

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE091517\  
 Data File : BE094018.D  
 Acq On : 15 Sep 2017 16:59  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 18 14:42:54 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 05 13:34:56 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   | 120   | 0.00     |
| 2       | 1,4-Dioxane                | 0.551 | 0.628 | -14.0 | 139   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.646 | 0.643 | 0.5   | 120   | 0.00     |
| 4 S     | 2-Fluorophenol             | 1.294 | 1.248 | 3.6   | 118   | -0.01    |
| 5 S     | Phenol-d6                  | 1.941 | 1.833 | 5.6   | 117   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.587 | 1.581 | 0.4   | 121   | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 119   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.338 | 0.330 | 2.4   | 117   | 0.00     |
| 9       | Naphthalene                | 4.585 | 4.604 | -0.4  | 118   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.167 | 0.160 | 4.2   | 114   | -0.02    |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.640 | 0.647 | -1.1  | 118   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.762 | 0.763 | -0.1  | 117   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 116   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.124 | 0.107 | 13.7  | 97    | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.582 | 1.621 | -2.5  | 116   | 0.00     |
| 16      | Acenaphthylene             | 1.997 | 1.940 | 2.9   | 116   | 0.00     |
| 17      | Acenaphthene               | 1.349 | 1.358 | -0.7  | 115   | 0.00     |
| 18      | Fluorene                   | 1.741 | 1.721 | 1.1   | 116   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.219 | 0.229 | -4.6  | 101   | 0.00     |
| 21      | Hexachlorobenzene          | 0.236 | 0.190 | 19.5  | 85    | 0.00     |
| 22      | Pentachlorophenol          | 0.063 | 0.057 | 9.5   | 101   | 0.00     |
| 23      | Phenanthrene               | 1.293 | 1.247 | 3.6   | 97    | 0.00     |
| 24      | Anthracene                 | 1.218 | 1.217 | 0.1   | 111   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.960 | 5.479 | 8.1   | 107   | 0.00     |
| 26      | Fluoranthene               | 1.783 | 1.638 | 8.1   | 108   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 104   | -0.01    |
| 28      | Pyrene                     | 1.376 | 1.412 | -2.6  | 107   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.736 | 0.740 | -0.5  | 104   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.229 | 1.102 | 10.3  | 92    | 0.00     |
| 31      | Chrysene                   | 1.300 | 1.351 | -3.9  | 109   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.983 | 2.365 | 20.7  | 86    | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 0.867 | 0.647 | 25.4# | 79    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.274 | 1.223 | 4.0   | 84    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.561 | 1.767 | -13.2 | 100   | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.297 | 1.301 | -0.3  | 89    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 0.860 | 0.718 | 16.5  | 73    | 0.00     |
| 39      | Benzo(g,h,i)perylene       | 0.907 | 0.813 | 10.4  | 79    | 0.00     |

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE091517\  
Data File : BE094018.D  
Acq On : 15 Sep 2017 16:59  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDCCC0.4

Quant Time: Sep 18 14:42:54 2017  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 05 13:34:56 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 |      |           |            |