

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\  
 Data File : BG025162.D  
 Acq On : 14 Dec 2016 2:04  
 Operator : UM/SJ  
 Sample : H5990-12  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P006-SS005-0106-03

Quant Time: Dec 14 10:03:44 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 14 03:19:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 84088    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.07 | 136  | 394015   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.87 | 164  | 312439   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.61 | 188  | 581879   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 731359   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.34 | 264  | 758405   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 6706   | 4.12  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.40  | 99  | 172058 | 23.72 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.56  | 67  | 120670 | 26.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.77  | 132 | 131730 | 25.97 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 149827 | 24.71 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.42  | 128 | 71629  | 25.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.15 | 143 | 88899  | 25.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165 | 160447 | 23.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 106246 | 16.16 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 14.25 | 166 | 580185 | 27.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.57 | 160 | 615758 | 26.16 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 15.07 | 143 | 80229  | 21.72 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.85 | 176 | 479885 | 23.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 83642  | 23.25 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.71 | 188 | 664599 | 27.06 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.98 | 212 | 749962 | 24.90 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.09 | 264 | 798860 | 26.00 | ng/ul | 0.02 |

## Target Compounds

|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 7.42  | 94  | 31244  | 4.20 ng/ul# | 85     |
| 44) Dimethylphthalate | 14.30 | 163 | 123396 | 5.84 ng/ul  | 95     |
| 69) Phenanthrene      | 17.65 | 178 | 41400  | 1.49 ng/ul# | 89     |
| 74) Fluoranthene      | 19.65 | 202 | 106431 | 3.23 ng/ul  | 97     |
| 77) Pyrene            | 20.01 | 202 | 98869  | 2.81 ng/ul# | 96     |

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

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