

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101917\  
 Data File : BE094441.D  
 Acq On : 19 Oct 2017 11:01  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Oct 20 13:02:23 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 14:54:40 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 87    | -0.01    |
| 2       | 1,4-Dioxane                | 0.698 | 0.780 | -11.7 | 97    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.695 | 0.633 | 8.9   | 80    | 0.01     |
| 4 S     | 2-Fluorophenol             | 1.352 | 1.424 | -5.3  | 91    | 0.00     |
| 5 S     | Phenol-d6                  | 2.108 | 2.190 | -3.9  | 88    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.559 | 1.690 | -8.4  | 91    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 89    | -0.02    |
| 8 S     | Nitrobenzene-d5            | 0.348 | 0.357 | -2.6  | 92    | 0.00     |
| 9       | Naphthalene                | 4.473 | 4.866 | -8.8  | 96    | -0.02    |
| 10      | Hexachlorobutadiene        | 0.179 | 0.183 | -2.2  | 91    | -0.02    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.617 | 0.682 | -10.5 | 98    | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.737 | 0.825 | -11.9 | 100   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.152 | 0.139 | 8.6   | 83    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.428 | 1.528 | -7.0  | 102   | 0.00     |
| 16      | Acenaphthylene             | 2.169 | 2.281 | -5.2  | 102   | 0.00     |
| 17      | Acenaphthene               | 1.366 | 1.458 | -6.7  | 104   | 0.00     |
| 18      | Fluorene                   | 1.761 | 1.874 | -6.4  | 104   | -0.01    |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 93    | -0.03    |
| 20      | 4-Bromophenyl-phenylether  | 0.200 | 0.233 | -16.5 | 120   | -0.03    |
| 21      | Hexachlorobenzene          | 0.365 | 0.332 | 9.0   | 87    | 0.00     |
| 22      | Pentachlorophenol          | 0.032 | 0.020 | 37.5# | 63    | 0.03     |
| 23      | Phenanthrene               | 1.574 | 1.320 | 16.1  | 75    | 0.00     |
| 24      | Anthracene                 | 1.216 | 1.319 | -8.5  | 104   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 6.441 | 6.421 | 0.3   | 97    | 0.00     |
| 26      | Fluoranthene               | 1.954 | 1.931 | 1.2   | 97    | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 96    | 0.00     |
| 28      | Pyrene                     | 1.509 | 1.504 | 0.3   | 96    | 0.00     |
| 29 S    | Terphenyl-d14              | 0.807 | 0.821 | -1.7  | 97    | 0.00     |
| 30      | Benzo(a)anthracene         | 1.384 | 1.426 | -3.0  | 100   | -0.01    |
| 31      | Chrysene                   | 1.332 | 1.390 | -4.4  | 98    | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 3.984 | 3.694 | 7.3   | 92    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.341 | 1.388 | -3.5  | 100   | -0.02    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 98    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.357 | 1.410 | -3.9  | 101   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.337 | 1.392 | -4.1  | 100   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.275 | 1.320 | -3.5  | 101   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.207 | 1.249 | -3.5  | 100   | -0.02    |
| 39      | Benzo(g,h,i)perylene       | 1.161 | 1.193 | -2.8  | 99    | -0.02    |

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101917\  
Data File : BE094441.D  
Acq On : 19 Oct 2017 11:01  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDCCC0.4

Quant Time: Oct 20 13:02:23 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 16 14:54:40 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           | AvgRF          | CCRF          | %Dev Area | % Dev(min) |
|--------------------|----------------|---------------|-----------|------------|
| -----              |                |               |           |            |
| (#) = Out of Range | SPCC's out = 0 | CCC's out = 0 |           |            |