

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112715\  
 Data File : BM003309.D  
 Acq On : 27 Nov 2015 17:21  
 Operator : UM/IZ  
 Sample : SSTDICV001  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ICBM112715

Quant Time: Nov 27 18:23:20 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 27 16:36:40 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   | 119   | 0.00     |
| 2    | 1,4-Dioxane                | 1.000  | 0.952 | 4.8   | 110   | -0.02    |
| 3    | n-Nitrosodimethylamine     | 1.000  | 0.984 | 1.6   | 117   | 0.00     |
| 4 S  | 2-Fluorophenol             | 1.000  | 0.978 | 2.2   | 120   | 0.00     |
| 5 S  | Phenol-d6                  | 1.000  | 1.009 | -0.9  | 124   | 0.00     |
| 6    | bis(2-Chloroethyl)ether    | 1.000  | 0.990 | 1.0   | 121   | 0.00     |
| 7 I  | Naphthalene-d8             | 5.000  | 5.000 | 0.0   | 124   | 0.00     |
| 8 S  | Nitrobenzene-d5            | 1.000  | 0.983 | 1.7   | 128   | 0.00     |
| 9    | Nitrobenzene               | 1.000  | 0.984 | 1.6   | 130   | 0.00     |
| 10   | Naphthalene                | 1.000  | 0.995 | 0.5   | 125   | 0.01     |
| 11   | Hexachlorobutadiene        | 1.000  | 1.011 | -1.1  | 129   | 0.00     |
| 12   | 2-Methylnaphthalene        | 1.000  | 1.037 | -3.7  | 130   | 0.00     |
| 13 I | Acenaphthene-d10           | 5.000  | 5.000 | 0.0   | 133   | 0.00     |
| 14 S | 2,4,6-Tribromophenol       | 1.000  | 0.900 | 10.0  | 122   | 0.00     |
| 15 S | 2-Fluorobiphenyl           | 1.000  | 0.926 | 7.4   | 133   | 0.00     |
| 16   | Acenaphthylene             | 1.000  | 0.981 | 1.9   | 136   | 0.00     |
| 17   | Acenaphthene               | 1.000  | 0.849 | 15.1  | 131   | 0.00     |
| 18   | Fluorene                   | 1.000  | 0.945 | 5.5   | 131   | 0.00     |
| 19 I | Phenanthrene-d10           | 5.000  | 5.000 | 0.0   | 119   | 0.00     |
| 20   | 4-Bromophenyl-phenylether  | 1.000  | 0.891 | 10.9  | 127   | -0.03    |
| 21   | Hexachlorobenzene          | 1.000  | 0.998 | 0.2   | 130   | 0.00     |
| 22   | Pentachlorophenol          | 1.000  | 0.808 | 19.2  | 110   | 0.00     |
| 23   | Phenanthrene               | 1.000  | 0.880 | 12.0  | 119   | 0.00     |
| 24   | Anthracene                 | 1.000  | 1.002 | -0.2  | 120   | 0.00     |
| 25   | Fluoranthene               | 1.000  | 0.799 | 20.1  | 107   | 0.00     |
| 26 I | Chrysene-d12               | 5.000  | 5.000 | 0.0   | 84    | 0.00     |
| 27   | Benzydine                  | 1.000  | 1.203 | -20.3 | 123   | 0.00     |
| 28   | Pvrene                     | 1.000  | 1.075 | -7.5  | 107   | 0.00     |
| 29 S | Terphenyl-d14              | 1.000  | 1.114 | -11.4 | 102   | 0.00     |
| 30   | Benzo(a)anthracene         | 1.000  | 1.035 | -3.5  | 97    | 0.00     |
| 31   | 3,3'-Dichlorobenzidine     | 1.000  | 0.945 | 5.5   | 100   | 0.02     |
| 32   | Chrysene                   | 1.000  | 1.019 | -1.9  | 95    | 0.00     |
| 33   | Bis(2-ethylhexyl)phthalate | 1.000  | 1.147 | -14.7 | 120   | 0.00     |
| 34   | Indeno(1,2,3-cd)pyrene     | 1.000  | 1.046 | -4.6  | 101   | 0.01     |
| 35 I | Perylene-d12               | 5.000  | 5.000 | 0.0   | 92    | 0.01     |
| 36   | Benzo(b)fluoranthene       | 1.000  | 0.972 | 2.8   | 88    | 0.01     |
| 37   | Benzo(k)fluoranthene       | 1.000  | 1.044 | -4.4  | 101   | 0.00     |
| 38 C | Benzo(a)pyrene             | 1.000  | 0.995 | 0.5   | 96    | 0.01     |
| 39   | Dibenzo(a,h)anthracene     | 1.000  | 1.126 | -12.6 | 105   | 0.01     |
| 40   | Benzo(a,h,i)perylene       | 1.000  | 1.020 | -2.0  | 97    | 0.01     |

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| Compound | Amount | Calc. | %Dev Area | % Dev(min) |
|----------|--------|-------|-----------|------------|
|----------|--------|-------|-----------|------------|

(#) = Out of Range

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