

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\  
 Data File : BG020404.D  
 Acq On : 22 Dec 2015 8:46  
 Operator : UM/SJ  
 Sample : G4848-14DL 25X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9N60DL

Quant Time: Dec 22 13:58:14 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 22 05:02:37 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 14069    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.91 | 136  | 64366    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.72 | 164  | 49775    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 128666   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.74 | 240  | 156861   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.02 | 264  | 138407   | 20.00 | ng/ul | 0.00     |

| 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                   | 7.25  | 99   | 482      | 0.39 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.41  | 67   | 629      | 0.85 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.62  | 132  | 651      | 0.72 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.80  | 113  | 716      | 0.67 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.26  | 128  | 246      | 0.49 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.99  | 143  | 306      | 0.55 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.53 | 165  | 689      | 0.61 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.05 | 131  | 1107     | 0.87 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.12 | 166  | 4027     | 1.00 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.42 | 160  | 4673     | 1.00 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 0.00  | 143  | 0        | 0.00 | ng/ul |          |
| 58) Fluorene-d10               | 15.71 | 176  | 4170     | 1.14 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0        | 0.00 | ng/ul |          |
| 71) Anthracene-d10             | 17.57 | 188  | 6833     | 1.15 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.84 | 212  | 7488     | 1.02 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.78 | 264  | 6681     | 0.97 | ng/ul | -0.01    |

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------|-------|------|----------|-------|--------|--------|
| 28) Naphthalene          | 10.96 | 128  | 83801    | 24.93 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene  | 12.55 | 142  | 24474    | 9.53  | ng/ul  | 93     |
| 41) 1,1'-Biphenyl        | 13.56 | 154  | 10562    | 2.81  | ng/ul  | 99     |
| 50) Acenaphthene         | 14.79 | 153  | 47116    | 14.07 | ng/ul  | 98     |
| 54) Dibenzofuran         | 15.12 | 168  | 48003    | 9.64  | ng/ul  | 99     |
| 59) Fluorene             | 15.77 | 166  | 42408    | 10.60 | ng/ul  | 98     |
| 70) Phenanthrene         | 17.51 | 178  | 223286   | 31.73 | ng/ul  | 99     |
| 72) Anthracene           | 17.60 | 178  | 16734    | 2.34  | ng/ul  | 95     |
| 75) Carbazole            | 17.87 | 167  | 8011     | 1.34  | ng/ul  | 99     |
| 77) Fluoranthene         | 19.52 | 202  | 134519   | 16.35 | ng/ul  | 97     |
| 80) Pyrene               | 19.87 | 202  | 91423    | 9.63  | ng/ul  | 99     |
| 83) Benzo(a)anthracene   | 21.72 | 228  | 20485    | 2.24  | ng/ul  | 99     |
| 85) Chrysene             | 21.79 | 228  | 18028    | 2.09  | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene | 23.98 | 252  | 8586     | 1.03  | ng/ul# | 91     |

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

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