

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\  
 Data File : BG029235.D  
 Acq On : 14 Oct 2017 22:53  
 Operator : SJ/JU  
 Sample : I5548-21  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AE7

Quant Time: Oct 15 03:21:22 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Oct 15 01:38:25 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 112968   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.99 | 136  | 515813   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.79 | 164  | 305469   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.53 | 188  | 638349   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.80 | 240  | 558116   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.11 | 264  | 557115   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.55  | 96  | 11312  | 4.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 224184 | 20.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 147254 | 21.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 168950 | 22.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.87  | 113 | 148935 | 17.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.34  | 128 | 89571  | 24.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 95132  | 25.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.61 | 165 | 181162 | 20.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 176489 | 17.57 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.19 | 166 | 571023 | 21.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.48 | 160 | 720668 | 22.69 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.97 | 143 | 75821  | 15.73 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.78 | 176 | 496988 | 23.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 52822  | 16.95 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.63 | 188 | 679975 | 22.52 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 680907 | 23.57 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.89 | 264 | 582719 | 22.08 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         | Ovalue |           |
|----------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                  | 7.35  | 94  | 16678   | 1.487  | ng/ul# 85 |
| 28) Naphthalene            | 11.04 | 128 | 85718   | 3.141  | ng/ul 98  |
| 34) 2-Methylnaphthalene    | 12.63 | 142 | 31294   | 1.385  | ng/ul 88  |
| 44) Dimethylphthalate      | 14.23 | 163 | 226347  | 8.886  | ng/ul# 97 |
| 49) Acenaphthene           | 14.85 | 153 | 134931  | 6.087  | ng/ul 96  |
| 53) Dibenzofuran           | 15.19 | 168 | 103339  | 3.410  | ng/ul 92  |
| 58) Fluorene               | 15.83 | 166 | 129122  | 5.341  | ng/ul 97  |
| 69) Phenanthrene           | 17.57 | 178 | 1001349 | 29.017 | ng/ul 98  |
| 71) Anthracene             | 17.66 | 178 | 277241  | 7.787  | ng/ul 99  |
| 72) Carbazole              | 17.93 | 167 | 145927  | 4.560  | ng/ul 99  |
| 74) Fluoranthene           | 19.57 | 202 | 1141331 | 29.594 | ng/ul# 88 |
| 77) Pyrene                 | 19.93 | 202 | 873713  | 23.358 | ng/ul# 90 |
| 80) Benzo(a)anthracene     | 21.78 | 228 | 545454  | 15.595 | ng/ul 98  |
| 82) Chrysene               | 21.85 | 228 | 461332  | 14.516 | ng/ul 96  |
| 85) Benzo(b)fluoranthene   | 24.06 | 252 | 570230  | 17.050 | ng/ul# 93 |
| 86) Benzo(k)fluoranthene   | 24.12 | 252 | 184157  | 5.695  | ng/ul# 92 |
| 88) Benzo(a)pyrene         | 24.96 | 252 | 374417  | 11.501 | ng/ul# 93 |
| 89) Indeno(1,2,3-cd)pyrene | 28.89 | 276 | 243744  | 6.618  | ng/ul# 92 |
| 90) Dibenzo(a,h)anthracene | 28.95 | 278 | 69743   | 2.279  | ng/ul# 90 |
| 91) Benzo(g,h,i)perylene   | 30.09 | 276 | 174658  | 5.721  | ng/ul# 89 |

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

