

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG110917\  
 Data File : BG030893.D  
 Acq On : 9 Nov 2017 23:20  
 Operator : SJ/JU  
 Sample : I6286-14  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0F60

Manual Integrations  
 APPROVED

Sohil  
 11/10/2017 1:13:29 PM

Quant Time: Nov 10 04:02:30 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 10 03:42:09 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 68129    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.96 | 136  | 314934   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.77 | 164  | 209243   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.51 | 188  | 513375   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.78 | 240  | 531109   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.11 | 264  | 539011   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.53  | 96  | 6621   | 3.95  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 156744 | 23.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.46  | 67  | 88178  | 21.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 129633 | 28.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 131873 | 24.97 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.31  | 128 | 66620  | 29.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.04 | 143 | 82407  | 35.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 153046 | 28.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.10 | 131 | 118260 | 19.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 487858 | 27.27 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 620096 | 28.50 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.98 | 143 | 79810  | 24.17 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.75 | 176 | 461036 | 31.47 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 89835  | 35.85 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.61 | 188 | 718223 | 29.58 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.88 | 212 | 820033 | 29.83 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.88 | 264 | 772707 | 30.27 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         |        | Qvalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 6) Phenol                  | 7.34  | 94  | 13408   | 1.982  | ng/ul  | 96 |
| 44) Dimethylphthalate      | 14.21 | 163 | 46819   | 2.683  | ng/ul  | 98 |
| 69) Phenanthrene           | 17.55 | 178 | 192123  | 6.923  | ng/ul  | 97 |
| 71) Anthracene             | 17.64 | 178 | 46887   | 1.637  | ng/ul  | 98 |
| 74) Fluoranthene           | 19.55 | 202 | 312579  | 10.078 | ng/ul  | 99 |
| 77) Pyrene                 | 19.91 | 202 | 272051  | 7.643  | ng/ul  | 97 |
| 80) Benzo(a)anthracene     | 21.76 | 228 | 162686  | 4.888  | ng/ul  | 98 |
| 82) Chrysene               | 21.83 | 228 | 145971m | 4.827  | ng/ul  |    |
| 85) Benzo(b)fluoranthene   | 24.04 | 252 | 182152  | 5.629  | ng/ul# | 94 |
| 86) Benzo(k)fluoranthene   | 24.11 | 252 | 61861m  | 1.977  | ng/ul  |    |
| 88) Benzo(a)pyrene         | 24.95 | 252 | 131060  | 4.161  | ng/ul  | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 28.90 | 276 | 87504   | 2.455  | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene   | 30.11 | 276 | 76375   | 2.586  | ng/ul  | 98 |

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

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