

Data Path : S:\HPCHEM1\BNA\_E\Data\BE050517\  
 Data File : BE092957.D  
 Acq On : 6 May 2017 8:12  
 Operator : SJ/MA  
 Sample : SSTDC00.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDC00.4

Quant Time: May 08 04:29:46 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE050517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 05 14:05:07 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     | 90    | 0.00     |
| 2       | 1,4-Dioxane                | 0.766 | 0.726 | 5.2     | 89    | 0.00     |
| 3       | n-Nitrosodimethylamine     | 0.594 | 0.701 | -18.0   | 115   | 0.00     |
| 4 S     | 2-Fluorophenol             | 0.893 | 1.280 | -43.3#  | 142   | 0.01     |
| 5 S     | Phenol-d6                  | 1.257 | 1.946 | -54.8#  | 154#  | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.471 | 1.554 | -5.6    | 99    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0     | 104   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.269 | 0.364 | -35.3#  | 155#  | 0.00     |
| 9       | Naphthalene                | 1.069 | 1.004 | 6.1     | 104   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.146 | 0.134 | 8.2     | 100   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.593 | 0.580 | 2.2     | 109   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.654 | 0.647 | 1.1     | 110   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0     | 118   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.063 | 0.126 | -100.0# | 277#  | 0.01     |
| 15 S    | 2-Fluorobiphenyl           | 1.839 | 1.595 | 13.3    | 107   | 0.00     |
| 16      | Acenaphthylene             | 6.323 | 7.240 | -14.5   | 153#  | 0.00     |
| 17      | Acenaphthene               | 1.263 | 1.262 | 0.1     | 127   | 0.00     |
| 18      | Fluorene                   | 1.560 | 1.555 | 0.3     | 125   | 0.01     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0     | 111   | 0.00     |
| 20      | Hexachlorobenzene          | 0.171 | 0.174 | -1.8    | 122   | 0.00     |
| 21      | Pentachlorophenol          | 0.033 | 0.072 | -118.2# | 293#  | 0.02     |
| 22      | Phenanthrene               | 1.126 | 1.161 | -3.1    | 119   | 0.00     |
| 23      | Anthracene                 | 0.858 | 1.077 | -25.5#  | 146   | 0.00     |
| 24 SURR | Fluoranthene-d10           | 0.927 | 1.155 | -24.6   | 146   | 0.00     |
| 25      | Fluoranthene               | 4.864 | 5.798 | -19.2   | 139   | 0.00     |
| 26 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0     | 140   | 0.00     |
| 27      | Pyrene                     | 5.159 | 5.105 | 1.0     | 143   | 0.00     |
| 28 S    | Terphenyl-d14              | 0.699 | 0.588 | 15.9    | 122   | 0.00     |
| 29      | Benzo(a)anthracene         | 0.940 | 1.091 | -16.1   | 178#  | 0.02     |
| 30      | Chrysene                   | 1.194 | 1.086 | 9.0     | 132   | 0.02     |
| 31      | Bis(2-ethylhexyl)phthalate | 0.257 | 0.976 | -279.8# | 546#  | 0.00     |
| 32      | Indeno(1,2,3-cd)pyrene     | 4.310 | 4.340 | -0.7    | 148   | 0.02     |
| 33 I    | Perylene-d12               | 1.000 | 1.000 | 0.0     | 136   | 0.01     |
| 34      | Benzo(b)fluoranthene       | 1.309 | 1.261 | 3.7     | 158#  | 0.01     |
| 35      | Benzo(k)fluoranthene       | 1.307 | 1.104 | 15.5    | 129   | 0.01     |
| 36 C    | Benzo(a)pyrene             | 1.069 | 1.108 | -3.6    | 172#  | 0.00     |
| 37      | Dibenzo(a,h)anthracene     | 1.205 | 1.055 | 12.4    | 144   | 0.00     |
| 38      | Benzo(g,h,i)perylene       | 5.114 | 4.436 | 13.3    | 141   | 0.02     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0