

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100215\  
 Data File : BM002837.D  
 Acq On : 02 Oct 2015 19:30  
 Operator : UM/IZ  
 Sample : G3852-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C03H4

Manual Integrations  
 APPROVED

MMDADODA  
 10/5/2015 1:23:32 PM

Quant Time: Oct 03 01:38:40 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 03 00:37:55 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.69  | 152  | 64799    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.54 | 136  | 278461   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 15.28 | 164  | 139575   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.99 | 188  | 284455   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.08 | 240  | 292941   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.67 | 264  | 290801   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.76  | 96  | 1999   | 1.43  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.81  | 99  | 39293  | 8.00  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.97  | 67  | 90294  | 32.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.20  | 132 | 126012 | 27.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.39  | 113 | 73607  | 18.18 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.88  | 128 | 70968  | 33.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.61 | 143 | 75621  | 34.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 11.16 | 165 | 117908 | 30.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.68 | 131 | 9549m  | 2.03  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.66 | 166 | 374218 | 35.64 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.99 | 160 | 490698 | 35.02 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.47 | 143 | 12882  | 6.91  | ng/ul | 0.01 |
| 58) Fluorene-d10               | 16.26 | 176 | 322403 | 34.08 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.38 | 200 | 40649  | 29.30 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 18.09 | 188 | 469733 | 34.60 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.33 | 212 | 478998 | 35.03 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.50 | 264 | 517482 | 34.79 | ng/ul | 0.00 |

## Target Compounds

|                  |       |     |        |      |       |        |
|------------------|-------|-----|--------|------|-------|--------|
| 6) Phenol        | 7.85  | 94  | 7862m  | 1.55 | ng/ul | Ovalue |
| 75) Carbazole    | 18.39 | 167 | 16695  | 1.14 | ng/ul | 97     |
| 77) Fluoranthene | 19.99 | 202 | 19182m | 1.13 | ng/ul |        |

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

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