

Data Path : S:\HPCHEM1\BNA\_G\DATA\BG031016\  
 Data File : BG021417.D  
 Acq On : 10 Mar 2016 20:55  
 Operator : UM/SJ  
 Sample : H1616-15  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P010-SS004-01

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 5:27:54 PM

Quant Time: Mar 11 11:45:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 11 00:30:31 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 14992    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 78994    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.73 | 164  | 45518    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.47 | 188  | 96831    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.74 | 240  | 110261   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.02 | 264  | 103704   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 875    | 2.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 31137  | 18.35 | ng/ul | 0.04 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.44  | 67  | 20215  | 18.53 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.67  | 132 | 23205  | 20.03 | ng/ul | 0.02 |
| 13) 4-Methylphenol-d8          | 8.85  | 113 | 16525  | 12.05 | ng/ul | 0.03 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 12493  | 19.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 13786  | 19.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165 | 23130  | 18.21 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4         | 11.07 | 131 | 7976   | 4.79  | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6       | 14.13 | 166 | 80320  | 20.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.43 | 160 | 105014 | 21.88 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.01 | 143 | 9408   | 12.63 | ng/ul | 0.09 |
| 58) Fluorene-d10               | 15.72 | 176 | 72139  | 20.84 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.84 | 200 | 9595   | 14.81 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.57 | 188 | 103810 | 21.48 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.85 | 212 | 115187 | 20.47 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.80 | 264 | 118064 | 21.29 | ng/ul | 0.03 |

## Target Compounds

|                            |       |     |        |      |        | Qvalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 28) Naphthalene            | 10.98 | 128 | 30672  | 6.92 | ng/ul  | 97     |
| 45) Dimethylphthalate      | 14.18 | 163 | 36873  | 8.76 | ng/ul  | 96     |
| 70) Phenanthrene           | 17.51 | 178 | 11798  | 2.05 | ng/ul# | 87     |
| 77) Fluoranthene           | 19.52 | 202 | 11422  | 1.72 | ng/ul# | 93     |
| 80) Pyrene                 | 19.87 | 202 | 23799  | 3.23 | ng/ul  | 98     |
| 88) Benzo(b)fluoranthene   | 23.98 | 252 | 16391  | 2.31 | ng/ul# | 73     |
| 91) Benzo(a)pyrene         | 24.87 | 252 | 18009  | 2.59 | ng/ul# | 78     |
| 92) Indeno(1,2,3-cd)pyrene | 28.75 | 276 | 7736   | 1.01 | ng/ul# | 82     |
| 94) Benzo(g,h,i)perylene   | 29.92 | 276 | 15099m | 2.39 | ng/ul  |        |

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

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