

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\  
 Data File : BE097574.D  
 Acq On : 20 Sep 2018 13:06  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Sep 21 06:27:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 20 10:54:43 2018  
 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    | 0.00     |
| 2       | 1,4-Dioxane                | 0.707 | 0.725 | -2.5  | 88    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.624 | 0.517 | 17.1  | 89    | 0.01     |
| 4 S     | 2-Fluorophenol             | 1.199 | 1.103 | 8.0   | 87    | 0.00     |
| 5 S     | Phenol-d6                  | 1.532 | 1.536 | -0.3  | 94    | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.421 | 1.341 | 5.6   | 90    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.309 | 0.259 | 16.2  | 90    | 0.00     |
| 9       | Naphthalene                | 3.602 | 3.614 | -0.3  | 103   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.166 | 0.162 | 2.4   | 98    | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.551 | 0.593 | -7.6  | 112   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.562 | 0.595 | -5.9  | 111   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 125   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.166 | 0.156 | 6.0   | 149   | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.413 | 1.279 | 9.5   | 122   | 0.01     |
| 16      | Acenaphthylene             | 1.581 | 1.562 | 1.2   | 139   | 0.00     |
| 17      | Acenaphthene               | 1.060 | 1.044 | 1.5   | 132   | 0.00     |
| 18      | Fluorene                   | 1.382 | 1.433 | -3.7  | 143   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 137   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.180 | 0.180 | 0.0   | 149   | 0.00     |
| 21      | Hexachlorobenzene          | 0.198 | 0.204 | -3.0  | 150   | 0.00     |
| 22      | Pentachlorophenol          | 0.069 | 0.044 | 36.2# | 108   | 0.01     |
| 23      | Phenanthrene               | 0.950 | 0.904 | 4.8   | 143   | 0.00     |
| 24      | Anthracene                 | 0.839 | 0.758 | 9.7   | 139   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 5.121 | 4.118 | 19.6  | 120   | 0.00     |
| 26      | Fluoranthene               | 1.318 | 1.072 | 18.7  | 121   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 96    | 0.00     |
| 28      | Pyrene                     | 0.910 | 1.012 | -11.2 | 117   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.732 | 0.751 | -2.6  | 108   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.007 | 0.897 | 10.9  | 96    | 0.00     |
| 31      | Chrysene                   | 1.080 | 1.104 | -2.2  | 103   | 0.00     |
| 32      | Bis(2-ethylhexyl)phthalate | 2.006 | 1.162 | 42.1# | 76    | 0.00     |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.301 | 1.208 | 7.1   | 93    | 0.00     |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 35      | Benzo(b)fluoranthene       | 1.026 | 0.982 | 4.3   | 94    | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.171 | 1.142 | 2.5   | 96    | 0.00     |
| 37 C    | Benzo(a)pyrene             | 1.053 | 0.956 | 9.2   | 92    | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.075 | 1.043 | 3.0   | 93    | 0.00     |
| 39      | Benzo(a,h,i)perylene       | 1.046 | 1.016 | 2.9   | 93    | 0.01     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\  
Data File : BE097574.D  
Acq On : 20 Sep 2018 13:06  
Operator : SJ/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDCCC0.4

Quant Time: Sep 21 06:27:12 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 20 10:54:43 2018  
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 |            |