

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\  
 Data File : BG026201.D  
 Acq On : 11 Mar 2017 9:59  
 Operator : SJ/MA  
 Sample : I2072-06  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AK1

Quant Time: Mar 13 12:03:37 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 11 00:32:15 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 110095   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 488773   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.67 | 164  | 279999   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.40 | 188  | 677374   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.64 | 240  | 752157   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.83 | 264  | 726475   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96  | 4807   | 1.88  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.22  | 99  | 134187 | 16.39 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.38  | 67  | 100985 | 19.55 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.59  | 132 | 107492 | 16.26 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.76  | 113 | 99229  | 15.51 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.22  | 128 | 60014  | 17.00 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.94  | 143 | 45008  | 15.49 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.48 | 165 | 105170 | 16.22 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.88 | 131 | 88     | 0.01  | ng/ul | -0.10 |
| 43) Dimethylphthalate-d6       | 14.06 | 166 | 353826 | 19.43 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.36 | 160 | 494711 | 20.24 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.85 | 143 | 37101  | 10.34 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.65 | 176 | 361409 | 20.12 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.76 | 200 | 28445  | 8.95  | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.49 | 188 | 546778 | 17.79 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.77 | 212 | 628490 | 20.31 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 24.61 | 264 | 555142 | 17.34 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 6) Phenol                      | 7.25  | 94  | 11031  | 1.30  | ng/ul  | 97     |
| 44) Dimethylphthalate          | 14.11 | 163 | 207355 | 11.62 | ng/ul  | 99     |
| 76) Fluoranthene               | 19.44 | 202 | 45424  | 1.12  | ng/ul# | 95     |
| 79) Pyrene                     | 19.80 | 202 | 59170  | 1.54  | ng/ul  | 97     |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149 | 37017  | 1.89  | ng/ul  | 97     |

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

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