

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG092215\  
 Data File : BG018836.D  
 Acq On : 23 Sep 2015 3:32  
 Operator : UM/NP  
 Sample : G3758-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHAC9

Quant Time: Sep 23 08:43:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG091015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 23 07:13:57 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 60397    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 258602   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.63 | 164  | 155587   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 352670   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.62 | 240  | 450483   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 466518   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96  | 6942   | 5.53  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.16  | 99  | 150370 | 30.32 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 107200 | 37.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.53  | 132 | 126949 | 33.80 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.70  | 113 | 122771 | 30.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.16  | 128 | 66047  | 33.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 76930  | 39.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.42 | 165 | 130272 | 31.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.93 | 131 | 218132 | 45.20 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.03 | 166 | 382678 | 30.56 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.32 | 160 | 491385 | 33.12 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.82 | 143 | 81620  | 33.97 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.62 | 176 | 336864 | 30.77 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 38892  | 23.30 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.47 | 188 | 515222 | 33.18 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.75 | 212 | 590918 | 28.51 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.59 | 264 | 662810 | 29.19 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |        |       |        | Qvalue |
|-------------------------|-------|-----|--------|-------|--------|--------|
| 24) 2,4-Dimethylphenol  | 10.02 | 107 | 14784  | 3.21  | ng/ul  | 85     |
| 34) 2-Methylnaphthalene | 12.46 | 142 | 40330  | 4.15  | ng/ul  | 95     |
| 35) 1-Methylnaphthalene | 12.68 | 142 | 56879  | 6.11  | ng/ul# | 97     |
| 41) 1,1'-Biphenyl       | 13.46 | 154 | 19212  | 1.63  | ng/ul  | 92     |
| 45) Dimethylphthalate   | 14.08 | 163 | 180393 | 14.86 | ng/ul# | 89     |
| 59) Fluorene            | 15.68 | 166 | 42360  | 3.36  | ng/ul# | 85     |
| 70) Phenanthrene        | 17.41 | 178 | 108451 | 6.05  | ng/ul# | 87     |

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

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