

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG080215\  
 Data File : BG018223.D  
 Acq On : 2 Aug 2015 13:30  
 Operator : TP  
 Sample : G3065-11RE  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02A4RE

Manual Integrations  
 APPROVED

MMDadoda  
 8/4/2015 12:19:05 PM

Quant Time: Aug 03 06:34:47 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG073115.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 03 05:58:42 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 86972    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.26 | 136  | 404619   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.15 | 164  | 271584   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.91 | 188  | 488739   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.12 | 240  | 404132   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.30 | 264  | 411143   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.95  | 96  | 4364   | 3.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.67  | 99  | 222609 | 28.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67  | 98984  | 24.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.01  | 132 | 172926 | 29.28 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.20  | 113 | 191821 | 30.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.63  | 128 | 88983  | 27.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 109158 | 29.84 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.89  | 165 | 207333 | 32.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.40 | 131 | 230592 | 28.62 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.57 | 166 | 681837 | 32.49 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.84 | 160 | 665778 | 27.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.39 | 143 | 116676 | 30.04 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.15 | 176 | 536336 | 28.24 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.30 | 200 | 136773 | 40.08 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.01 | 188 | 675816 | 31.80 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.32 | 212 | 539513 | 27.59 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 616883 | 29.67 | ng/ul | 0.02 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue |
|----------------------------|-------|-----|---------|-------|--------|--------|
| 45) Dimethylphthalate      | 13.62 | 163 | 1110541 | 53.19 | ng/ul  | 98     |
| 57) Diethylphthalate       | 14.99 | 149 | 68948   | 3.19  | ng/ul  | 97     |
| 70) Phenanthrene           | 16.95 | 178 | 157859  | 6.36  | ng/ul  | 97     |
| 72) Anthracene             | 17.04 | 178 | 33078   | 1.34  | ng/ul  | 96     |
| 77) Fluoranthene           | 18.98 | 202 | 252200  | 9.25  | ng/ul# | 93     |
| 80) Pyrene                 | 19.35 | 202 | 197824  | 8.07  | ng/ul# | 92     |
| 83) Benzo(a)anthracene     | 21.10 | 228 | 145137  | 6.67  | ng/ul  | 99     |
| 85) Chrysene               | 21.16 | 228 | 135659  | 6.80  | ng/ul  | 96     |
| 88) Benzo(b)fluoranthene   | 22.64 | 252 | 180344  | 7.30  | ng/ul# | 98     |
| 89) Benzo(k)fluoranthene   | 22.68 | 252 | 40956   | 1.80  | ng/ul# | 93     |
| 91) Benzo(a)pyrene         | 23.21 | 252 | 117110m | 5.30  | ng/ul  |        |
| 92) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 73346   | 2.87  | ng/ul# | 88     |
| 93) Dibenzo(a,h)anthracene | 25.49 | 278 | 26471   | 1.21  | ng/ul# | 91     |
| 94) Benzo(g,h,i)perylene   | 26.16 | 276 | 68069   | 3.26  | ng/ul# | 89     |

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

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