

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
 Data File : BN025320.D  
 Acq On : 06 May 2023 17:44  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 08 04:44:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 08 04:14:26 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     | 203#  | 0.00     |
| 2       | 1,4-Dioxane                | 0.420 | 0.437 | -4.0    | 178#  | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.641 | 0.755 | -17.8   | 202#  | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.974 | 1.149 | -18.0   | 203#  | 0.00     |
| 5 S     | Phenol-d6                  | 1.222 | 1.530 | -25.2#  | 222#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.077 | 1.224 | -13.6   | 206#  | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 210#  | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.329 | 0.374 | -13.7   | 214#  | 0.00     |
| 9       | Naphthalene                | 1.026 | 1.176 | -14.6   | 208#  | 0.00     |
| 10      | Hexachlorobutadiene        | 0.194 | 0.229 | -18.0   | 209#  | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.547 | 0.617 | -12.8   | 203#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.726 | 0.805 | -10.9   | 202#  | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 191#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.204 | 0.242 | -18.6   | 209#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.372 | 1.645 | -19.9   | 193#  | 0.00     |
| 16      | Acenaphthylene             | 1.791 | 2.166 | -20.9   | 202#  | 0.00     |
| 17      | Acenaphthene               | 1.114 | 1.305 | -17.1   | 188#  | 0.00     |
| 18      | Fluorene                   | 1.526 | 1.758 | -15.2   | 187#  | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 170#  | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.056 | 0.003 | 94.6#   | 15#   | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.223 | 0.264 | -18.4   | 182#  | 0.00     |
| 22      | Hexachlorobenzene          | 0.241 | 0.284 | -17.8   | 178#  | 0.00     |
| 23      | Atrazine                   | 0.195 | 0.214 | -9.7    | 170#  | 0.00     |
| 24      | Pentachlorophenol          | 0.062 | 0.111 | -79.0#  | 393#  | 0.00     |
| 25      | Phenanthrene               | 1.107 | 1.250 | -12.9   | 169#  | 0.00     |
| 26      | Anthracene                 | 1.037 | 1.238 | -19.4   | 185#  | 0.00     |
| 27 SURR | Fluoranthene-d10           | 0.989 | 0.982 | 0.7     | 149   | 0.00     |
| 28      | Fluoranthene               | 1.383 | 1.333 | 3.6     | 146   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 106   | 0.00     |
| 30      | Pyrene                     | 1.367 | 2.137 | -56.3#  | 141   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.807 | 1.260 | -56.1#  | 141   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.352 | 1.653 | -22.3   | 113   | 0.00     |
| 33      | Chrysene                   | 1.346 | 1.608 | -19.5   | 105   | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 1.061 | 2.223 | -109.5# | 189#  | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 89    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.604 | 1.623 | -1.2    | 81    | 0.01     |
| 37      | Benzo(b)fluoranthene       | 1.268 | 1.417 | -11.8   | 90    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.327 | 1.488 | -12.1   | 92    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.299 | 1.403 | -8.0    | 87    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.266 | 1.310 | -3.5    | 83    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.391 | 1.408 | -1.2    | 80    | 0.01     |

(#) = Out of Range

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

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