

Data Path : Z:\HPCHEM1\BNA E\DATA\BE093015\  
 Data File : BE090979.D  
 Acq On : 30 Sep 2015 15:17  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC001

Quant Time: Oct 01 03:19:33 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 30 16:01:03 2015  
 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                   | Amount | Calc. | %Dev    | Area% | Dev(min) |
|------|----------------------------|--------|-------|---------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4     | 5.000  | 5.000 | 0.0     | 78    | -0.01    |
| 2    | 1,4-Dioxane                | 1.000  | 3.386 | -238.6# | 227   | -0.01    |
| 3    | n-Nitrosodimethylamine     | 1.000  | 1.111 | -11.1   | 87    | -0.01    |
| 4 S  | 2-Fluorophenol             | 1.000  | 0.979 | 2.1     | 78    | -0.01    |
| 5 S  | Phenol-d6                  | 1.000  | 0.916 | 8.4     | 79    | -0.03    |
| 6    | bis(2-Chloroethyl)ether    | 1.000  | 1.057 | -5.7    | 73    | -0.05    |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0     | 76    | -0.02    |
| 8 S  | Nitrobenzene-d5            | 1.000  | 0.955 | 4.5     | 79    | -0.01    |
| 9    | Nitrobenzene               | 1.000  | 1.010 | -1.0    | 85    | -0.01    |
| 10   | Naphthalene                | 1.000  | 0.990 | 1.0     | 75    | -0.02    |
| 11   | Hexachlorobutadiene        | 1.000  | 0.969 | 3.1     | 71    | -0.02    |
| 12   | 2-Methylnaphthalene        | 1.000  | 0.947 | 5.3     | 77    | -0.03    |
| 13 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0     | 77    | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 1.000  | 0.994 | 0.6     | 95    | -0.02    |
| 15 S | 2-Fluorobiphenyl           | 1.000  | 0.908 | 9.2     | 75    | -0.01    |
| 16   | Acenaphthylene             | 1.000  | 0.904 | 9.6     | 76    | 0.00     |
| 17   | Acenaphthene               | 1.000  | 0.949 | 5.1     | 78    | 0.00     |
| 18   | Fluorene                   | 1.000  | 1.009 | -0.9    | 84    | 0.00     |
| 19 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0     | 87    | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 1.000  | 0.903 | 9.7     | 86    | -0.02    |
| 21   | Hexachlorobenzene          | 1.000  | 0.925 | 7.5     | 81    | 0.00     |
| 22   | Pentachlorophenol          | 1.000  | 0.989 | 1.1     | 105   | 0.00     |
| 23   | Phenanthrene               | 1.000  | 0.957 | 4.3     | 87    | -0.02    |
| 24   | Anthracene                 | 1.000  | 0.891 | 10.9    | 84    | -0.02    |
| 25   | Fluoranthene               | 1.000  | 0.935 | 6.5     | 89    | 0.00     |
| 26 I | Chrysene-d12               | 5.000  | 5.000 | 0.0     | 92    | 0.00     |
| 27   | Benzydine                  | 1.000  | 1.042 | -4.2    | 94    | 0.00     |
| 28   | Pvrene                     | 1.000  | 0.893 | 10.7    | 89    | 0.00     |
| 29 S | Terphenyl-d14              | 1.000  | 0.893 | 10.7    | 89    | -0.02    |
| 30   | Benzo(a)anthracene         | 1.000  | 0.888 | 11.2    | 85    | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 1.000  | 0.022 | 97.8#   | 0     | -20.97#  |
| 32   | Chrysene                   | 1.000  | 0.968 | 3.2     | 91    | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 1.000  | 0.838 | 16.2    | 92    | 0.00     |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.000  | 0.905 | 9.5     | 89    | 0.00     |
| 35 I | Perylene-d12               | 5.000  | 5.000 | 0.0     | 90    | 0.00     |
| 36   | Benzo(b)fluoranthene       | 1.000  | 0.905 | 9.5     | 90    | 0.00     |
| 37   | Benzo(k)fluoranthene       | 1.000  | 0.875 | 12.5    | 83    | 0.00     |
| 38 C | Benzo(a)pyrene             | 1.000  | 0.880 | 12.0    | 91    | 0.00     |
| 39   | Dibenzo(a,h)anthracene     | 1.000  | 0.866 | 13.4    | 92    | 0.00     |
| 40   | Benzo(a,h,i)perylene       | 1.000  | 0.896 | 10.4    | 92    | 0.00     |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE093015\  
Data File : BE090979.D  
Acq On : 30 Sep 2015 15:17  
Operator : UM/IZ  
Sample : SSTDCCC001  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_E  
LabSampleId :  
SSTDCCC001

Quant Time: Oct 01 03:19:33 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 30 16:01:03 2015  
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 | Amount | Calc. | %Dev Area | % Dev(min) |
|----------|--------|-------|-----------|------------|
|----------|--------|-------|-----------|------------|

(#) = Out of Range

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