

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\  
 Data File : BG025022.D  
 Acq On : 9 Dec 2016 1:13  
 Operator : UM/SJ  
 Sample : H5863-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA7Z0

Manual Integrations  
 APPROVED

sohil  
 12/9/2016 3:41:19 PM

Quant Time: Dec 09 03:08:52 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 09 01:31:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 121999   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.07 | 136  | 487027   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 388190   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.60 | 188  | 897853m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 1170452m | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.32 | 264  | 1227006m | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 8309    | 3.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 208960  | 19.85 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.56  | 67  | 131543  | 20.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.77  | 132 | 153916  | 20.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 178120  | 20.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.42  | 128 | 78895   | 22.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 93911   | 21.84 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.68 | 165 | 183202  | 22.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.20 | 131 | 139718  | 17.19 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 642219  | 24.05 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.56 | 160 | 690103  | 23.59 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.05 | 143 | 102517  | 22.34 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.85 | 176 | 584185  | 23.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 128040m | 23.06 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.70 | 188 | 957098  | 25.26 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.98 | 212 | 1172101 | 24.31 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.07 | 264 | 1260741 | 25.36 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |        |      |        | Ovalue |
|-------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol               | 7.41  | 94  | 37308  | 3.45 | ng/ul# | 85     |
| 14) Acetophenone        | 9.07  | 105 | 30848  | 2.30 | ng/ul  | 97     |
| 28) Naphthalene         | 11.12 | 128 | 26211  | 1.16 | ng/ul  | 94     |
| 34) 2-Methylnaphthalene | 12.70 | 142 | 24921  | 1.39 | ng/ul  | 97     |
| 44) Dimethylphthalate   | 14.30 | 163 | 113417 | 4.32 | ng/ul  | 98     |
| 58) Fluorene            | 15.90 | 166 | 27016  | 1.08 | ng/ul# | 79     |

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

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