

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112015\  
 Data File : BG019733.D  
 Acq On : 21 Nov 2015 00:00  
 Operator : UM/NP  
 Sample : G4428-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC7A7

Quant Time: Nov 22 04:10:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 21 01:06:32 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 15133    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.94 | 136  | 68601    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.76 | 164  | 60438    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.49 | 188  | 179501   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.76 | 240  | 234768   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.06 | 264  | 224344   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 2837   | 8.01  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.26  | 99  | 60490  | 39.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 40168  | 39.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 37682  | 37.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.82  | 113 | 49886  | 38.86 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 20233  | 35.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 24912  | 39.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 50078  | 36.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 56783  | 43.64 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 199964 | 36.58 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.45 | 160 | 194590 | 32.84 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.94 | 143 | 29244  | 33.96 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.74 | 176 | 166631 | 34.07 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.85 | 200 | 34375  | 29.65 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.59 | 188 | 311139 | 35.70 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 382489 | 35.76 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.84 | 264 | 439539 | 37.53 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 7.28  | 94  | 4216   | 2.52  | ng/ul# | 82     |
| 15) N-Nitroso-di-n-propylamine | 8.82  | 70  | 1840   | 1.28  | ng/ul# | 1      |
| 45) Dimethylphthalate          | 14.20 | 163 | 153835 | 28.38 | ng/ul  | 99     |
| 46) 2,6-Dinitrotoluene         | 14.20 | 165 | 2025   | 1.87  | ng/ul# | 52     |
| 70) Phenanthrene               | 17.54 | 178 | 18510  | 1.93  | ng/ul  | 98     |
| 72) Anthracene                 | 17.63 | 178 | 11288  | 1.17  | ng/ul  | 97     |
| 77) Fluoranthene               | 19.54 | 202 | 172111 | 14.06 | ng/ul  | 98     |
| 80) Pyrene                     | 19.90 | 202 | 148261 | 10.81 | ng/ul# | 96     |
| 83) Benzo(a)anthracene         | 21.74 | 228 | 101231 | 7.11  | ng/ul  | 98     |
| 85) Chrysene                   | 21.81 | 228 | 87259  | 6.51  | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252 | 91762  | 6.64  | ng/ul# | 96     |
| 89) Benzo(k)fluoranthene       | 24.02 | 252 | 91762  | 6.88  | ng/ul  | 96     |
| 91) Benzo(a)pyrene             | 24.90 | 252 | 74666  | 5.61  | ng/ul  | 97     |
| 92) Indeno(1,2,3-cd)pyrene     | 28.82 | 276 | 26467  | 1.78  | ng/ul  | 96     |
| 94) Benzo(g,h,i)perylene       | 30.00 | 276 | 32494  | 2.63  | ng/ul  | 99     |

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

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