

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102016\  
 Data File : BG024486.D  
 Acq On : 21 Oct 2016 6:15  
 Operator : UM/SJ  
 Sample : MDL-04-W  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-04-W

Quant Time: Oct 21 18:20:47 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102016-MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 21 17:27:43 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.28  | 152  | 225366   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 11.11 | 136  | 1028789  | 20.00 | ng/ul | 0.00     |
| 13) Acenaphthene-d10      | 14.90 | 164  | 824811   | 20.00 | ng/ul | 0.00     |
| 18) Phenanthrene-d10      | 17.63 | 188  | 1643041  | 20.00 | ng/ul | 0.00     |
| 23) Chrysene-d12          | 21.94 | 240  | 1878742  | 20.00 | ng/ul | 0.00     |
| 25) Perylene-d12          | 25.37 | 264  | 1927499  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.64  | 96  | 29585   | 7.02  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.41  | 99  | 673842  | 32.88 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.59  | 67  | 430130  | 33.95 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.81  | 132 | 481454  | 33.38 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.97  | 113 | 578119  | 33.82 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.46  | 128 | 258329  | 33.58 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 10.18 | 143 | 321156  | 35.85 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 578739  | 31.89 | ng/ul | 0.00 |
| 11) 4-Chloroaniline-d4         | 11.24 | 131 | 690561  | 36.58 | ng/ul | 0.00 |
| 14) Dimethylphthalate-d6       | 14.29 | 166 | 1806835 | 32.48 | ng/ul | 0.00 |
| 15) Acenaphthylene-d8          | 14.60 | 160 | 2109075 | 31.86 | ng/ul | 0.00 |
| 16) 4-Nitrophenol-d4           | 15.06 | 143 | 306356  | 32.22 | ng/ul | 0.00 |
| 17) Fluorene-d10               | 15.88 | 176 | 1645773 | 31.05 | ng/ul | 0.00 |
| 19) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 365525  | 33.29 | ng/ul | 0.00 |
| 20) Anthracene-d10             | 17.73 | 188 | 2292743 | 31.41 | ng/ul | 0.00 |
| 24) Pyrene-d10                 | 20.01 | 212 | 2619091 | 32.09 | ng/ul | 0.00 |
| 26) Benzo(a)pyrene-d12         | 25.14 | 264 | 2818056 | 33.41 | ng/ul | 0.00 |

| Target Compounds               |       |     |        |      |       | Qvalue |
|--------------------------------|-------|-----|--------|------|-------|--------|
| 12) 1-Methylnaphthalene        | 12.96 | 142 | 127367 | 3.33 | ng/ul | 90     |
| 21) 1,2,3,4-Tetrachlorobenzene | 13.70 | 216 | 79842  | 3.18 | ng/uL | 97     |
| 22) Pentachlorobenzene         | 15.20 | 250 | 93764  | 3.56 | ng/uL | 94     |

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

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