

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062916\  
 Data File : BM006129.D  
 Acq On : 29 Jun 2016 16:51  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 29 17:21:55 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM062816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 29 00:57:09 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 219394   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.43 | 136  | 1010748  | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.30 | 164  | 619682   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.05 | 188  | 1463201  | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.25 | 240  | 1725636  | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.46 | 264  | 1920496  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.16  | 96  | 29111   | 6.16  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.82  | 99  | 290309  | 16.20 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 175699  | 16.63 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.18  | 132 | 217243  | 15.79 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.36  | 113 | 231805  | 16.07 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.80  | 128 | 107547  | 15.80 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.52  | 143 | 118973  | 15.27 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 227939  | 16.03 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 10.57 | 131 | 178820  | 15.91 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6       | 13.71 | 166 | 706701  | 15.91 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 13.99 | 160 | 877777  | 16.28 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.50 | 143 | 136358  | 16.18 | ng/ul | 0.00 |
| 21) Fluorene-d10               | 15.30 | 176 | 607343  | 16.02 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 113919  | 21.98 | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.14 | 188 | 966141  | 16.46 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.44 | 212 | 1108608 | 15.95 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.32 | 264 | 1234571 | 16.15 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |       |       | Qvalue |
|----------------------------|-------|-----|---------|-------|-------|--------|
| 11) Naphthalene            | 10.48 | 128 | 726416  | 16.42 | ng/ul | 99     |
| 13) 2-Methylnaphthalene    | 12.10 | 142 | 547695  | 16.29 | ng/ul | 98     |
| 14) 1-Methylnaphthalene    | 12.32 | 142 | 513995  | 16.08 | ng/ul | 100    |
| 18) Acenaphthylene         | 14.02 | 152 | 925743  | 16.40 | ng/ul | 99     |
| 19) Acenaphthene           | 14.36 | 153 | 588956  | 16.35 | ng/ul | 99     |
| 22) Fluorene               | 15.35 | 166 | 677402  | 16.53 | ng/ul | 100    |
| 25) Phenanthrene           | 17.09 | 178 | 1132794 | 16.36 | ng/ul | 100    |
| 27) Anthracene             | 17.18 | 178 | 1182633 | 16.62 | ng/ul | 100    |
| 28) Fluoranthene           | 19.12 | 202 | 1402470 | 16.54 | ng/ul | 99     |
| 31) Pyrene                 | 19.48 | 202 | 1465610 | 16.10 | ng/ul | 96     |
| 32) Benzo(a)anthracene     | 21.23 | 228 | 1453598 | 16.20 | ng/ul | 100    |
| 33) Chrysene               | 21.29 | 228 | 1353462 | 16.38 | ng/ul | 99     |
| 35) Benzo(b)fluoranthene   | 22.80 | 252 | 1621180 | 16.27 | ng/ul | 99     |
| 36) Benzo(k)fluoranthene   | 22.84 | 252 | 1494782 | 15.99 | ng/ul | 98     |
| 38) Benzo(a)pyrene         | 23.37 | 252 | 1523400 | 16.18 | ng/ul | 98     |
| 39) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 1681649 | 17.18 | ng/ul | 95     |
| 40) Dibenzo(a,h)anthracene | 25.69 | 278 | 1418045 | 17.51 | ng/ul | 98     |
| 41) Benzo(g,h,i)perylene   | 26.36 | 276 | 1411097 | 17.22 | ng/ul | 97     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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BNA\_M  
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