

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\  
 Data File : BM002157.D  
 Acq On : 31 Jul 2015 15:39  
 Operator : TP/UM  
 Sample : G3065-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C02H5

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2015 3:40:00 PM

Quant Time: Aug 01 03:07:31 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 01 02:15:30 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 75027    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 296336   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.24 | 164  | 174702   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 398716   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 485915   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.41 | 264  | 498165   | 20.00 | ng/ul | 0.01     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96   | 2749     | 1.90  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.76  | 99   | 61174    | 11.41 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67   | 36681    | 12.37 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.10  | 132  | 54560    | 12.00 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.29  | 113  | 32192    | 7.55  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.73  | 128  | 25631    | 12.17 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.45  | 143  | 27522    | 11.76 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165  | 49130    | 10.90 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.51 | 131  | 43030    | 8.69  | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.65 | 166  | 161437   | 12.62 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.93 | 160  | 177784   | 11.11 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.48 | 143  | 8151     | 3.82  | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.24 | 176  | 129299   | 11.48 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 200  | 5954     | 2.44  | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.09 | 188  | 193667   | 10.88 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.40 | 212  | 231181   | 11.30 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264  | 263844   | 10.93 | ng/ul | 0.01     |

| Target Compounds               | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|--------------------------------|-------|------|----------|------|--------|--------|
| 45) Dimethylphthalate          | 13.70 | 163  | 28809    | 2.25 | ng/ul# | 98     |
| 70) Phenanthrene               | 17.03 | 178  | 111445   | 5.40 | ng/ul  | 97     |
| 72) Anthracene                 | 17.13 | 178  | 30579m   | 1.45 | ng/ul  |        |
| 77) Fluoranthene               | 19.06 | 202  | 191355   | 8.02 | ng/ul  | 98     |
| 80) Pyrene                     | 19.43 | 202  | 166032   | 6.28 | ng/ul  | 99     |
| 83) Benzo(a)anthracene         | 21.19 | 228  | 104632   | 3.88 | ng/ul# | 91     |
| 84) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 22382    | 1.45 | ng/ul# | 81     |
| 85) Chrysene                   | 21.24 | 228  | 100780   | 4.00 | ng/ul# | 91     |
| 88) Benzo(b)fluoranthene       | 22.75 | 252  | 143876   | 5.14 | ng/ul# | 86     |
| 89) Benzo(k)fluoranthene       | 22.79 | 252  | 51402m   | 1.90 | ng/ul  |        |
| 91) Benzo(a)pyrene             | 23.31 | 252  | 100428   | 3.72 | ng/ul# | 85     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.61 | 276  | 72284    | 2.32 | ng/ul  | 97     |
| 94) Benzo(g,h,i)perylene       | 26.30 | 276  | 65569    | 2.51 | ng/ul# | 93     |

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

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