

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081016\  
 Data File : BM007009.D  
 Acq On : 10 Aug 2016 20:35  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02043

Quant Time: Aug 10 22:09:28 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080916.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 10 01:30:54 2016  
 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  | 85    | 0.00     |
| 2 S  | 1,4-Dioxane-d8              | 0.439 | 0.408 | 7.1  | 77    | 0.00     |
| 3 S  | Phenol-d5                   | 1.780 | 1.728 | 2.9  | 81    | 0.00     |
| 4 S  | Bis-(2-Chloroethyl)ether-d8 | 0.995 | 0.983 | 1.2  | 80    | 0.00     |
| 5 S  | 2-Chlorophenol-d4           | 1.350 | 1.342 | 0.6  | 83    | 0.00     |
| 6 S  | 4-Methylphenol-d8           | 1.507 | 1.442 | 4.3  | 80    | 0.00     |
| 7 I  | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 83    | 0.00     |
| 8 S  | Nitrobenzene-d5             | 0.153 | 0.147 | 3.9  | 78    | 0.00     |
| 9 S  | 2-Nitrophenol-d4            | 0.175 | 0.162 | 7.4  | 75    | 0.00     |
| 10 S | 2,4-Dichlorophenol-d3       | 0.342 | 0.344 | -0.6 | 82    | 0.00     |
| 11   | Naphthalene                 | 1.003 | 1.024 | -2.1 | 83    | 0.00     |
| 12 S | 4-Chloroaniline-d4          | 0.399 | 0.418 | -4.8 | 79    | 0.00     |
| 13   | 2-Methylnaphthalene         | 0.794 | 0.800 | -0.8 | 81    | 0.00     |
| 14   | 1-Methylnaphthalene         | 0.762 | 0.758 | 0.5  | 80    | 0.00     |
| 15 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 78    | 0.00     |
| 16 S | Dimethylphthalate-d6        | 1.709 | 1.685 | 1.4  | 75    | 0.00     |
| 17 S | Acenaphthylene-d8           | 2.002 | 2.097 | -4.7 | 79    | 0.00     |
| 18   | Acenaphthylene              | 2.069 | 2.173 | -5.0 | 79    | 0.00     |
| 19 C | Acenaphthene                | 1.338 | 1.387 | -3.7 | 78    | 0.00     |
| 20 S | 4-Nitrophenol-d4            | 0.307 | 0.285 | 7.2  | 71    | 0.00     |
| 21 S | Fluorene-d10                | 1.453 | 1.481 | -1.9 | 77    | 0.00     |
| 22   | Fluorene                    | 1.588 | 1.641 | -3.3 | 77    | 0.00     |
| 23 I | Phenanthrene-d10            | 1.000 | 1.000 | 0.0  | 76    | 0.00     |
| 24 S | 4,6-Dinitro-2-methylphenol- | 0.108 | 0.094 | 13.0 | 68    | 0.00     |
| 25   | Phenanthrene                | 1.072 | 1.117 | -4.2 | 76    | 0.00     |
| 26 S | Anthracene-d10              | 0.932 | 0.973 | -4.4 | 76    | 0.00     |
| 27   | Anthracene                  | 1.107 | 1.153 | -4.2 | 76    | 0.00     |
| 28 C | Fluoranthene                | 1.350 | 1.408 | -4.3 | 77    | 0.00     |
| 29 I | Chrysene-d12                | 1.000 | 1.000 | 0.0  | 77    | 0.00     |
| 30 S | Pyrene-d10                  | 0.909 | 0.942 | -3.6 | 76    | 0.00     |
| 31   | Pyrene                      | 1.160 | 1.212 | -4.5 | 77    | 0.00     |
| 32   | Benzo(a)anthracene          | 1.178 | 1.227 | -4.2 | 78    | 0.00     |
| 33   | Chrysene                    | 1.069 | 1.112 | -4.0 | 77    | 0.00     |
| 34 I | Perylene-d12                | 1.000 | 1.000 | 0.0  | 75    | 0.00     |
| 35   | Benzo(b)fluoranthene        | 1.242 | 1.275 | -2.7 | 75    | 0.00     |
| 36   | Benzo(k)fluoranthene        | 1.174 | 1.272 | -8.3 | 78    | 0.00     |
| 37 S | Benzo(a)pyrene-d12          | 0.919 | 0.956 | -4.0 | 76    | 0.00     |
| 38 C | Benzo(a)pyrene              | 1.143 | 1.178 | -3.1 | 75    | 0.00     |
| 39   | Indeno(1,2,3-cd)pyrene      | 1.133 | 1.206 | -6.4 | 79    | 0.00     |
| 40   | Dibenzo(a,h)anthracene      | 0.938 | 1.021 | -8.8 | 81    | -0.01    |
| 41   | Benzo(g,h,i)perylene        | 0.932 | 0.989 | -6.1 | 80    | 0.00     |

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| Compound | AvgRF | CCRF | %Dev Area | % Dev(min) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

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