    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.523 | -30.8# | 96    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.400 | 0.0    | 74    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.398 | 0.5    | 74    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.409 | -2.2   | 76    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.391 | 2.3    | 73    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 70    | -0.01    |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.638 | -59.5# | 116   | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.428 | -7.0   | 76    | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.413 | -3.2   | 76    | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.436 | -9.0   | 80    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.487 | -21.7  | 95    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.401 | -0.3   | 71    | -0.01    |
| 26      | Anthracene                 | 0.400  | 0.405 | -1.3   | 74    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.404 | -1.0   | 71    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.397 | 0.8    | 71    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 71    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.396 | 1.0    | 72    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.390 | 2.5    | 70    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.402 | -0.5   | 74    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.384 | 4.0    | 69    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.475 | -18.7  | 83    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 72    | -0.01    |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.388 | 3.0    | 78    | -0.02    |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.383 | 4.3    | 73    | -0.01    |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.393 | 1.8    | 77    | -0.01    |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.385 | 3.8    | 76    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.390 | 2.5    | 80    | -0.02    |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.382 | 4.5    | 78    | -0.02    |

(#) = Out of Range

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

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