

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062317\  
 Data File : BM010709.D  
 Acq On : 24 Jun 2017 02:38  
 Operator : SJ/JU  
 Sample : I3625-13ME 20X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F5C80ME

Quant Time: Jun 24 06:00:19 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jun 24 04:37:39 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 70840    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 332273   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.11 | 164  | 235506   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.87 | 188  | 561531   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.08 | 240  | 589761   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.22 | 264  | 426862   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0     | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 6.65  | 99  | 5186  | 0.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.81  | 67  | 3513  | 0.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 4692  | 0.99 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 5291  | 0.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 2736  | 1.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 2199  | 0.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 5088  | 0.88 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 6585  | 1.09 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.53 | 166 | 21114 | 1.02 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.80 | 160 | 22489 | 0.94 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 2373  | 0.65 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.12 | 176 | 20210 | 1.13 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 2314  | 0.67 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.96 | 188 | 30775 | 1.13 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.27 | 212 | 34928 | 1.27 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.08 | 264 | 20501 | 0.99 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |         |        | Qvalue |    |
|--------------------------|-------|-----|---------|--------|--------|----|
| 28) Naphthalene          | 10.27 | 128 | 1176511 | 71.151 | ng/ul  | 99 |
| 34) 2-Methylnaphthalene  | 11.89 | 142 | 220027  | 16.553 | ng/ul  | 96 |
| 40) 1,1'-Biphenyl        | 12.93 | 154 | 59396   | 3.226  | ng/ul  | 96 |
| 49) Acenaphthene         | 14.17 | 153 | 190761  | 12.347 | ng/ul  | 98 |
| 53) Dibenzofuran         | 14.52 | 168 | 235040  | 10.045 | ng/ul  | 91 |
| 58) Fluorene             | 15.17 | 166 | 236647  | 12.080 | ng/ul  | 99 |
| 69) Phenanthrene         | 16.91 | 178 | 1085786 | 36.371 | ng/ul  | 99 |
| 71) Anthracene           | 17.00 | 178 | 150472  | 4.892  | ng/ul  | 97 |
| 72) Carbazole            | 17.27 | 167 | 93987   | 3.503  | ng/ul# | 95 |
| 74) Fluoranthene         | 18.94 | 202 | 680001  | 17.675 | ng/ul  | 99 |
| 77) Pyrene               | 19.30 | 202 | 454452  | 13.341 | ng/ul  | 99 |
| 80) Benzo(a)anthracene   | 21.07 | 228 | 130310  | 3.794  | ng/ul  | 98 |
| 82) Chrysene             | 21.11 | 228 | 100939  | 3.296  | ng/ul  | 96 |
| 85) Benzo(b)fluoranthene | 22.59 | 252 | 56237   | 2.030  | ng/ul# | 99 |
| 88) Benzo(a)pyrene       | 23.12 | 252 | 32481   | 1.273  | ng/ul# | 92 |

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

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