

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091924\  
 Data File : BN034058.D  
 Acq On : 19 Sep 2024 20:04  
 Operator : JU/RC  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 20 01:51:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 16:09:28 2024  
 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    | 94    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.292 | 27.0#  | 68    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.358 | 10.5   | 87    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.282 | 29.5#  | 70    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.346 | 13.5   | 90    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.397 | 0.8    | 99    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0    | 69    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.383 | 4.3    | 72    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.387 | 3.3    | 69    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.434 | -8.5   | 76    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.399 | 0.3    | 73    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.384 | 4.0    | 70    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0    | 69    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.382 | 4.5    | 77    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.547 | -36.8# | 98    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.382 | 4.5    | 74    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.389 | 2.8    | 70    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.383 | 4.3    | 70    | 0.00     |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0    | 65    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.369 | 7.8    | 60    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.390 | 2.5    | 67    | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.429 | -7.2   | 71    | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.351 | 12.3   | 63    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.288 | 28.0#  | 56    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.379 | 5.3    | 64    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.402 | -0.5   | 73    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.381 | 4.8    | 66    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.360 | 10.0   | 62    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0    | 59    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.411 | -2.7   | 61    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.454 | -13.5  | 68    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.372 | 7.0    | 59    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.381 | 4.8    | 56    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.371 | 7.3    | 53    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0    | 53    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.369 | 7.8    | 48    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.471 | -17.7  | 68    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.468 | -17.0  | 63    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.374 | 6.5    | 53    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.372 | 7.0    | 49    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.375 | 6.3    | 50    | 0.00     |

(#) = Out of Range

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

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