

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE010215\  
 Data File : BE089309.D  
 Acq On : 2 Jan 2015 17:34  
 Operator : TP/IZ  
 Sample : SST0.456  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SST0.456

Quant Time: Jan 02 23:02:32 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM01.2-EPA-SIM-BE123014.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 02 22:03:42 2015  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

|         | Compound                | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|---------|-------------------------|-------|-------|--------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4  | 1.000 | 1.000 | 0.0    | 159#  | 0.00     |
| 2 SURR  | 1,4-Dioxane-d8          | 0.601 | 0.634 | -5.5   | 156#  | 0.03     |
| 3       | 1,4-Dioxane             | 0.670 | 0.694 | -3.6   | 157#  | 0.03     |
| 4 I     | Naphthalene-d8          | 1.000 | 1.000 | 0.0    | 162#  | 0.00     |
| 5       | Naphthalene             | 0.950 | 1.017 | -7.1   | 160#  | 0.00     |
| 6 SURR  | 2-Methylnaphthalene-d10 | 0.459 | 0.503 | -9.6   | 163#  | 0.00     |
| 7       | 2-Methylnaphthalene     | 0.580 | 0.642 | -10.7  | 164#  | 0.00     |
| 8 I     | Acenaphthene-d10        | 1.000 | 1.000 | 0.0    | 167#  | 0.00     |
| 9       | Acenaphthylene          | 6.314 | 7.307 | -15.7  | 178#  | 0.00     |
| 10 C    | Acenaphthene            | 4.328 | 4.575 | -5.7   | 167#  | 0.00     |
| 11      | Fluorene                | 1.146 | 1.200 | -4.7   | 162#  | 0.00     |
| 12 I    | Phenanthrene-d10        | 1.000 | 1.000 | 0.0    | 161#  | -0.01    |
| 13      | Pentachlorophenol       | 0.041 | 0.058 | -41.5# | 197#  | 0.00     |
| 14      | Phenanthrene            | 4.281 | 4.631 | -8.2   | 162#  | -0.01    |
| 15      | Anthracene              | 3.824 | 4.246 | -11.0  | 167#  | 0.00     |
| 16 SURR | Fluoranthene-d10        | 0.693 | 0.709 | -2.3   | 153#  | 0.00     |
| 17 C    | Fluoranthene            | 3.812 | 4.033 | -5.8   | 157#  | 0.00     |
| 18 I    | Chrysene-d12            | 1.000 | 1.000 | 0.0    | 139   | 0.00     |
| 19      | Pyrene                  | 5.160 | 6.118 | -18.6  | 153#  | 0.00     |
| 20      | Benzo(a)anthracene      | 0.902 | 1.002 | -11.1  | 143   | 0.00     |
| 21      | Chrysene                | 1.093 | 1.167 | -6.8   | 137   | 0.00     |
| 22 I    | Perylene-d12            | 1.000 | 1.000 | 0.0    | 133   | 0.00     |
| 23      | Benzo(b)fluoranthene    | 1.026 | 0.968 | 5.7    | 114   | 0.00     |
| 24      | Benzo(k)fluoranthene    | 1.319 | 1.435 | -8.8   | 135   | 0.00     |
| 25 C    | Benzo(a)pyrene          | 1.026 | 1.064 | -3.7   | 125   | 0.00     |
| 26      | Indeno(1,2,3-cd)pyrene  | 2.822 | 2.557 | 9.4    | 110   | 0.00     |
| 27      | Dibenzo(a,h)anthracene  | 0.832 | 0.761 | 8.5    | 114   | 0.00     |
| 28      | Benzo(g,h,i)perylene    | 4.060 | 3.832 | 5.6    | 118   | 0.00     |

(#) = Out of Range

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