

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM072016\  
 Data File : BM006561.D  
 Acq On : 20 Jul 2016 19:09  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTD02054

Quant Time: Jul 21 01:01:58 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 20 18:59:53 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    | 104   | 0.00     |
| 2 S  | 1,4-Dioxane-d8              | 0.495 | 0.506 | -2.2   | 106   | 0.00     |
| 3 S  | Phenol-d5                   | 1.702 | 1.721 | -1.1   | 105   | 0.00     |
| 4 S  | Bis-(2-Chloroethyl)ether-d8 | 1.054 | 1.090 | -3.4   | 105   | 0.00     |
| 5 S  | 2-Chlorophenol-d4           | 1.360 | 1.363 | -0.2   | 105   | 0.00     |
| 6 S  | 4-Methylphenol-d8           | 1.320 | 1.350 | -2.3   | 105   | 0.00     |
| 7 I  | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 105   | 0.00     |
| 8 S  | Nitrobenzene-d5             | 0.151 | 0.152 | -0.7   | 107   | 0.00     |
| 9 S  | 2-Nitrophenol-d4            | 0.161 | 0.164 | -1.9   | 107   | 0.00     |
| 10 S | 2,4-Dichlorophenol-d3       | 0.304 | 0.306 | -0.7   | 105   | 0.00     |
| 11   | Naphthalene                 | 1.031 | 1.021 | 1.0    | 105   | 0.00     |
| 12 S | 4-Chloroaniline-d4          | 0.335 | 0.409 | -22.1# | 104   | 0.00     |
| 13   | 2-Methylnaphthalene         | 0.757 | 0.741 | 2.1    | 102   | 0.00     |
| 14   | 1-Methylnaphthalene         | 0.722 | 0.710 | 1.7    | 103   | 0.00     |
| 15 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 101   | 0.00     |
| 16 S | Dimethylphthalate-d6        | 1.568 | 1.583 | -1.0   | 102   | 0.00     |
| 17 S | Acenaphthylene-d8           | 2.002 | 2.049 | -2.3   | 103   | 0.00     |
| 18   | Acenaphthylene              | 2.144 | 2.161 | -0.8   | 101   | 0.00     |
| 19 C | Acenaphthene                | 1.378 | 1.385 | -0.5   | 101   | 0.00     |
| 20 S | 4-Nitrophenol-d4            | 0.272 | 0.285 | -4.8   | 107   | 0.00     |
| 21 S | Fluorene-d10                | 1.402 | 1.413 | -0.8   | 102   | 0.00     |
| 22   | Fluorene                    | 1.552 | 1.600 | -3.1   | 101   | 0.00     |
| 23 I | Phenanthrene-d10            | 1.000 | 1.000 | 0.0    | 101   | 0.00     |
| 24 S | 4,6-Dinitro-2-methylphenol- | 0.104 | 0.101 | 2.9    | 98    | 0.00     |
| 25   | Phenanthrene                | 1.125 | 1.142 | -1.5   | 101   | 0.00     |
| 26 S | Anthracene-d10              | 0.950 | 0.966 | -1.7   | 100   | 0.00     |
| 27   | Anthracene                  | 1.158 | 1.197 | -3.4   | 103   | 0.00     |
| 28 C | Fluoranthene                | 1.321 | 1.376 | -4.2   | 102   | 0.00     |
| 29 I | Chrysene-d12                | 1.000 | 1.000 | 0.0    | 102   | 0.00     |
| 30 S | Pyrene-d10                  | 0.911 | 0.910 | 0.1    | 102   | 0.00     |
| 31   | Pyrene                      | 1.211 | 1.214 | -0.2   | 101   | 0.00     |
| 32   | Benzo(a)anthracene          | 1.212 | 1.216 | -0.3   | 100   | 0.00     |
| 33   | Chrysene                    | 1.118 | 1.129 | -1.0   | 101   | 0.00     |
| 34 I | Perylene-d12                | 1.000 | 1.000 | 0.0    | 100   | 0.00     |
| 35   | Benzo(b)fluoranthene        | 1.199 | 1.214 | -1.3   | 101   | 0.00     |
| 36   | Benzo(k)fluoranthene        | 1.159 | 1.185 | -2.2   | 100   | 0.00     |
| 37 S | Benzo(a)pyrene-d12          | 0.920 | 0.938 | -2.0   | 101   | 0.00     |
| 38 C | Benzo(a)pyrene              | 1.167 | 1.191 | -2.1   | 100   | 0.00     |
| 39   | Indeno(1,2,3-cd)pyrene      | 1.351 | 1.386 | -2.6   | 101   | 0.00     |
| 40   | Dibenzo(a,h)anthracene      | 1.120 | 1.159 | -3.5   | 101   | 0.00     |
| 41   | Benzo(g,h,i)perylene        | 1.158 | 1.182 | -2.1   | 101   | 0.00     |

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

(#) = Out of Range

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