

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE050119\  
 Data File : BE099473.D  
 Acq On : 1 May 2019 21:23  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: May 02 08:28:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE042919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 29 18:36:43 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   | 122   | -0.01    |
| 2       | 1,4-Dioxane                | 0.550 | 0.475 | 13.6  | 122   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.332 | 0.311 | 6.3   | 129   | -0.01    |
| 4 S     | 2-Fluorophenol             | 1.106 | 1.176 | -6.3  | 135   | 0.00     |
| 5 S     | Phenol-d6                  | 1.471 | 1.799 | -22.3 | 152#  | -0.01    |
| 6       | bis(2-Chloroethyl)ether    | 1.269 | 1.289 | -1.6  | 126   | -0.01    |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 145   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.375 | 0.375 | 0.0   | 145   | 0.00     |
| 9       | Naphthalene                | 4.359 | 4.441 | -1.9  | 145   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.303 | 0.296 | 2.3   | 139   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.721 | 0.734 | -1.8  | 149   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.758 | 0.815 | -7.5  | 157#  | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 150#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.252 | 0.238 | 5.6   | 147   | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.526 | 1.543 | -1.1  | 149   | -0.01    |
| 16      | Acenaphthylene             | 1.957 | 1.988 | -1.6  | 152#  | -0.01    |
| 17      | Acenaphthene               | 1.118 | 1.139 | -1.9  | 154#  | 0.00     |
| 18      | Fluorene                   | 1.649 | 1.635 | 0.8   | 147   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 134   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.233 | 0.244 | -4.7  | 139   | 0.00     |
| 21      | Hexachlorobenzene          | 0.222 | 0.239 | -7.7  | 143   | 0.00     |
| 22      | Pentachlorophenol          | 0.100 | 0.094 | 6.0   | 149   | 0.00     |
| 23      | Phenanthrene               | 1.032 | 1.035 | -0.3  | 132   | 0.00     |
| 24      | Anthracene                 | 0.984 | 0.972 | 1.2   | 133   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.391 | 4.822 | 10.6  | 120   | 0.00     |
| 26      | Fluoranthene               | 1.546 | 1.406 | 9.1   | 121   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 109   | 0.00     |
| 28      | Pyrene                     | 1.043 | 1.293 | -24.0 | 119   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.733 | 0.875 | -19.4 | 115   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.274 | 1.420 | -11.5 | 107   | -0.01    |
| 31      | Chrysene                   | 1.247 | 1.371 | -9.9  | 105   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.216 | 2.097 | 5.4   | 94    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.474 | 1.603 | -8.8  | 104   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.153 | 1.223 | -6.1  | 107   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.112 | 1.173 | -5.5  | 103   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.090 | 1.155 | -6.0  | 105   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.115 | 1.168 | -4.8  | 104   | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 1.118 | 1.170 | -4.7  | 104   | 0.00     |

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