

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100716\  
 Data File : BG024232.D  
 Acq On : 7 Oct 2016 13:23  
 Operator : UM/SJ  
 Sample : H5103-09  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P001-BF003-0006-01

Quant Time: Oct 07 13:59:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG0100716.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 07 06:34:32 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.30  | 152  | 181706   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.13 | 136  | 804729   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.91 | 164  | 632488   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.65 | 188  | 1233407  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.95 | 240  | 1300615  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.40 | 264  | 1341000  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.65  | 96  | 10218   | 2.67  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.42  | 99  | 278658  | 16.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 1189    | 0.10  | ng/ul | 0.06 |
| 9) 2-Chlorophenol-d4           | 7.82  | 132 | 198171  | 16.98 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.98  | 113 | 231752  | 16.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.47  | 128 | 101697  | 17.81 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.20 | 143 | 113619  | 17.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.73 | 165 | 234581  | 16.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.26 | 131 | 298239  | 20.40 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.31 | 166 | 872737  | 19.76 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.61 | 160 | 1019736 | 20.16 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.07 | 143 | 121693  | 15.54 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.90 | 176 | 838061  | 20.07 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.00 | 200 | 131389  | 17.73 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.75 | 188 | 1249672 | 22.43 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.02 | 212 | 1363873 | 22.47 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.17 | 264 | 1351576 | 22.40 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       |        | Qvalue |
|--------------------------|-------|-----|--------|-------|--------|--------|
| 44) Dimethylphthalate    | 14.35 | 163 | 691272 | 15.96 | ng/ul  | 96     |
| 69) Phenanthrene         | 17.69 | 178 | 112077 | 1.80  | ng/ul  | 96     |
| 74) Fluoranthene         | 19.68 | 202 | 294030 | 4.67  | ng/ul# | 90     |
| 77) Pyrene               | 20.05 | 202 | 238521 | 3.43  | ng/ul# | 88     |
| 80) Benzo(a)anthracene   | 21.93 | 228 | 141586 | 1.96  | ng/ul  | 97     |
| 82) Chrysene             | 21.93 | 228 | 142509 | 2.07  | ng/ul  | 95     |
| 85) Benzo(b)fluoranthene | 24.29 | 252 | 142336 | 1.91  | ng/ul# | 88     |
| 88) Benzo(a)pyrene       | 25.23 | 252 | 122624 | 1.73  | ng/ul# | 89     |

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

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