

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010924\  
 Data File : BN029231.D  
 Acq On : 09 Jan 2024 16:57  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jan 09 17:24:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 28 01:20:47 2023  
 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   | 99    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.350 | 12.5  | 88    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.307 | 23.3  | 81    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.318 | 20.5  | 88    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.310 | 22.5  | 93    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.267 | 33.3# | 82    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 85    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.381 | 4.8   | 103   | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.335 | 16.3  | 87    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.400  | 0.410 | -2.5  | 105   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.376 | 6.0   | 96    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.353 | 11.8  | 91    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 86    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.335 | 16.3  | 93    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.365 | 8.8   | 100   | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.344 | 14.0  | 92    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.349 | 12.8  | 93    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.354 | 11.5  | 94    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 80    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.268 | 33.0# | 62    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.361 | 9.8   | 92    | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.400 | 0.0   | 102   | -0.01    |
| 23      | Atrazine                   | 0.400  | 0.335 | 16.3  | 83    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.238 | 40.5# | 62    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.370 | 7.5   | 92    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.362 | 9.5   | 89    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.293 | 26.8# | 72    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.324 | 19.0  | 80    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 61    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.424 | -6.0  | 76    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.335 | 16.3  | 64    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.349 | 12.8  | 64    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.372 | 7.0   | 69    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.481 | -20.2 | 82    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 61    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.375 | 6.3   | 70    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.358 | 10.5  | 68    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.380 | 5.0   | 74    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.358 | 10.5  | 69    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.351 | 12.3  | 67    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.367 | 8.3   | 68    | 0.00     |

(#) = Out of Range

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

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