

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Manual Integrations  
 APPROVED

MMDadoda  
 10/2/2015 5:44:01 PM

Quant Time: Oct 02 12:28:49 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG091015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 02 11:51:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 46479m   | 20.00 | ng/ul | 0.08     |
| 18) Naphthalene-d8        | 10.80 | 136  | 228128   | 20.00 | ng/ul | 0.03     |
| 36) Acenaphthene-d10      | 14.60 | 164  | 142956   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.35 | 188  | 364750m  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.60 | 240  | 456677m  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.78 | 264  | 451777   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 1288   | 1.33  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.20  | 99  | 19372  | 5.08  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 80880m | 36.57 | ng/ul | 0.04 |
| 9) 2-Chlorophenol-d4           | 7.53  | 132 | 84306  | 29.17 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.75  | 113 | 44688m | 14.43 | ng/ul | 0.03 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 56744  | 32.83 | ng/ul | 0.03 |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 52665  | 30.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 99368  | 27.15 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 11162m | 2.62  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.00 | 166 | 351504 | 30.55 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.30 | 160 | 448945 | 32.93 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.93 | 143 | 8765m  | 3.97  | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.60 | 176 | 328558 | 32.66 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 35154m | 20.36 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.45 | 188 | 542619 | 33.79 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.73 | 212 | 655140 | 31.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.56 | 264 | 726082 | 33.02 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 4576    | 4.38   | ng/uL# | 59     |
| 6) Phenol                      | 7.23  | 94  | 20967m  | 5.31   | ng/ul  |        |
| 10) 2-Chlorophenol             | 7.59  | 128 | 24896m  | 8.32   | ng/ul  |        |
| 11) 2-Methylphenol             | 8.46  | 108 | 211100m | 69.53  | ng/ul  |        |
| 20) Nitrobenzene               | 9.23  | 77  | 3394223 | 846.97 | ng/ul# | 78     |
| 30) 4-Chloroaniline            | 10.91 | 127 | 927271  | 210.55 | ng/ul  | 100    |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216 | 380975  | 85.97  | ng/ul# | 95     |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.40 | 216 | 390281  | 89.92  | ng/uL  | 99     |

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

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