

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG122615\  
 Data File : BG020554.D  
 Acq On : 27 Dec 2015 13:58  
 Operator : UM/SJ  
 Sample : G4846-18  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9N64

Quant Time: Dec 28 04:08:39 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG122415.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 28 02:38:20 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 18461    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.90 | 136  | 82371    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.71 | 164  | 58439    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.46 | 188  | 147173   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.73 | 240  | 178785   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.01 | 264  | 155322   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 447    | 1.34  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.23  | 99  | 14108  | 9.52  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.40  | 67  | 31408  | 35.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.61  | 132 | 33994  | 29.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.78  | 113 | 26580  | 21.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.25  | 128 | 23035  | 35.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.97  | 143 | 27155  | 36.99 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.52 | 165 | 45548  | 32.06 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.03 | 131 | 538    | 0.33  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.11 | 166 | 167951 | 34.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.41 | 160 | 199916 | 35.82 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.92 | 143 | 6192   | 7.71  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.70 | 176 | 156830 | 36.00 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 25936  | 26.59 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.56 | 188 | 251898 | 36.54 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.84 | 212 | 292825 | 37.83 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.78 | 264 | 320302 | 40.79 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |         |        |        | Qvalue |
|-------------------------|-------|-----|---------|--------|--------|--------|
| 28) Naphthalene         | 10.96 | 128 | 1963826 | 448.49 | ng/ul# | 91     |
| 34) 2-Methylnaphthalene | 12.55 | 142 | 459792  | 141.92 | ng/ul  | 97     |
| 41) 1,1'-Biphenyl       | 13.55 | 154 | 164376  | 36.45  | ng/ul  | 95     |
| 48) Acenaphthylene      | 14.44 | 152 | 73792   | 12.58  | ng/ul  | 98     |
| 50) Acenaphthene        | 14.79 | 153 | 802924  | 202.47 | ng/ul  | 96     |
| 54) Dibenzofuran        | 15.12 | 168 | 646483  | 109.57 | ng/ul  | 100    |
| 59) Fluorene            | 15.76 | 166 | 590622  | 123.53 | ng/ul  | 99     |
| 70) Phenanthrene        | 17.51 | 178 | 1470211 | 179.54 | ng/ul  | 93     |
| 72) Anthracene          | 17.60 | 178 | 100958  | 12.06  | ng/ul  | 99     |
| 75) Carbazole           | 17.87 | 167 | 503943  | 71.41  | ng/ul  | 98     |
| 77) Fluoranthene        | 19.51 | 202 | 388151  | 37.69  | ng/ul  | 99     |
| 80) Pyrene              | 19.87 | 202 | 224745  | 22.23  | ng/ul  | 99     |
| 83) Benzo(a)anthracene  | 21.72 | 228 | 10795   | 1.03   | ng/ul  | 93     |

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

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