

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG082517\  
 Data File : BG028496.D  
 Acq On : 25 Aug 2017 17:43  
 Operator : SJ/JU  
 Sample : I4885-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0AP9

Quant Time: Aug 26 01:29:02 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 23:11:18 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 26019    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 111365   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 79758    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.70 | 188  | 193541   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.03 | 240  | 231024   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.54 | 264  | 227628   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.81  | 96  | 2038   | 3.65  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.49  | 99  | 62652  | 21.92 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67  | 38936  | 21.52 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.87  | 132 | 47088  | 26.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.04  | 113 | 53077  | 22.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.51  | 128 | 23377  | 26.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.23 | 143 | 29176  | 30.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.78 | 165 | 53893  | 27.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.29 | 131 | 41856  | 19.04 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.34 | 166 | 191253 | 26.96 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.65 | 160 | 218958 | 27.38 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 26862  | 23.82 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.94 | 176 | 173055 | 27.19 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 32059  | 25.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.80 | 188 | 300714 | 32.40 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.07 | 212 | 364561 | 30.77 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264 | 357660 | 33.56 | ng/ul | 0.02 |

## Target Compounds

|                       |       |     |       |              | Qvalue |
|-----------------------|-------|-----|-------|--------------|--------|
| 6) Phenol             | 7.52  | 94  | 8317  | 2.929 ng/ul# | 95     |
| 44) Dimethylphthalate | 14.38 | 163 | 81780 | 12.520 ng/ul | 99     |
| 74) Fluoranthene      | 19.74 | 202 | 16746 | 1.415 ng/ul# | 95     |
| 77) Pyrene            | 20.10 | 202 | 18866 | 1.369 ng/ul# | 94     |

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

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