

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\  
 Data File : BG021818.D  
 Acq On : 10 May 2016 16:03  
 Operator : UM/SJ  
 Sample : H2938-09  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XA7

Manual Integrations  
 APPROVED

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 5/11/2016 8:28:28 PM

Quant Time: May 11 05:06:17 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 11 02:37:33 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 75921    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 400946   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.80 | 164  | 232168   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.54 | 188  | 473825   | 20.00 | ng/ul | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 462507   | 20.00 | ng/ul | 0.00     |
| 84) Perylene-d12          | 25.16 | 264  | 464438   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 7695m   | 4.89  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.33  | 99  | 141784  | 25.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.50  | 67  | 74687   | 26.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.71  | 132 | 129611  | 29.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.88  | 113 | 90708m  | 19.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.35  | 128 | 70079   | 26.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.08 | 143 | 65196m  | 39.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.62 | 165 | 129020m | 27.41 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.13 | 131 | 149757m | 29.53 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.20 | 166 | 444125  | 27.23 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.49 | 160 | 606264  | 26.19 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.99 | 143 | 60381m  | 21.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.79 | 176 | 407978  | 23.76 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 39326   | 29.96 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.64 | 188 | 554431  | 24.04 | ng/ul | 0.00 |
| 77) Pyrene-d10                 | 19.92 | 212 | 601145  | 27.77 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12         | 24.93 | 264 | 553171  | 25.07 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |      |        | Ovalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 45) Dimethylphthalate          | 14.25 | 163 | 72229  | 4.35 | ng/ul  | 98     |
| 75) Fluoranthene               | 19.58 | 202 | 31195  | 1.06 | ng/ul# | 96     |
| 78) Pyrene                     | 19.95 | 202 | 28068m | 1.05 | ng/ul  |        |
| 82) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 11904  | 1.23 | ng/ul  | 97     |

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

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