

Data Path : Z:\HPCHEM1\BNA E\Data\BE080317\  
 Data File : BE093649.D  
 Acq On : 3 Aug 2017 8:53  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc : I4426-07  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 03 09:45:05 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 10:58:31 2017  
 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   | 109   | -0.01    |
| 2       | 1,4-Dioxane                | 0.648 | 0.656 | -1.2  | 111   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.607 | 0.578 | 4.8   | 110   | 0.01     |
| 4 S     | 2-Fluorophenol             | 1.192 | 1.247 | -4.6  | 119   | 0.00     |
| 5 S     | Phenol-d6                  | 1.794 | 1.829 | -2.0  | 115   | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.508 | 1.483 | 1.7   | 110   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.305 | 0.307 | -0.7  | 112   | 0.00     |
| 9       | Naphthalene                | 4.630 | 4.575 | 1.2   | 104   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.172 | 0.171 | 0.6   | 106   | -0.02    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.632 | 0.627 | 0.8   | 104   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.766 | 0.750 | 2.1   | 103   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.093 | 0.094 | -1.1  | 127   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.601 | 1.610 | -0.6  | 102   | -0.02    |
| 16      | Acenaphthylene             | 1.912 | 1.916 | -0.2  | 106   | 0.00     |
| 17      | Acenaphthene               | 1.349 | 1.339 | 0.7   | 103   | 0.00     |
| 18      | Fluorene                   | 1.803 | 1.783 | 1.1   | 100   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 123   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.126 | 0.106 | 15.9  | 92    | 0.00     |
| 21      | Hexachlorobenzene          | 0.129 | 0.114 | 11.6  | 100   | -0.03    |
| 22      | Pentachlorophenol          | 0.055 | 0.063 | -14.5 | 147   | 0.00     |
| 23      | Phenanthrene               | 0.880 | 0.830 | 5.7   | 112   | 0.00     |
| 24      | Anthracene                 | 1.203 | 1.282 | -6.6  | 123   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.541 | 4.277 | 5.8   | 106   | 0.00     |
| 26      | Fluoranthene               | 1.401 | 1.302 | 7.1   | 105   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 115   | -0.01    |
| 28      | Pvrene                     | 1.292 | 1.192 | 7.7   | 106   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.719 | 0.667 | 7.2   | 105   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.176 | 1.206 | -2.6  | 122   | 0.00     |
| 31      | Chrysene                   | 1.311 | 1.280 | 2.4   | 112   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.603 | 1.883 | -17.5 | 157#  | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.187 | 1.263 | -6.4  | 121   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 124   | -0.01    |
| 35      | Benzo(b)fluoranthene       | 1.427 | 1.314 | 7.9   | 117   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.459 | 1.380 | 5.4   | 121   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.293 | 1.239 | 4.2   | 123   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.248 | 1.192 | 4.5   | 120   | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.266 | 1.163 | 8.1   | 116   | 0.00     |

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