

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113023\  
 Data File : BN028939.D  
 Acq On : 01 Dec 2023 10:06  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Dec 01 14:24:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 00:28:34 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                   | AvgRF | CCRF  | %Dev    | Area% | Dev(min) |
|---------|----------------------------|-------|-------|---------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0     | 120   | 0.00     |
| 2       | 1,4-Dioxane                | 0.392 | 0.375 | 4.3     | 116   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.513 | 0.492 | 4.1     | 154#  | 0.01     |
| 4 S     | 2-Fluorophenol             | 1.212 | 1.298 | -7.1    | 130   | 0.01     |
| 5 S     | Phenol-d6                  | 1.343 | 1.528 | -13.8   | 143   | 0.01     |
| 6       | bis(2-Chloroethyl)ether    | 1.130 | 1.173 | -3.8    | 135   | 0.01     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 111   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.398 | 0.425 | -6.8    | 124   | 0.00     |
| 9       | Naphthalene                | 1.271 | 1.256 | 1.2     | 111   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.260 | 0.247 | 5.0     | 104   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.642 | 0.588 | 8.4     | 103   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.799 | 0.756 | 5.4     | 106   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 77    | 0.01     |
| 14 S    | 2,4,6-Tribromophenol       | 0.270 | 0.200 | 25.9#   | 60    | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.728 | 2.041 | -18.1   | 92    | 0.01     |
| 16      | Acenaphthylene             | 2.119 | 4.800 | -126.5# | 184#  | 0.01     |
| 17      | Acenaphthene               | 1.406 | 1.663 | -18.3   | 94    | 0.01     |
| 18      | Fluorene                   | 1.780 | 2.019 | -13.4   | 94    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 62    | 0.01     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.088 | 0.004 | 95.5#   | 3#    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.275 | 0.270 | 1.8     | 62    | 0.01     |
| 22      | Hexachlorobenzene          | 0.338 | 0.328 | 3.0     | 61    | 0.01     |
| 23      | Atrazine                   | 0.241 | 0.231 | 4.1     | 59    | 0.00     |
| 24      | Pentachlorophenol          | 0.157 | 0.127 | 19.1    | 52    | 0.01     |
| 25      | Phenanthrene               | 1.321 | 1.304 | 1.3     | 64    | 0.01     |
| 26      | Anthracene                 | 1.221 | 1.231 | -0.8    | 65    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.052 | 1.050 | 0.2     | 68    | 0.00     |
| 28      | Fluoranthene               | 1.373 | 1.500 | -9.2    | 73    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 52    | 0.00     |
| 30      | Pyrene                     | 2.391 | 3.039 | -27.1#  | 81    | 0.00     |
| 31 S    | Terphenyl-d14              | 1.413 | 1.483 | -5.0    | 74    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.701 | 1.883 | -10.7   | 60    | 0.00     |
| 33      | Chrysene                   | 1.670 | 1.834 | -9.8    | 58    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 2.450 | 1.778 | 27.4#   | 36#   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 43#   | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.743 | 1.792 | -2.8    | 44#   | 0.02     |
| 37      | Benzo(b)fluoranthene       | 1.636 | 1.819 | -11.2   | 49#   | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.544 | 1.580 | -2.3    | 44#   | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.462 | 1.542 | -5.5    | 46#   | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.349 | 1.388 | -2.9    | 45#   | 0.01     |
| 41      | Benzo(g,h,i)perylene       | 1.517 | 1.578 | -4.0    | 44#   | 0.01     |

(#) = Out of Range

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

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