

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080817\  
 Data File : BG028210.D  
 Acq On : 9 Aug 2017 4:18  
 Operator : SJ/JU  
 Sample : I4600-17  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02Z3

Quant Time: Aug 09 08:04:22 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 09 02:30:54 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 28859    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 125524   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 95474    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 286140   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 328695   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 315451   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 3420   | 5.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 20241  | 6.39  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 61408  | 30.59 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 53655  | 26.83 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 40296  | 15.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 32133  | 32.74 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.24 | 143 | 39116  | 36.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 62900  | 28.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.35 | 131 | 81     | 0.03  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 310035 | 36.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 310567 | 32.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.16 | 143 | 10036  | 7.43  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.95 | 176 | 258711 | 33.96 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 60739  | 32.68 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 499838 | 36.43 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 626319 | 37.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.31 | 264 | 519824 | 35.20 | ng/ul | 0.00 |

| Target Compounds |      |    |      |       | Qvalue |    |
|------------------|------|----|------|-------|--------|----|
| 2) 1,4-Dioxane   | 3.88 | 88 | 5415 | 8.319 | ng/uL# | 69 |

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

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