

Data Path : Z:\HPCHEM1\BNA M\Data\BM101615\  
 Data File : BM002930.D  
 Acq On : 16 Oct 2015 11:45  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC001

Quant Time: Oct 16 22:58:49 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 15 16:21:18 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   | 96    | 0.00     |
| 2    | 1,4-Dioxane                | 1.000  | 0.943 | 5.7   | 93    | 0.00     |
| 3    | n-Nitrosodimethylamine     | 1.000  | 1.033 | -3.3  | 96    | -0.03    |
| 4 S  | 2-Fluorophenol             | 1.000  | 0.984 | 1.6   | 96    | -0.01    |
| 5 S  | Phenol-d6                  | 1.000  | 1.036 | -3.6  | 98    | -0.02    |
| 6    | bis(2-Chloroethyl)ether    | 1.000  | 1.010 | -1.0  | 95    | -0.02    |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0   | 96    | -0.01    |
| 8 S  | Nitrobenzene-d5            | 1.000  | 0.977 | 2.3   | 94    | -0.03    |
| 9    | Nitrobenzene               | 1.000  | 0.981 | 1.9   | 94    | -0.02    |
| 10   | Naphthalene                | 1.000  | 0.976 | 2.4   | 96    | -0.01    |
| 11   | Hexachlorobutadiene        | 1.000  | 0.977 | 2.3   | 96    | -0.01    |
| 12   | 2-Methylnaphthalene        | 1.000  | 0.979 | 2.1   | 96    | 0.00     |
| 13 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0   | 96    | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 1.000  | 0.908 | 9.2   | 94    | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 1.000  | 0.980 | 2.0   | 96    | -0.01    |
| 16   | Acenaphthylene             | 1.000  | 0.984 | 1.6   | 96    | 0.00     |
| 17   | Acenaphthene               | 1.000  | 0.957 | 4.3   | 96    | 0.00     |
| 18   | Fluorene                   | 1.000  | 0.995 | 0.5   | 97    | 0.00     |
| 19 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0   | 105   | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 1.000  | 0.968 | 3.2   | 104   | 0.00     |
| 21   | Hexachlorobenzene          | 1.000  | 0.994 | 0.6   | 85    | 0.00     |
| 22   | Pentachlorophenol          | 1.000  | 1.210 | -21.0 | 136   | -0.03    |
| 23   | Phenanthrene               | 1.000  | 0.879 | 12.1  | 93    | 0.02     |
| 24   | Anthracene                 | 1.000  | 0.873 | 12.7  | 91    | 0.00     |
| 25   | Fluoranthene               | 1.000  | 0.911 | 8.9   | 98    | 0.00     |
| 26 I | Chrysene-d12               | 5.000  | 5.000 | 0.0   | 92    | 0.00     |
| 27   | Benzydine                  | 1.000  | 0.892 | 10.8  | 94    | 0.00     |
| 28   | Pvrene                     | 1.000  | 1.046 | -4.6  | 97    | 0.00     |
| 29 S | Terphenyl-d14              | 1.000  | 1.027 | -2.7  | 96    | 0.00     |
| 30   | Benzo(a)anthracene         | 1.000  | 0.986 | 1.4   | 88    | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 1.000  | 0.958 | 4.2   | 93    | 0.00     |
| 32   | Chrysene                   | 1.000  | 0.960 | 4.0   | 96    | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 1.000  | 1.056 | -5.6  | 95    | 0.00     |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.000  | 0.836 | 16.4  | 83    | 0.00     |
| 35 I | Perylene-d12               | 5.000  | 5.000 | 0.0   | 89    | 0.00     |
| 36   | Benzo(b)fluoranthene       | 1.000  | 1.033 | -3.3  | 91    | -0.02    |
| 37   | Benzo(k)fluoranthene       | 1.000  | 0.990 | 1.0   | 91    | -0.02    |
| 38 C | Benzo(a)pyrene             | 1.000  | 0.997 | 0.3   | 91    | -0.02    |
| 39   | Dibenzo(a,h)anthracene     | 1.000  | 0.908 | 9.2   | 84    | -0.02    |
| 40   | Benzo(a,h,i)perylene       | 1.000  | 0.888 | 11.2  | 82    | -0.02    |

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| Compound                     | Amount | Calc. | %Dev Area | % Dev(min) |
|------------------------------|--------|-------|-----------|------------|
| -----                        |        |       |           |            |
| (# ) = Out of Range          |        |       |           |            |
| SPCC's out = 0 CCC's out = 0 |        |       |           |            |