

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\  
 Data File : BG023462.D  
 Acq On : 4 Aug 2016 21:47  
 Operator : UM/SJ  
 Sample : H4208-07  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDJJ6

Quant Time: Aug 05 03:29:24 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 05 02:31:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 92315    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 465432   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 376153   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 1037654  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1046485  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.23 | 264  | 1028025  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.50  | 96   | 2528     | 1.16  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.27  | 99   | 170491   | 18.33 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67   | 120411   | 20.21 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.64  | 132  | 122354   | 19.29 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.83  | 113  | 141361   | 19.47 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.29  | 128  | 68275    | 18.61 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.02 | 143  | 80413    | 19.08 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165  | 145461   | 18.30 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.09 | 131  | 190682   | 20.45 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.17 | 166  | 638492   | 20.73 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.47 | 160  | 701262   | 20.23 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.00 | 143  | 95255    | 18.12 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.77 | 176  | 597669   | 21.00 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200  | 107171   | 16.10 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.64 | 188  | 984725   | 21.06 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.93 | 212  | 1142858  | 21.57 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264  | 1005907  | 21.62 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 44) Dimethylphthalate | 14.22 | 163  | 367402   | 12.05 | ng/ul  | 98     |
| 69) Phenanthrene      | 17.58 | 178  | 132541   | 2.47  | ng/ul  | 98     |
| 74) Fluoranthene      | 19.60 | 202  | 132905   | 2.42  | ng/ul# | 91     |
| 77) Pyrene            | 19.96 | 202  | 108436   | 1.68  | ng/ul# | 93     |

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

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