

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE042619\  
 Data File : BE099370.D  
 Acq On : 26 Apr 2019 10:17  
 Operator : JU/SJ  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDC00.4

Quant Time: Apr 27 05:18:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE041819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 19 06:51:38 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                   | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|---------|----------------------------|-------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0    | 107   | 0.00     |
| 2       | 1,4-Dioxane                | 0.560 | 0.470 | 16.1   | 90    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.301 | 0.264 | 12.3   | 111   | -0.01    |
| 4 S     | 2-Fluorophenol             | 0.977 | 1.147 | -17.4  | 125   | 0.01     |
| 5 S     | Phenol-d6                  | 1.395 | 1.626 | -16.6  | 125   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.301 | 1.250 | 3.9    | 99    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 108   | 0.01     |
| 8 S     | Nitrobenzene-d5            | 0.311 | 0.356 | -14.5  | 131   | 0.00     |
| 9       | Naphthalene                | 4.364 | 4.674 | -7.1   | 115   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.277 | 0.301 | -8.7   | 116   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.706 | 0.703 | 0.4    | 108   | 0.01     |
| 12      | 2-Methylnaphthalene        | 0.743 | 0.796 | -7.1   | 117   | 0.01     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 107   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.133 | 0.191 | -43.6# | 152#  | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.572 | 1.629 | -3.6   | 107   | 0.00     |
| 16      | Acenaphthylene             | 1.808 | 1.946 | -7.6   | 118   | 0.00     |
| 17      | Acenaphthene               | 1.114 | 1.140 | -2.3   | 108   | 0.01     |
| 18      | Fluorene                   | 1.601 | 1.567 | 2.1    | 102   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 94    | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.222 | 0.245 | -10.4  | 103   | 0.00     |
| 21      | Hexachlorobenzene          | 0.213 | 0.235 | -10.3  | 100   | 0.00     |
| 22      | Pentachlorophenol          | 0.057 | 0.084 | -47.4# | 166#  | 0.00     |
| 23      | Phenanthrene               | 1.059 | 1.067 | -0.8   | 93    | 0.00     |
| 24      | Anthracene                 | 0.942 | 0.974 | -3.4   | 97    | 0.00     |
| 25 SURR | Fluoranthene-d10           | 4.806 | 4.826 | -0.4   | 95    | 0.00     |
| 26      | Fluoranthene               | 1.418 | 1.408 | 0.7    | 94    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 96    | 0.00     |
| 28      | Pyrene                     | 1.178 | 1.200 | -1.9   | 95    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.787 | 0.803 | -2.0   | 96    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.176 | 1.330 | -13.1  | 113   | 0.01     |
| 31      | Chrysene                   | 1.251 | 1.271 | -1.6   | 94    | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.070 | 2.102 | -96.4# | 220#  | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.236 | 1.407 | -13.8  | 109   | 0.02     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 108   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.225 | 1.218 | 0.6    | 108   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.221 | 1.127 | 7.7    | 98    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.097 | 1.123 | -2.4   | 110   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.121 | 1.102 | 1.7    | 106   | 0.01     |
| 39      | Benzo(g,h,i)perylene       | 1.137 | 1.091 | 4.0    | 103   | 0.02     |

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