

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\  
 Data File : BG020828.D  
 Acq On : 9 Feb 2016 22:01  
 Operator : SJ/UM  
 Sample : H1371-17  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C04J3

Quant Time: Feb 10 00:41:10 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 10 00:34:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 21843    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.10 | 136  | 111464   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.89 | 164  | 63894    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.62 | 188  | 120999   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.91 | 240  | 105154   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.30 | 264  | 100546   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 2722   | 6.05  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 70538  | 31.88 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.58  | 67  | 38096  | 32.27 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.80  | 132 | 58172  | 33.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.96  | 113 | 63272  | 32.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.45  | 128 | 31456  | 35.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.17 | 143 | 32557  | 36.60 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.71 | 165 | 57072  | 33.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.23 | 131 | 83236  | 36.51 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.28 | 166 | 186717 | 33.96 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.59 | 160 | 240635 | 35.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.06 | 143 | 30397  | 27.62 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.87 | 176 | 161946 | 34.62 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 14280  | 24.35 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.72 | 188 | 227022 | 37.97 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.99 | 212 | 217119 | 40.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.07 | 264 | 211402 | 37.94 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |       |       |        | Ovalue |
|--------------------------|-------|-----|-------|-------|--------|--------|
| 45) Dimethylphthalate    | 14.33 | 163 | 77880 | 13.60 | ng/ul  | 98     |
| 77) Fluoranthene         | 19.68 | 202 | 14322 | 1.82  | ng/ul  | 99     |
| 80) Pyrene               | 20.02 | 202 | 12531 | 1.65  | ng/ul  | 97     |
| 83) Benzo(a)anthracene   | 21.89 | 228 | 7438  | 1.08  | ng/ul# | 92     |
| 85) Chrysene             | 21.96 | 228 | 6538  | 1.04  | ng/ul# | 95     |
| 88) Benzo(b)fluoranthene | 24.21 | 252 | 9743  | 1.42  | ng/ul# | 88     |
| 91) Benzo(a)pyrene       | 25.14 | 252 | 7325  | 1.13  | ng/ul# | 85     |

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

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