

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\  
 Data File : BG020383.D  
 Acq On : 21 Dec 2015 19:07  
 Operator : UM/SJ  
 Sample : G4768-05DL 50X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9N29DL

Quant Time: Dec 22 07:41:33 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 22 02:00:19 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 17319    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.91 | 136  | 76825    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.73 | 164  | 49696    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 119800   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.74 | 240  | 140889   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.02 | 264  | 111073   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0        | 0.00 | ng/uL |          |
| 5) Phenol-d5                   | 0.00  | 99   | 0d       | 0.00 | ng/ul |          |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67   | 549      | 0.60 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.62  | 132  | 459      | 0.41 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 0.00  | 113  | 0d       | 0.00 | ng/ul |          |
| 19) Nitrobenzene-d5            | 9.27  | 128  | 260      | 0.43 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.99  | 143  | 325      | 0.49 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.53 | 165  | 679      | 0.50 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0        | 0.00 | ng/ul |          |
| 44) Dimethylphthalate-d6       | 14.12 | 166  | 2684     | 0.67 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.42 | 160  | 3647     | 0.78 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 0.00  | 143  | 0        | 0.00 | ng/ul |          |
| 58) Fluorene-d10               | 15.71 | 176  | 3138     | 0.86 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0        | 0.00 | ng/ul |          |
| 71) Anthracene-d10             | 17.56 | 188  | 6241     | 1.13 | ng/ul | -0.01    |
| 79) Pyrene-d10                 | 19.84 | 212  | 5186     | 0.79 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.80 | 264  | 3904     | 0.70 | ng/ul | 0.00     |

| Target Compounds        | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|-------------------------|-------|------|----------|-------|--------|--------|
| 28) Naphthalene         | 10.96 | 128  | 146164   | 36.43 | ng/ul  | 97     |
| 34) 2-Methylnaphthalene | 12.56 | 142  | 25423    | 8.30  | ng/ul  | 93     |
| 41) 1,1'-Biphenyl       | 13.56 | 154  | 8577     | 2.29  | ng/ul  | 94     |
| 50) Acenaphthene        | 14.79 | 153  | 39717    | 11.88 | ng/ul  | 99     |
| 54) Dibenzofuran        | 15.12 | 168  | 30612    | 6.16  | ng/ul  | 96     |
| 59) Fluorene            | 15.77 | 166  | 21841    | 5.47  | ng/ul  | 98     |
| 70) Phenanthrene        | 17.51 | 178  | 46133    | 7.04  | ng/ul  | 99     |
| 75) Carbazole           | 17.87 | 167  | 24839    | 4.45  | ng/ul# | 97     |
| 77) Fluoranthene        | 19.52 | 202  | 7778     | 1.02  | ng/ul  | 97     |

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

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