

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG012617\  
 Data File : BG025696.D  
 Acq On : 27 Jan 2017 10:18  
 Operator : SJ/MA  
 Sample : I1387-04DL2 50X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA9Q8DL2

Quant Time: Jan 27 12:10:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 27 11:48:12 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 81126    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 344614   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 268891   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 548268   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 620607   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 621937   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96   | 239      | 0.15  | ng/uL | 0.02     |
| 5) Phenol-d5                   | 7.34  | 99   | 78       | 0.01  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67   | 237      | 0.05  | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.73  | 132  | 2010     | 0.41  | ng/ul | 0.03     |
| 13) 4-Methylphenol-d8          | 8.94  | 113  | 882      | 0.15  | ng/ul | 0.04     |
| 19) Nitrobenzene-d5            | 9.39  | 128  | 1122     | 0.46  | ng/ul | 0.03     |
| 22) 2-Nitrophenol-d4           | 10.09 | 143  | 695      | 0.24  | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.62 | 165  | 90       | 0.02  | ng/ul | -0.01    |
| 29) 4-Chloroaniline-d4         | 11.17 | 131  | 180      | 0.03  | ng/ul | 0.02     |
| 43) Dimethylphthalate-d6       | 14.21 | 166  | 16362    | 0.86  | ng/ul | 0.02     |
| 46) Acenaphthylene-d8          | 14.51 | 160  | 19862    | 0.97  | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.08 | 143  | 55       | 0.02  | ng/ul | 0.03     |
| 57) Fluorene-d10               | 15.80 | 176  | 17625    | 0.98  | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.95 | 200  | 22123    | 6.54  | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.56 | 188  | 548268   | 23.49 | ng/ul | -0.10    |
| 76) Pyrene-d10                 | 19.94 | 212  | 27464    | 1.06  | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.24 | 264  | 599030   | 22.92 | ng/ul | 0.24     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 28) Naphthalene                | 11.05 | 128  | 80981    | 5.09  | ng/ul  | 96     |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.44 | 232  | 21991    | 4.04  | ng/ul# | 88     |
| 63) 4,6-Dinitro-2-methylphenol | 15.96 | 198  | 70634    | 20.26 | ng/ul# | 54     |
| 68) Pentachlorophenol          | 17.21 | 266  | 215156   | 71.53 | ng/ul  | 94     |

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

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