

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102815\  
 Data File : BG019399.D  
 Acq On : 29 Oct 2015 2:46  
 Operator : UM/NP  
 Sample : G4120-12  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E5LT6

Manual Integrations  
 APPROVED

Mmdadoda  
 10/30/2015 6:32:09 PM

Quant Time: Nov 10 16:33:04 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102815.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 29 04:26:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.20  | 152  | 35784    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.04 | 136  | 144465m  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 130260m  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.58 | 188  | 268432m  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.86 | 240  | 320838m  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.24 | 264  | 302966m  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 4244    | 5.68  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 7.36  | 99  | 19859   | 6.05  | ng/ul | 0.01  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.52  | 67  | 51843   | 24.90 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.74  | 132 | 41850   | 20.41 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.92  | 113 | 37701   | 14.41 | ng/ul | 0.01  |
| 19) Nitrobenzene-d5            | 9.38  | 128 | 27478m  | 25.88 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.11 | 143 | 31803m  | 25.23 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.65 | 165 | 62844m  | 22.98 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |       |
| 44) Dimethylphthalate-d6       | 14.24 | 166 | 224655m | 20.92 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.53 | 160 | 255040m | 21.44 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 15.05 | 143 | 10379m  | 6.08  | ng/ul | 0.04  |
| 58) Fluorene-d10               | 15.82 | 176 | 252572m | 25.42 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 48641m  | 28.00 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.67 | 188 | 333576m | 27.26 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.95 | 212 | 371909m | 26.49 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 25.01 | 264 | 400863m | 26.37 | ng/ul | 0.00  |

## Target Compounds

|                         |       |     |         |       |        | Qvalue |
|-------------------------|-------|-----|---------|-------|--------|--------|
| 11) 2-Methylphenol      | 8.66  | 108 | 5308m   | 2.05  | ng/ul  |        |
| 14) Acetophenone        | 9.02  | 105 | 8112    | 1.85  | ng/ul# | 76     |
| 16) 4-Methylphenol      | 8.99  | 108 | 24045   | 8.51  | ng/ul# | 79     |
| 24) 2,4-Dimethylphenol  | 10.20 | 107 | 366724m | 98.08 | ng/ul  |        |
| 28) Naphthalene         | 11.09 | 128 | 22554m  | 3.12  | ng/ul  |        |
| 35) 1-Methylnaphthalene | 12.90 | 142 | 34229m  | 6.23  | ng/ul  |        |
| 41) 1,1'-Biphenyl       | 13.67 | 154 | 11997m  | 1.30  | ng/ul  |        |
| 57) Diethylphthalate    | 15.63 | 149 | 55030m  | 5.07  | ng/ul  |        |

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

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102815\  
Data File : BG019399.D  
Acq On : 29 Oct 2015 2:46  
Operator : UM/NP  
Sample : G4120-12  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E5LT6

Manual Integrations  
APPROVED

Mmdadoda  
10/30/2015 6:32:09 PM

Quant Time: Nov 10 16:33:04 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102815.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Oct 29 04:26:00 2015  
Response via : Initial Calibration

