

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG092415\  
 Data File : BG018888.D  
 Acq On : 25 Sep 2015 3:43  
 Operator : TP  
 Sample : G3802-05MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E43H6MSD

Quant Time: Sep 25 04:52:01 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG091015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 25 04:50:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 59129    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.80 | 136  | 256305   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.62 | 164  | 163250   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.37 | 188  | 383901   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.63 | 240  | 402480   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 407373   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96  | 6365   | 5.18  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.16  | 99  | 137301 | 28.28 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.32  | 67  | 84193  | 29.92 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.53  | 132 | 118207 | 32.14 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.71  | 113 | 117602 | 29.85 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.15  | 128 | 55931  | 28.80 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 46420  | 23.77 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.42 | 165 | 119942 | 29.17 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.93 | 131 | 156475 | 32.71 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 14.02 | 166 | 369263 | 28.11 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.32 | 160 | 356467 | 22.90 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.82 | 143 | 54618  | 21.66 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.62 | 176 | 226193 | 19.69 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 20537  | 11.30 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.47 | 188 | 298730 | 17.67 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.75 | 212 | 284156 | 15.35 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 24.58 | 264 | 230503 | 11.63 | ng/ul | -0.02 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 7.19  | 94  | 155980 | 31.06 | ng/ul# | 86     |
| 10) 2-Chlorophenol             | 7.56  | 128 | 121409 | 31.89 | ng/ul  | 93     |
| 15) N-Nitroso-di-n-propylamine | 8.80  | 70  | 89326  | 28.86 | ng/ul# | 86     |
| 33) 4-Chloro-3-methylphenol    | 12.08 | 107 | 130630 | 29.78 | ng/ul  | 98     |
| 45) Dimethylphthalate          | 14.07 | 163 | 200517 | 15.74 | ng/ul  | 98     |
| 50) Acenaphthene               | 14.69 | 153 | 256225 | 22.96 | ng/ul  | 97     |
| 53) 4-Nitrophenol              | 14.84 | 109 | 38241  | 22.12 | ng/ul  | 95     |
| 55) 2,4-Dinitrotoluene         | 14.98 | 165 | 92296  | 24.21 | ng/ul# | 82     |
| 69) Pentachlorophenol          | 17.02 | 266 | 59331  | 24.40 | ng/ul  | 85     |
| 80) Pyrene                     | 19.78 | 202 | 410510 | 17.35 | ng/ul  | 98     |

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

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