

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102918\  
 Data File : BN003338.D  
 Acq On : 29 Oct 2018 18:57  
 Operator : MJ/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 30 06:45:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 16:15:49 2018  
 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   | 116   | 0.00     |
| 2       | 1,4-Dioxane                | 0.518 | 0.440 | 15.1  | 106   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.238 | 0.233 | 2.1   | 119   | -0.02    |
| 4 S     | 2-Fluorophenol             | 0.991 | 0.928 | 6.4   | 113   | 0.00     |
| 5 S     | Phenol-d6                  | 1.251 | 1.199 | 4.2   | 117   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.116 | 1.085 | 2.8   | 114   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 119   | -0.01    |
| 8 S     | Nitrobenzene-d5            | 0.175 | 0.207 | -18.3 | 155#  | 0.00     |
| 9       | Naphthalene                | 0.979 | 0.906 | 7.5   | 114   | -0.01    |
| 10      | Hexachlorobutadiene        | 0.179 | 0.167 | 6.7   | 115   | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.651 | 0.601 | 7.7   | 114   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.684 | 0.628 | 8.2   | 113   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 118   | -0.01    |
| 14 S    | 2,4,6-Tribromophenol       | 0.159 | 0.151 | 5.0   | 132   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.721 | 1.534 | 10.9  | 112   | -0.01    |
| 16      | Acenaphthylene             | 1.783 | 1.570 | 11.9  | 110   | -0.01    |
| 17      | Acenaphthene               | 1.236 | 1.117 | 9.6   | 111   | 0.00     |
| 18      | Fluorene                   | 1.546 | 1.352 | 12.5  | 107   | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.232 | 0.209 | 9.9   | 108   | -0.01    |
| 21      | Hexachlorobenzene          | 0.244 | 0.226 | 7.4   | 109   | -0.01    |
| 22      | Pentachlorophenol          | 0.066 | 0.076 | -15.2 | 142   | 0.00     |
| 23      | Phenanthrene               | 1.097 | 0.984 | 10.3  | 107   | -0.01    |
| 24      | Anthracene                 | 0.941 | 0.806 | 14.3  | 104   | -0.01    |
| 25 SURR | Fluoranthene-d10           | 1.163 | 0.999 | 14.1  | 104   | 0.00     |
| 26      | Fluoranthene               | 1.260 | 1.080 | 14.3  | 103   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 110   | 0.00     |
| 28      | Pvrene                     | 1.106 | 0.991 | 10.4  | 105   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.930 | 0.812 | 12.7  | 105   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.048 | 0.947 | 9.6   | 110   | -0.01    |
| 31      | Chrysene                   | 1.131 | 0.999 | 11.7  | 103   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 0.310 | 0.310 | 0.0   | 125   | -0.02    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.170 | 0.939 | 19.7  | 93    | -0.02    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.248 | 1.121 | 10.2  | 103   | -0.01    |
| 36      | Benzo(k)fluoranthene       | 1.236 | 1.083 | 12.4  | 100   | -0.01    |
| 37 C    | Benzo(a)pyrene             | 1.136 | 1.010 | 11.1  | 100   | -0.01    |
| 38      | Dibenzo(a,h)anthracene     | 1.058 | 0.860 | 18.7  | 95    | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 1.058 | 0.834 | 21.2  | 93    | -0.01    |

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