

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG121915\  
 Data File : BG020282.D  
 Acq On : 18 Dec 2015 19:34  
 Operator : UM/SJ  
 Sample : G4768-03MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9N27MSD

Quant Time: Dec 29 02:11:32 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG121415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 19 00:45:12 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 16682    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.91 | 136  | 71869    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.73 | 164  | 50223    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 130915   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.75 | 240  | 167434   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.01 | 264  | 155628   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.47  | 96  | 341    | 1.13  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.24  | 99  | 8522   | 5.79  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67  | 23173  | 26.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.62  | 132 | 24783  | 23.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.80  | 113 | 17491  | 13.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.26  | 128 | 16023  | 28.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.98  | 143 | 18550  | 29.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.53 | 165 | 32481  | 25.72 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.05 | 131 | 3324   | 2.34  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.12 | 166 | 133410 | 32.84 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.42 | 160 | 146878 | 31.07 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.91 | 143 | 4846   | 6.65  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.71 | 176 | 119446 | 32.42 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 21990  | 28.33 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.57 | 188 | 199762 | 33.12 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 242031 | 31.01 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.79 | 264 | 222172 | 28.62 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 6) Phenol                      | 7.27  | 94  | 11199   | 7.11   | ng/ul  | 97     |
| 10) 2-Chlorophenol             | 7.65  | 128 | 25766   | 23.00  | ng/ul  | 95     |
| 15) N-Nitroso-di-n-propylamine | 8.89  | 70  | 26432   | 25.35  | ng/ul  | 96     |
| 28) Naphthalene                | 10.97 | 128 | 1151375 | 306.78 | ng/ul  | 96     |
| 33) 4-Chloro-3-methylphenol    | 12.18 | 107 | 36422   | 23.63  | ng/ul  | 93     |
| 34) 2-Methylnaphthalene        | 12.56 | 142 | 133778  | 46.66  | ng/ul  | 97     |
| 41) 1,1'-Biphenyl              | 13.56 | 154 | 20584   | 5.43   | ng/ul  | 92     |
| 45) Dimethylphthalate          | 14.17 | 163 | 14017   | 3.38   | ng/ul  | 97     |
| 50) Acenaphthene               | 14.79 | 153 | 173676  | 51.41  | ng/ul  | 99     |
| 53) 4-Nitrophenol              | 14.93 | 109 | 4535    | 6.47   | ng/ul  | 90     |
| 54) Dibenzofuran               | 15.12 | 168 | 67377   | 13.41  | ng/ul  | 98     |
| 55) 2,4-Dinitrotoluene         | 15.08 | 165 | 38883   | 30.87  | ng/ul# | 97     |
| 59) Fluorene                   | 15.77 | 166 | 56895   | 14.10  | ng/ul  | 98     |
| 69) Pentachlorophenol          | 17.12 | 266 | 29491   | 29.64  | ng/ul  | 95     |
| 70) Phenanthrene               | 17.51 | 178 | 159463  | 22.27  | ng/ul  | 99     |
| 75) Carbazole                  | 17.87 | 167 | 6557    | 1.07   | ng/ul  | 98     |
| 77) Fluoranthene               | 19.51 | 202 | 36388   | 4.35   | ng/ul  | 99     |
| 80) Pyrene                     | 19.88 | 202 | 321073  | 31.68  | ng/ul  | 100    |

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

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