

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM081316\  
 Data File : BM007097.D  
 Acq On : 14 Aug 2016 08:36  
 Operator : UM/SJ  
 Sample : H4387-12  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P003-SS003-1218-01

Manual Integrations  
 APPROVED

sohil  
 8/15/2016 6:55:53 PM

Quant Time: Aug 15 14:09:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 15 10:34:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 347590   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 1459000  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 851925   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.18 | 188  | 1960352  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 2407404  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.63 | 264  | 2712299  | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 40257   | 5.06  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.97  | 99  | 750367  | 26.65 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 445160  | 27.58 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 619493  | 27.62 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 554791  | 23.94 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 296484  | 27.98 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 332169  | 29.34 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165 | 616996  | 26.02 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 681365  | 24.15 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 1859218 | 26.41 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 2308560 | 27.30 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 264616  | 20.97 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.43 | 176 | 1621212 | 26.35 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 241066  | 22.25 | ng/ul | -0.01 |
| 70) Anthracene-d10             | 17.28 | 188 | 2461479 | 27.10 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.57 | 212 | 2907329 | 28.61 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.49 | 264 | 3469051 | 27.96 | ng/ul | -0.01 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue |
|----------------------------|-------|-----|---------|-------|--------|--------|
| 6) Phenol                  | 7.00  | 94  | 67271   | 2.27  | ng/ul  | 97     |
| 44) Dimethylphthalate      | 13.90 | 163 | 1869331 | 26.57 | ng/ul  | 99     |
| 47) Acenaphthylene         | 14.16 | 152 | 208117  | 2.39  | ng/ul  | 99     |
| 69) Phenanthrene           | 17.22 | 178 | 681646  | 6.47  | ng/ul  | 99     |
| 71) Anthracene             | 17.32 | 178 | 204303  | 1.89  | ng/ul  | 99     |
| 74) Fluoranthene           | 19.24 | 202 | 1126062 | 8.81  | ng/ul  | 99     |
| 77) Pyrene                 | 19.60 | 202 | 1526186 | 11.47 | ng/ul  | 98     |
| 80) Benzo(a)anthracene     | 21.34 | 228 | 810284  | 5.70  | ng/ul  | 92     |
| 82) Chrysene               | 21.40 | 228 | 911747  | 7.01  | ng/ul  | 95     |
| 85) Benzo(b)fluoranthene   | 22.95 | 252 | 942351  | 5.77  | ng/ul# | 96     |
| 86) Benzo(k)fluoranthene   | 22.99 | 252 | 304128m | 1.98  | ng/ul  |        |
| 88) Benzo(a)pyrene         | 23.53 | 252 | 829176  | 5.35  | ng/ul  | 98     |
| 89) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 511684  | 2.70  | ng/ul  | 97     |
| 91) Benzo(g,h,i)perylene   | 26.63 | 276 | 534154  | 3.33  | ng/ul  | 98     |

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

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