

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\  
 Data File : BG019039.D  
 Acq On : 5 Oct 2015 22:45  
 Operator : UM/NP  
 Sample : G3865-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E5MY1

Quant Time: Oct 06 05:25:03 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 06 04:27:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 37738    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 180812   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.67 | 164  | 123811   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.41 | 188  | 290128   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.68 | 240  | 319902   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.91 | 264  | 317439   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 1487   | 1.78  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.21  | 99  | 39013  | 12.00 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.37  | 67  | 29131  | 13.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 31726  | 13.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.75  | 113 | 27133  | 10.61 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 9.21  | 128 | 17790  | 13.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.93  | 143 | 19651  | 13.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 35979  | 12.78 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.99 | 131 | 28153  | 8.20  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.08 | 166 | 129745 | 13.29 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.37 | 160 | 155175 | 12.85 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.86 | 143 | 14512  | 7.36  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.66 | 176 | 117294 | 13.27 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.77 | 200 | 12896  | 8.19  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.51 | 188 | 178502 | 13.07 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.79 | 212 | 192135 | 12.97 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.68 | 264 | 205299 | 12.64 | ng/ul | 0.01 |

## Target Compounds

|                          |       |     |       |      |        | Ovalue |
|--------------------------|-------|-----|-------|------|--------|--------|
| 34) 2-Methylnaphthalene  | 12.50 | 142 | 11808 | 1.68 | ng/ul  | 97     |
| 35) 1-Methylnaphthalene  | 12.72 | 142 | 10070 | 1.46 | ng/ul# | 94     |
| 45) Dimethylphthalate    | 14.12 | 163 | 74933 | 7.52 | ng/ul  | 100    |
| 70) Phenanthrene         | 17.46 | 178 | 60696 | 3.71 | ng/ul  | 99     |
| 77) Fluoranthene         | 19.46 | 202 | 80335 | 4.22 | ng/ul  | 100    |
| 80) Pyrene               | 19.82 | 202 | 62643 | 3.25 | ng/ul  | 98     |
| 83) Benzo(a)anthracene   | 21.66 | 228 | 32625 | 1.77 | ng/ul  | 96     |
| 85) Chrysene             | 21.73 | 228 | 32002 | 1.84 | ng/ul# | 92     |
| 88) Benzo(b)fluoranthene | 23.88 | 252 | 40818 | 2.18 | ng/ul  | 99     |
| 91) Benzo(a)pyrene       | 24.75 | 252 | 26675 | 1.47 | ng/ul# | 93     |

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

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