

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082523\  
 Data File : BN027156.D  
 Acq On : 26 Aug 2023 15:22  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 26 22:34:35 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 26 02:13:59 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   | 86    | 0.00     |
| 2       | 1,4-Dioxane                | 0.400  | 0.444 | -11.0 | 102   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.400  | 0.438 | -9.5  | 98    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.400  | 0.342 | 14.5  | 77    | 0.00     |
| 5 S     | Phenol-d6                  | 0.400  | 0.347 | 13.3  | 79    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.400  | 0.411 | -2.7  | 90    | 0.00     |
| 7 I     | Naphthalene-d8             | 0.400  | 0.400 | 0.0   | 78    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.400  | 0.440 | -10.0 | 83    | 0.00     |
| 9       | Naphthalene                | 0.400  | 0.400 | 0.0   | 81    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.400  | 0.460 | -15.0 | 89    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.400  | 0.413 | -3.2  | 81    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.400  | 0.424 | -6.0  | 83    | 0.00     |
| 13 I    | Acenaphthene-d10           | 0.400  | 0.400 | 0.0   | 75    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.400  | 0.255 | 36.3# | 51    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 0.400  | 0.409 | -2.2  | 79    | 0.00     |
| 16      | Acenaphthylene             | 0.400  | 0.387 | 3.3   | 73    | 0.00     |
| 17      | Acenaphthene               | 0.400  | 0.410 | -2.5  | 78    | 0.00     |
| 18      | Fluorene                   | 0.400  | 0.406 | -1.5  | 76    | -0.01    |
| 19 I    | Phenanthrene-d10           | 0.400  | 0.400 | 0.0   | 71    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.400  | 0.404 | -1.0  | 69    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.400  | 0.364 | 9.0   | 66    | 0.00     |
| 22      | Hexachlorobenzene          | 0.400  | 0.427 | -6.7  | 77    | 0.00     |
| 23      | Atrazine                   | 0.400  | 0.309 | 22.8  | 55    | 0.00     |
| 24      | Pentachlorophenol          | 0.400  | 0.258 | 35.5# | 49    | 0.00     |
| 25      | Phenanthrene               | 0.400  | 0.402 | -0.5  | 73    | 0.00     |
| 26      | Anthracene                 | 0.400  | 0.357 | 10.8  | 66    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.400  | 0.375 | 6.3   | 69    | 0.00     |
| 28      | Fluoranthene               | 0.400  | 0.391 | 2.3   | 72    | 0.00     |
| 29 I    | Chrysene-d12               | 0.400  | 0.400 | 0.0   | 64    | 0.00     |
| 30      | Pyrene                     | 0.400  | 0.432 | -8.0  | 71    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.400  | 0.379 | 5.3   | 64    | 0.00     |
| 32      | Benzo(a)anthracene         | 0.400  | 0.360 | 10.0  | 59    | 0.00     |
| 33      | Chrysene                   | 0.400  | 0.415 | -3.7  | 67    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.400  | 0.249 | 37.8# | 40    | 0.00     |
| 35 I    | Perylene-d12               | 0.400  | 0.400 | 0.0   | 50    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 0.400  | 0.344 | 14.0  | 45    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 0.400  | 0.454 | -13.5 | 61    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 0.400  | 0.449 | -12.2 | 58    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 0.400  | 0.402 | -0.5  | 53    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 0.400  | 0.339 | 15.3  | 44    | -0.01    |
| 41      | Benzo(g,h,i)perylene       | 0.400  | 0.367 | 8.3   | 47    | -0.01    |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4