

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\  
 Data File : BE097775.D  
 Acq On : 6 Oct 2018 4:15  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 06 05:02:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 03 12:17:19 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    | 69    | -0.01    |
| 2       | 1,4-Dioxane                | 0.797 | 0.727 | 8.8    | 67    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.725 | 0.626 | 13.7   | 63    | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.946 | 0.947 | -0.1   | 72    | 0.00     |
| 5 S     | Phenol-d6                  | 1.450 | 1.430 | 1.4    | 69    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.501 | 1.431 | 4.7    | 68    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 71    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.130 | 0.237 | -82.3# | 140   | 0.00     |
| 9       | Naphthalene                | 4.031 | 3.858 | 4.3    | 70    | -0.01    |
| 10      | Hexachlorobutadiene        | 0.214 | 0.208 | 2.8    | 72    | -0.01    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.636 | 0.618 | 2.8    | 71    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.645 | 0.634 | 1.7    | 73    | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 77    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.072 | 0.094 | -30.6# | 124   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.761 | 1.562 | 11.3   | 73    | -0.02    |
| 16      | Acenaphthylene             | 1.771 | 1.589 | 10.3   | 73    | 0.00     |
| 17      | Acenaphthene               | 1.135 | 1.074 | 5.4    | 77    | 0.00     |
| 18      | Fluorene                   | 1.507 | 1.394 | 7.5    | 75    | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 73    | -0.01    |
| 20      | 4-Bromophenyl-phenylether  | 0.210 | 0.201 | 4.3    | 75    | -0.01    |
| 21      | Hexachlorobenzene          | 0.236 | 0.217 | 8.1    | 71    | 0.00     |
| 22      | Pentachlorophenol          | 0.037 | 0.049 | -32.4# | 110   | -0.01    |
| 23      | Phenanthrene               | 1.031 | 0.996 | 3.4    | 74    | 0.00     |
| 24      | Anthracene                 | 0.890 | 0.824 | 7.4    | 74    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.063 | 4.920 | 2.8    | 77    | 0.00     |
| 26      | Fluoranthene               | 1.313 | 1.252 | 4.6    | 75    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 71    | -0.01    |
| 28      | Pvrene                     | 1.016 | 0.997 | 1.9    | 77    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.817 | 0.794 | 2.8    | 77    | -0.01    |
| 30      | Benzo(a)anthracene         | 1.075 | 1.031 | 4.1    | 76    | -0.01    |
| 31      | Chrysene                   | 1.202 | 1.177 | 2.1    | 75    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 0.787 | 1.046 | -32.9# | 109   | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.044 | 0.957 | 8.3    | 71    | -0.02    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 75    | -0.02    |
| 35      | Benzo(b)fluoranthene       | 1.098 | 0.972 | 11.5   | 74    | -0.01    |
| 36      | Benzo(k)fluoranthene       | 1.217 | 1.175 | 3.5    | 80    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 0.994 | 0.883 | 11.2   | 74    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.979 | 0.839 | 14.3   | 71    | -0.02    |
| 39      | Benzo(a,h,i)perylene       | 1.024 | 0.915 | 10.6   | 73    | -0.02    |

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