

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060822\  
 Data File : BN020060.D  
 Acq On : 08 Jun 2022 11:01  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 09 01:53:33 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN051322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 09 01:49:56 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   | 60    | 0.00     |
| 2       | 1,4-Dioxane                | 0.475 | 0.509 | -7.2  | 65    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.520 | 0.508 | 2.3   | 60    | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.001 | 1.152 | -15.1 | 69    | 0.00     |
| 5 S     | Phenol-d6                  | 1.254 | 1.426 | -13.7 | 70    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.221 | 1.222 | -0.1  | 60    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 62    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.302 | 0.324 | -7.3  | 71    | 0.00     |
| 9       | Naphthalene                | 1.215 | 1.251 | -3.0  | 66    | 0.00     |
| 10      | Hexachlorobutadiene        | 0.221 | 0.225 | -1.8  | 65    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.696 | 0.740 | -6.3  | 68    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.827 | 0.869 | -5.1  | 68    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 65    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.158 | 0.150 | 5.1   | 69    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.746 | 1.731 | 0.9   | 65    | 0.00     |
| 16      | Acenaphthylene             | 1.876 | 1.967 | -4.9  | 75    | 0.00     |
| 17      | Acenaphthene               | 1.388 | 1.389 | -0.1  | 67    | 0.00     |
| 18      | Fluorene                   | 1.754 | 1.794 | -2.3  | 69    | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 63    | 0.00     |
| 20      | 4,6-Dinitro-2-methylphenol | 0.057 | 0.045 | 21.1  | 54    | 0.00     |
| 21      | 4-Bromophenyl-phenylether  | 0.244 | 0.244 | 0.0   | 67    | 0.00     |
| 22      | Hexachlorobenzene          | 0.271 | 0.274 | -1.1  | 67    | 0.00     |
| 23      | Atrazine                   | 0.159 | 0.169 | -6.3  | 76    | 0.00     |
| 24      | Pentachlorophenol          | 0.105 | 0.075 | 28.6# | 56    | 0.00     |
| 25      | Phenanthrene               | 1.385 | 1.396 | -0.8  | 66    | 0.00     |
| 26      | Anthracene                 | 1.171 | 1.202 | -2.6  | 70    | 0.00     |
| 27 SURR | Fluoranthene-d10           | 1.137 | 1.228 | -8.0  | 72    | 0.00     |
| 28      | Fluoranthene               | 1.484 | 1.571 | -5.9  | 71    | 0.00     |
| 29 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 69    | 0.00     |
| 30      | Pyrene                     | 1.697 | 1.732 | -2.1  | 73    | 0.00     |
| 31 S    | Terphenyl-d14              | 0.943 | 0.940 | 0.3   | 71    | 0.00     |
| 32      | Benzo(a)anthracene         | 1.458 | 1.540 | -5.6  | 77    | 0.00     |
| 33      | Chrysene                   | 1.635 | 1.631 | 0.2   | 70    | 0.00     |
| 34      | Bis(2-ethylhexyl)phthalate | 0.607 | 0.700 | -15.3 | 90    | 0.00     |
| 35 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 67    | 0.00     |
| 36      | Indeno(1,2,3-cd)pyrene     | 1.873 | 1.684 | 10.1  | 64    | 0.00     |
| 37      | Benzo(b)fluoranthene       | 1.746 | 1.797 | -2.9  | 71    | 0.00     |
| 38      | Benzo(k)fluoranthene       | 1.853 | 1.848 | 0.3   | 69    | 0.00     |
| 39 C    | Benzo(a)pyrene             | 1.374 | 1.439 | -4.7  | 75    | 0.00     |
| 40      | Dibenzo(a,h)anthracene     | 1.510 | 1.362 | 9.8   | 65    | 0.00     |
| 41      | Benzo(g,h,i)perylene       | 1.553 | 1.369 | 11.8  | 63    | 0.00     |

(#) = Out of Range

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

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BNA\_N  
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SSTDCCC0.4