

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG011216\  
 Data File : BG020692.D  
 Acq On : 13 Jan 2016 5:01  
 Operator : SJ/IZ  
 Sample : H1094-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC9H0

Manual Integrations  
 APPROVED

MMdadoda  
 1/13/2016 3:31:12 PM

Quant Time: Jan 13 08:01:05 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 13 07:56:00 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 13460    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 60066    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.68 | 164  | 44510    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.43 | 188  | 119277   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.70 | 240  | 144911   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.96 | 264  | 133781   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96   | 487      | 1.77  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.21  | 99   | 10327    | 8.95  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.36  | 67   | 28208    | 40.66 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.57  | 132  | 31117    | 34.39 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.76  | 113  | 20859    | 21.44 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.22  | 128  | 19373    | 40.88 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.94  | 143  | 23027    | 41.82 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165  | 38005    | 36.25 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0        | 0.00  | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 14.08 | 166  | 162099   | 41.73 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.37 | 160  | 176645   | 40.50 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.91 | 143  | 2649m    | 5.08  | ng/ul | 0.02     |
| 58) Fluorene-d10               | 15.67 | 176  | 146920   | 42.43 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200  | 21119    | 32.56 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.53 | 188  | 250750   | 42.89 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.81 | 212  | 304482   | 44.17 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264  | 315629   | 44.26 | ng/ul | 0.00     |

| Target Compounds | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|------------------|-------|------|----------|------|--------|--------|
| 28) Naphthalene  | 10.91 | 128  | 4054     | 1.19 | ng/ul# | 96     |

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

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