

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052116\  
 Data File : BG021990.D  
 Acq On : 21 May 2016 22:37  
 Operator : UM/SJ  
 Sample : H3146-14  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BD3G8

Manual Integrations  
 APPROVED

umangi  
 5/23/2016 8:40:55 PM

Quant Time: May 23 18:02:12 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 23 17:16:55 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 37981    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 202196   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 118254   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 239634   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.81 | 240  | 224993   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.13 | 264  | 202679   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 1231   | 1.69  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 30118  | 8.78  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 60737  | 33.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 84391  | 29.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 57677  | 19.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 52992  | 35.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 58611  | 36.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 88692  | 31.12 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 5760   | 1.86  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.18 | 166 | 320349 | 36.07 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 434760 | 35.05 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 7582m  | 4.96  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.77 | 176 | 291396 | 35.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 37083  | 29.60 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 410141 | 35.66 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.91 | 212 | 450585 | 35.51 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.92 | 264 | 358226 | 38.09 | ng/ul | 0.00 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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