

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112922\  
 Data File : BN022976.D  
 Acq On : 30 Nov 2022 07:09  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Nov 30 07:40:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 30 00:45:21 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                | 0.508 | 0.488 | 3.9    | 78    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.547 | 0.511 | 6.6    | 76    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.039 | 0.925 | 11.0   | 72    | 0.00     |
| 5 S     | Phenol-d6                  | 1.324 | 1.171 | 11.6   | 73    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.243 | 1.281 | -3.1   | 82    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 77    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.311 | 0.323 | -3.9   | 81    | -0.01    |
| 9       | Naphthalene                | 1.232 | 1.269 | -3.0   | 78    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.253 | 0.273 | -7.9   | 80    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.868 | 0.750 | 13.6   | 68    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.251 | 0.187 | 25.5#  | 61    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 62    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.193 | 0.154 | 20.2   | 50#   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.830 | 2.058 | -12.5  | 66    | 0.00     |
| 16      | Acenaphthylene             | 2.118 | 1.958 | 7.6    | 57    | 0.00     |
| 17      | Acenaphthene               | 1.393 | 1.445 | -3.7   | 62    | 0.00     |
| 18      | Fluorene                   | 1.785 | 1.709 | 4.3    | 56    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 53    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.045 | 0.049 | -8.9   | 61    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.289 | 0.291 | -0.7   | 52    | 0.00     |
| 22      | Hexachlorobenzene          | 0.352 | 0.388 | -10.2  | 55    | 0.00     |
| 23      | Atrazine                   | 0.204 | 0.170 | 16.7   | 45#   | 0.00     |
| 24      | Pentachlorophenol          | 0.096 | 0.083 | 13.5   | 50    | 0.00     |
| 25      | Phenanthrene               | 1.391 | 1.449 | -4.2   | 53    | -0.01    |
| 26      | Anthracene                 | 1.207 | 1.126 | 6.7    | 49#   | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.087 | 1.011 | 7.0    | 48#   | 0.00     |
| 28      | Fluoranthene               | 1.479 | 1.401 | 5.3    | 49#   | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 53    | 0.00     |
| 30      | Pyrene                     | 2.082 | 2.014 | 3.3    | 49#   | 0.00     |
| 31 S    | Terphenyl-d14              | 0.940 | 0.915 | 2.7    | 47#   | 0.00     |
| 32      | Benzo(a)anthracene         | 1.616 | 1.545 | 4.4    | 50#   | 0.00     |
| 33      | Chrysene                   | 1.676 | 1.810 | -8.0   | 54    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.649 | 0.657 | -1.2   | 60    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 57    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.660 | 2.208 | -33.0# | 76    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.786 | 1.988 | -11.3  | 63    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.934 | 2.095 | -8.3   | 59    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.363 | 1.429 | -4.8   | 60    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.318 | 1.835 | -39.2# | 79    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.420 | 1.834 | -29.2# | 72    | 0.00     |

(#) = Out of Range

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

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