

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\  
 Data File : BN007985.D  
 Acq On : 03 Oct 2019 18:00  
 Operator : JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 04 08:29:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 03 18:39:49 2019  
 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    | 66    | -0.02    |
| 2       | 1,4-Dioxane                | 0.446 | 0.468 | -4.9   | 82    | -0.02    |
| 3       | n-Nitrosodimethylamine     | 0.204 | 0.327 | -60.3# | 69    | -0.02    |
| 4 S     | 2-Fluorophenol             | 1.377 | 1.269 | 7.8    | 70    | -0.02    |
| 5 S     | Phenol-d6                  | 1.962 | 1.627 | 17.1   | 69    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.133 | 1.223 | -7.9   | 81    | -0.02    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 68    | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.350 | 0.344 | 1.7    | 69    | -0.01    |
| 9       | Naphthalene                | 1.123 | 1.166 | -3.8   | 71    | -0.03    |
| 10      | Hexachlorobutadiene        | 0.236 | 0.259 | -9.7   | 75    | -0.03    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.674 | 0.717 | -6.4   | 75    | -0.02    |
| 12      | 2-Methylnaphthalene        | 0.759 | 0.814 | -7.2   | 75    | -0.02    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 71    | -0.02    |
| 14 S    | 2,4,6-Tribromophenol       | 0.218 | 0.213 | 2.3    | 83    | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.647 | 1.565 | 5.0    | 72    | -0.01    |
| 16      | Acenaphthylene             | 2.121 | 1.991 | 6.1    | 74    | -0.02    |
| 17      | Acenaphthene               | 1.368 | 1.241 | 9.3    | 70    | -0.02    |
| 18      | Fluorene                   | 1.753 | 1.670 | 4.7    | 74    | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 70    | -0.02    |
| 20      | 4-Bromophenyl-phenylether  | 0.243 | 0.249 | -2.5   | 73    | -0.02    |
| 21      | Hexachlorobenzene          | 0.265 | 0.283 | -6.8   | 75    | -0.02    |
| 22      | Pentachlorophenol          | 0.098 | 0.104 | -6.1   | 85    | -0.01    |
| 23      | Phenanthrene               | 1.246 | 1.255 | -0.7   | 71    | -0.02    |
| 24      | Anthracene                 | 1.125 | 1.162 | -3.3   | 75    | -0.01    |
| 25 SURR | Fluoranthene-d10           | 1.348 | 1.434 | -6.4   | 75    | -0.02    |
| 26      | Fluoranthene               | 1.549 | 1.629 | -5.2   | 74    | -0.02    |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 71    | -0.02    |
| 28      | Pvrene                     | 1.364 | 1.413 | -3.6   | 76    | -0.02    |
| 29 S    | Terphenyl-d14              | 0.983 | 1.034 | -5.2   | 77    | -0.02    |
| 30      | Benzo(a)anthracene         | 1.473 | 1.486 | -0.9   | 75    | -0.02    |
| 31      | Chrysene                   | 1.436 | 1.478 | -2.9   | 75    | -0.02    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.758 | 0.876 | -15.6  | 92    | -0.03    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.797 | 1.742 | 3.1    | 71    | -0.04    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 69    | -0.03    |
| 35      | Benzo(b)fluoranthene       | 1.389 | 1.419 | -2.2   | 75    | -0.03    |
| 36      | Benzo(k)fluoranthene       | 1.373 | 1.375 | -0.1   | 72    | -0.03    |
| 37 C    | Benzo(a)pyrene             | 1.305 | 1.310 | -0.4   | 73    | -0.03    |
| 38      | Dibenzo(a,h)anthracene     | 1.335 | 1.304 | 2.3    | 71    | -0.04    |
| 39      | Benzo(a,h,i)perylene       | 1.321 | 1.302 | 1.4    | 71    | -0.04    |

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