

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090222\  
 Data File : BN021559.D  
 Acq On : 02 Sep 2022 13:00  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 03 03:06:09 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 02 00:53:31 2022  
 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   | 83    | 0.00     |
| 2       | 1,4-Dioxane                | 0.500 | 0.537 | -7.4  | 95    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.451 | 0.471 | -4.4  | 94    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.783 | 0.846 | -8.0  | 97    | 0.00     |
| 5 S     | Phenol-d6                  | 0.998 | 1.036 | -3.8  | 96    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.256 | 1.278 | -1.8  | 90    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 84    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.270 | 0.263 | 2.6   | 93    | 0.00     |
| 9       | Naphthalene                | 1.185 | 1.190 | -0.4  | 92    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.205 | 0.204 | 0.5   | 90    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.902 | 1.022 | -13.3 | 110   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.150 | 0.157 | -4.7  | 107   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.131 | 0.112 | 14.5  | 99    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.749 | 1.713 | 2.1   | 93    | 0.00     |
| 16      | Acenaphthylene             | 1.878 | 1.756 | 6.5   | 97    | 0.00     |
| 17      | Acenaphthene               | 1.321 | 1.285 | 2.7   | 97    | 0.00     |
| 18      | Fluorene                   | 1.630 | 1.616 | 0.9   | 99    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 86    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.000 | 0.000 | 0.0   | 0#    | -15.63#  |
| 21      | 4-Bromophenyl-phenylether  | 0.250 | 0.252 | -0.8  | 97    | 0.00     |
| 22      | Hexachlorobenzene          | 0.306 | 0.315 | -2.9  | 97    | 0.00     |
| 23      | Atrazine                   | 0.146 | 0.130 | 11.0  | 96    | -0.01    |
| 24      | Pentachlorophenol          | 0.065 | 0.054 | 16.9  | 96    | 0.00     |
| 25      | Phenanthrene               | 1.381 | 1.353 | 2.0   | 93    | 0.00     |
| 26      | Anthracene                 | 1.097 | 1.045 | 4.7   | 97    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.028 | 0.909 | 11.6  | 88    | 0.00     |
| 28      | Fluoranthene               | 1.435 | 1.256 | 12.5  | 87    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 68    | 0.00     |
| 30      | Pyrene                     | 2.132 | 2.563 | -20.2 | 86    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.899 | 1.063 | -18.2 | 82    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.393 | 1.362 | 2.2   | 76    | 0.00     |
| 33      | Chrysene                   | 1.659 | 1.695 | -2.2  | 75    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.561 | 0.576 | -2.7  | 80    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 69    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.806 | 1.897 | -5.0  | 85    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.972 | 1.928 | 2.2   | 75    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.984 | 1.896 | 4.4   | 74    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.376 | 1.348 | 2.0   | 80    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.454 | 1.511 | -3.9  | 84    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.595 | 1.737 | -8.9  | 86    | 0.00     |

(#) = Out of Range

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

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