

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\  
 Data File : BN010865.D  
 Acq On : 13 Jun 2020 05:07  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Jun 13 05:37:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 12 11:11:17 2020  
 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                   | AvqRF | CCRF  | %Dev   | Area% | Dev(min) |
|---------|----------------------------|-------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0    | 149   | 0.00     |
| 2       | 1,4-Dioxane                | 0.392 | 0.420 | -7.1   | 153#  | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.228 | 0.200 | 12.3   | 149   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.772 | 0.973 | -26.0# | 184#  | 0.00     |
| 5 S     | Phenol-d6                  | 0.910 | 1.166 | -28.1# | 191#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 0.887 | 1.073 | -21.0  | 181#  | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 161#  | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.296 | 0.302 | -2.0   | 158#  | 0.00     |
| 9       | Naphthalene                | 1.005 | 1.071 | -6.6   | 163#  | 0.00     |
| 10      | Hexachlorobutadiene        | 0.248 | 0.247 | 0.4    | 149   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.620 | 0.666 | -7.4   | 165#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.673 | 0.715 | -6.2   | 166#  | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 163#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.143 | 0.145 | -1.4   | 171#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.578 | 1.641 | -4.0   | 160#  | 0.00     |
| 16      | Acenaphthylene             | 1.639 | 1.723 | -5.1   | 170#  | 0.01     |
| 17      | Acenaphthene               | 1.117 | 1.198 | -7.3   | 169#  | 0.00     |
| 18      | Fluorene                   | 1.441 | 1.501 | -4.2   | 166#  | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 159#  | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.240 | 0.238 | 0.8    | 154#  | 0.00     |
| 21      | Hexachlorobenzene          | 0.251 | 0.264 | -5.2   | 160#  | 0.01     |
| 22      | Pentachlorophenol          | 0.084 | 0.080 | 4.8    | 156#  | 0.01     |
| 23      | Phenanthrene               | 1.093 | 1.156 | -5.8   | 164#  | 0.00     |
| 24      | Anthracene                 | 0.912 | 0.975 | -6.9   | 172#  | 0.01     |
| 25 SURR | Fluoranthene-d10           | 1.104 | 1.193 | -8.1   | 170#  | 0.00     |
| 26      | Fluoranthene               | 1.240 | 1.313 | -5.9   | 169#  | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 174#  | -0.01    |
| 28      | Pvrene                     | 1.323 | 1.359 | -2.7   | 172#  | 0.00     |
| 29 S    | Terphenyl-d14              | 0.936 | 0.951 | -1.6   | 169#  | 0.00     |
| 30      | Benzo(a)anthracene         | 1.176 | 1.242 | -5.6   | 186#  | 0.00     |
| 31      | Chrysene                   | 1.370 | 1.453 | -6.1   | 171#  | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.392 | 0.485 | -23.7  | 220#  | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.531 | 1.660 | -8.4   | 180#  | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 191#  | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.360 | 1.324 | 2.6    | 180#  | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.449 | 1.410 | 2.7    | 177#  | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.167 | 1.197 | -2.6   | 195#  | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.330 | 1.277 | 4.0    | 180#  | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.391 | 1.310 | 5.8    | 169#  | 0.00     |

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| Compound           | AvgRF          | CCRF          | %Dev Area | % Dev(min) |
|--------------------|----------------|---------------|-----------|------------|
| -----              |                |               |           |            |
| (#) = Out of Range | SPCC's out = 0 | CCC's out = 0 |           |            |