

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110223\  
 Data File : BN028441.D  
 Acq On : 03 Nov 2023 03:32  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 03 04:40:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 02 06:26:50 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    | 145   | 0.00     |
| 2       | 1,4-Dioxane                | 0.443 | 0.359 | 19.0   | 118   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.494 | 0.443 | 10.3   | 130   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.045 | 1.016 | 2.8    | 151#  | 0.00     |
| 5 S     | Phenol-d6                  | 1.323 | 1.344 | -1.6   | 162#  | 0.01     |
| 6       | bis(2-Chloroethyl)ether    | 1.146 | 1.105 | 3.6    | 141   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 152#  | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.259 | 0.277 | -6.9   | 175#  | 0.00     |
| 9       | Naphthalene                | 1.080 | 1.070 | 0.9    | 149   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.180 | 0.192 | -6.7   | 162#  | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.572 | 0.567 | 0.9    | 151#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.752 | 0.741 | 1.5    | 150   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 133   | 0.01     |
| 14 S    | 2,4,6-Tribromophenol       | 0.156 | 0.167 | -7.1   | 166#  | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 0.475 | 0.662 | -39.4# | 183#  | 0.00     |
| 16      | Acenaphthylene             | 1.976 | 3.225 | -63.2# | 224#  | 0.00     |
| 17      | Acenaphthene               | 1.253 | 1.393 | -11.2  | 149   | 0.01     |
| 18      | Fluorene                   | 1.705 | 1.769 | -3.8   | 138   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 104   | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.030 | 0.002 | 93.3#  | 6#    | 0.01     |
| 21      | 4-Bromophenyl-phenylether  | 0.222 | 0.269 | -21.2  | 124   | 0.00     |
| 22      | Hexachlorobenzene          | 0.234 | 0.256 | -9.4   | 111   | 0.00     |
| 23      | Atrazine                   | 0.186 | 0.217 | -16.7  | 127   | 0.00     |
| 24      | Pentachlorophenol          | 0.084 | 0.084 | 0.0    | 118   | 0.01     |
| 25      | Phenanthrene               | 1.182 | 1.199 | -1.4   | 103   | 0.00     |
| 26      | Anthracene                 | 1.128 | 1.193 | -5.8   | 112   | 0.01     |
| 27 SURR | Fluoranthene-d10           | 0.989 | 0.894 | 9.6    | 93    | 0.00     |
| 28      | Fluoranthene               | 1.379 | 1.238 | 10.2   | 93    | 0.01     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 79    | 0.00     |
| 30      | Pyrene                     | 1.668 | 2.082 | -24.8  | 97    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.842 | 0.980 | -16.4  | 93    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.587 | 1.727 | -8.8   | 90    | 0.00     |
| 33      | Chrysene                   | 1.581 | 1.606 | -1.6   | 82    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.821 | 1.482 | -80.5# | 141   | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 85    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.615 | 1.616 | -0.1   | 94    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.596 | 1.399 | 12.3   | 82    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.566 | 1.372 | 12.4   | 81    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.362 | 1.411 | -3.6   | 98    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.279 | 1.288 | -0.7   | 93    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.370 | 1.369 | 0.1    | 92    | 0.02     |

(#) = Out of Range

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

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