

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE041219\  
 Data File : BE099320.D  
 Acq On : 12 Apr 2019 21:01  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Apr 12 21:41:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE040219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 12 20:31:12 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    | 143   | 0.00     |
| 2       | 1,4-Dioxane                | 0.545 | 0.579 | -6.2   | 152#  | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.322 | 0.341 | -5.9   | 157#  | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.063 | 1.136 | -6.9   | 146   | 0.00     |
| 5 S     | Phenol-d6                  | 1.461 | 1.658 | -13.5  | 160#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.310 | 1.428 | -9.0   | 156#  | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0    | 146   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.275 | 0.340 | -23.6  | 189#  | 0.00     |
| 9       | Naphthalene                | 4.351 | 4.636 | -6.6   | 155#  | 0.00     |
| 10      | Hexachlorobutadiene        | 0.283 | 0.302 | -6.7   | 155#  | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.698 | 0.772 | -10.6  | 164#  | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.740 | 0.801 | -8.2   | 159#  | -0.01    |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0    | 155#  | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.184 | 0.199 | -8.2   | 187#  | -0.01    |
| 15 S    | 2-Fluorobiphenyl           | 1.572 | 1.641 | -4.4   | 162#  | 0.00     |
| 16      | Acenaphthylene             | 1.895 | 1.946 | -2.7   | 165#  | 0.00     |
| 17      | Acenaphthene               | 1.118 | 1.170 | -4.7   | 166#  | -0.01    |
| 18      | Fluorene                   | 1.615 | 1.704 | -5.5   | 163#  | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 152#  | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.227 | 0.241 | -6.2   | 166#  | 0.00     |
| 21      | Hexachlorobenzene          | 0.216 | 0.227 | -5.1   | 162#  | 0.00     |
| 22      | Pentachlorophenol          | 0.090 | 0.122 | -35.6# | 237#  | 0.00     |
| 23      | Phenanthrene               | 1.035 | 1.111 | -7.3   | 162#  | 0.00     |
| 24      | Anthracene                 | 0.976 | 1.028 | -5.3   | 161#  | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.280 | 5.372 | -1.7   | 153#  | 0.00     |
| 26      | Fluoranthene               | 1.528 | 1.562 | -2.2   | 155#  | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 125   | 0.00     |
| 28      | Pyrene                     | 1.056 | 1.280 | -21.2  | 154#  | 0.00     |
| 29 S    | Terphenyl-d14              | 0.730 | 0.858 | -17.5  | 148   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.259 | 1.314 | -4.4   | 130   | 0.00     |
| 31      | Chrysene                   | 1.235 | 1.363 | -10.4  | 137   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 1.605 | 1.852 | -15.4  | 149   | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.412 | 1.410 | 0.1    | 121   | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0    | 117   | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.194 | 1.257 | -5.3   | 127   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.162 | 1.251 | -7.7   | 129   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.122 | 1.170 | -4.3   | 125   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.116 | 1.155 | -3.5   | 123   | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 1.112 | 1.141 | -2.6   | 122   | 0.00     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE041219\  
Data File : BE099320.D  
Acq On : 12 Apr 2019 21:01  
Operator : JU/SJ  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDCCC0.4

Quant Time: Apr 12 21:41:20 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE040219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 12 20:31:12 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) |
|--------------------|------------------------------|------|-----------|------------|
| -----              |                              |      |           |            |
| (#) = Out of Range | SPCC's out = 0 CCC's out = 0 |      |           |            |