

Data Path : S:\HPCHEM1\BNA\_G\DATA\BG031016\  
 Data File : BG021407.D  
 Acq On : 10 Mar 2016 14:16  
 Operator : UM/SJ  
 Sample : H1616-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BLDG06-P003-SS001-01

Quant Time: Mar 11 11:27:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 11 00:30:31 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 12323    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.93 | 136  | 67964    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.74 | 164  | 44993    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 93453    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.75 | 240  | 123997   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 25.02 | 264  | 117749   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 809    | 3.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.30  | 99  | 26128  | 18.73 | ng/ul | 0.04 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.44  | 67  | 17395  | 19.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.66  | 132 | 18494  | 19.42 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.84  | 113 | 18306  | 16.23 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.30  | 128 | 10865  | 19.84 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 12079  | 20.08 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165 | 20498  | 18.76 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4         | 11.07 | 131 | 21385  | 14.92 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.14 | 166 | 78040  | 20.04 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.44 | 160 | 100116 | 21.10 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.99 | 143 | 6295   | 8.55  | ng/ul | 0.07 |
| 58) Fluorene-d10               | 15.72 | 176 | 69632  | 20.35 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.84 | 200 | 5762   | 9.22  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.57 | 188 | 96285  | 20.64 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 117460 | 18.57 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 24.79 | 264 | 132992 | 21.12 | ng/ul | 0.02 |

## Target Compounds

|                          |       |     |       |      |        | Qvalue |
|--------------------------|-------|-----|-------|------|--------|--------|
| 28) Naphthalene          | 10.99 | 128 | 12139 | 3.19 | ng/ul# | 97     |
| 45) Dimethylphthalate    | 14.18 | 163 | 27714 | 6.66 | ng/ul  | 99     |
| 70) Phenanthrene         | 17.52 | 178 | 12952 | 2.33 | ng/ul# | 96     |
| 72) Anthracene           | 17.52 | 178 | 12952 | 2.29 | ng/ul  | 96     |
| 77) Fluoranthene         | 19.52 | 202 | 19025 | 2.96 | ng/ul  | 98     |
| 80) Pyrene               | 19.88 | 202 | 21665 | 2.61 | ng/ul  | 100    |
| 83) Benzo(a)anthracene   | 21.72 | 228 | 14190 | 1.75 | ng/ul# | 76     |
| 85) Chrysene             | 21.79 | 228 | 16576 | 2.21 | ng/ul# | 77     |
| 88) Benzo(b)fluoranthene | 23.98 | 252 | 17420 | 2.16 | ng/ul# | 1      |
| 91) Benzo(a)pyrene       | 24.86 | 252 | 14866 | 1.88 | ng/ul# | 19     |
| 94) Benzo(g,h,i)perylene | 29.89 | 276 | 14482 | 2.02 | ng/ul# | 84     |

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

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