

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072315\  
 Data File : BG018074.D  
 Acq On : 23 Jul 2015 20:53  
 Operator : TP/UM  
 Sample : G3035-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C01H4

Manual Integrations  
 APPROVED

apatel  
 7/24/2015 4:50:42 PM

Quant Time: Jul 24 01:40:45 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 24 01:33:04 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 43026    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 217012   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.18 | 164  | 150476   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.93 | 188  | 359420   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 365318   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.32 | 264  | 363004   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.02  | 96  | 1587   | 2.31  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.70  | 99  | 39001  | 11.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 21896  | 13.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 35880  | 12.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.23  | 113 | 25622  | 8.70  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.66  | 128 | 20222  | 11.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.38  | 143 | 20232  | 11.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 34607  | 10.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.44 | 131 | 39362  | 10.73 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.60 | 166 | 128417 | 12.16 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.87 | 160 | 151982 | 11.71 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.40 | 143 | 20408  | 9.18  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.18 | 176 | 111493 | 11.42 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.30 | 200 | 15946  | 6.94  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.03 | 188 | 167308 | 10.75 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.34 | 212 | 172934 | 10.33 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.18 | 264 | 145207 | 8.38  | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |            | Qvalue |
|--------------------------------|-------|-----|--------|------------|--------|
| 14) Acetophenone               | 8.33  | 105 | 13416  | 3.23 ng/ul | 97     |
| 45) Dimethylphthalate          | 13.65 | 163 | 39042  | 3.67 ng/ul | 99     |
| 70) Phenanthrene               | 16.98 | 178 | 43354  | 2.40 ng/ul | 97     |
| 77) Fluoranthene               | 19.00 | 202 | 97464  | 5.07 ng/ul | 99     |
| 80) Pyrene                     | 19.37 | 202 | 114420 | 5.47 ng/ul | 99     |
| 83) Benzo(a)anthracene         | 21.12 | 228 | 53435  | 2.77 ng/ul | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 13991  | 1.14 ng/ul | 98     |
| 85) Chrysene                   | 21.17 | 228 | 60801m | 3.34 ng/ul |        |
| 88) Benzo(b)fluoranthene       | 22.67 | 252 | 74106  | 3.73 ng/ul | 99     |
| 89) Benzo(k)fluoranthene       | 22.71 | 252 | 28158m | 1.46 ng/ul |        |
| 91) Benzo(a)pyrene             | 23.23 | 252 | 54033  | 2.81 ng/ul | 97     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.51 | 276 | 37219  | 1.67 ng/ul | 98     |
| 94) Benzo(g,h,i)perylene       | 26.19 | 276 | 24509  | 1.33 ng/ul | 97     |

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

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