

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\  
 Data File : BG022079.D  
 Acq On : 26 May 2016 13:41  
 Operator : UM/SJ  
 Sample : H3201-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCZH1

Manual Integrations  
 APPROVED

sohil  
 5/27/2016 7:40:44 PM

Quant Time: May 27 05:41:45 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 27 04:32:27 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 44740    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 239699   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 132206   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.52 | 188  | 248876   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.80 | 240  | 209814   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.14 | 264  | 199417   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 987m   | 1.15  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 40078  | 9.91  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 22467  | 10.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 36674  | 10.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 33093  | 9.65  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.32  | 128 | 19566  | 11.07 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 17601  | 9.19  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 30057  | 8.90  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 47504  | 12.91 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 127628 | 12.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 176143 | 12.70 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00  | ng/ul |      |
| 57) Fluorene-d10               | 15.77 | 176 | 114388 | 12.30 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 364    | 0.28  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.62 | 188 | 149280 | 12.50 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 152061 | 12.85 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.91 | 264 | 118579 | 12.82 | ng/ul | 0.01 |

## Target Compounds

|                       |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 44) Dimethylphthalate | 14.22 | 163 | 50484 | 5.06 ng/ul  | 100    |
| 74) Fluoranthene      | 19.56 | 202 | 18385 | 1.30 ng/ul  | 98     |
| 77) Pyrene            | 19.92 | 202 | 16757 | 1.14 ng/ul# | 94     |

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

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