

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031516\  
 Data File : BM004621.D  
 Acq On : 16 Mar 2016 05:48  
 Operator : UM/SJ  
 Sample : H1778-01 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

Quant Time: Mar 16 09:15:46 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 16 07:32:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 62463    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 264791   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.47 | 164  | 144730   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.22 | 188  | 322511   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.40 | 240  | 377179   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.70 | 264  | 376536   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.34  | 96  | 1131  | 0.62 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 18486 | 3.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 12315 | 4.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 15617 | 3.78 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.54  | 113 | 14083 | 3.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 5740  | 3.12 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 5755  | 2.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165 | 13188 | 3.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 17653 | 3.78 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.89 | 166 | 42760 | 3.78 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.17 | 160 | 50511 | 3.64 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.66 | 143 | 2629  | 1.20 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.47 | 176 | 42044 | 4.26 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 1878  | 1.11 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.32 | 188 | 61237 | 4.12 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.61 | 212 | 74392 | 4.32 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.55 | 264 | 81156 | 4.83 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |       |      |        | Ovalue |
|----------------------------|-------|-----|-------|------|--------|--------|
| 45) Dimethylphthalate      | 13.93 | 163 | 13504 | 1.18 | ng/ul# | 98     |
| 70) Phenanthrene           | 17.26 | 178 | 25506 | 1.38 | ng/ul  | 96     |
| 77) Fluoranthene           | 19.27 | 202 | 51437 | 2.53 | ng/ul  | 97     |
| 80) Pyrene                 | 19.64 | 202 | 54329 | 2.38 | ng/ul  | 98     |
| 83) Benzo(a)anthracene     | 21.39 | 228 | 35731 | 1.62 | ng/ul  | 99     |
| 85) Chrysene               | 21.44 | 228 | 44954 | 2.14 | ng/ul  | 99     |
| 88) Benzo(b)fluoranthene   | 23.01 | 252 | 64362 | 2.87 | ng/ul  | 96     |
| 89) Benzo(k)fluoranthene   | 23.01 | 252 | 64362 | 3.01 | ng/ul# | 96     |
| 91) Benzo(a)pyrene         | 23.60 | 252 | 40587 | 1.89 | ng/ul  | 98     |
| 92) Indeno(1,2,3-cd)pyrene | 26.03 | 276 | 25809 | 1.07 | ng/ul# | 92     |
| 94) Benzo(g,h,i)perylene   | 26.74 | 276 | 23184 | 1.13 | ng/ul  | 96     |

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

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