

Data File : BM017504.D  
Acq On : 02 Nov 2018 23:38  
Operator : MJ/SJ  
Sample : J5702-25MS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Nov 03 04:30:09 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 03 03:58:03 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 173538   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 681746   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 308892   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 549077   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.22 | 240  | 384604   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.42 | 264  | 349632   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96  | 22926   | 6.08  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.81  | 99  | 488590  | 30.82 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 284074  | 30.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 394202  | 32.07 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 346860  | 27.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 176647  | 33.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 192026  | 32.13 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 334219  | 30.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 312978  | 34.54 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 777002  | 29.33 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 1066795 | 33.17 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 104017  | 21.02 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 680300  | 29.57 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 90281   | 23.60 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.12 | 188 | 865590  | 31.85 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 804537  | 45.15 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.28 | 264 | 612507  | 33.17 | ng/ul | 0.00 |

#### Target Compounds

|                                |       |     |         |               | Qvalue |
|--------------------------------|-------|-----|---------|---------------|--------|
| 6) Phenol                      | 6.84  | 94  | 583652  | 37.080 ng/ul  | 99     |
| 10) 2-Chlorophenol             | 7.20  | 128 | 377048  | 30.540 ng/ul  | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.43  | 70  | 264564  | 27.889 ng/ul  | 97     |
| 33) 4-Chloro-3-methylphenol    | 11.70 | 107 | 312474  | 26.724 ng/ul  | 95     |
| 45) Dimethylphthalate          | 13.74 | 163 | 148432  | 5.784 ng/ul   | 99     |
| 50) Acenaphthene               | 14.34 | 153 | 750550  | 34.726 ng/ul  | 98     |
| 53) 4-Nitrophenol              | 14.51 | 109 | 88621   | 23.618 ng/ul  | 92     |
| 55) 2,4-Dinitrotoluene         | 14.66 | 165 | 199232  | 25.927 ng/ul  | 94     |
| 59) Fluorene                   | 15.33 | 166 | 58544   | 2.320 ng/ul   | 98     |
| 69) Pentachlorophenol          | 16.68 | 266 | 92394   | 21.268 ng/ul  | 97     |
| 70) Phenanthrene               | 17.07 | 178 | 680363  | 21.578 ng/ul  | 100    |
| 72) Anthracene                 | 17.16 | 178 | 167555  | 5.232 ng/ul   | 98     |
| 75) Carbazole                  | 17.44 | 167 | 73451   | 2.623 ng/ul   | 98     |
| 77) Fluoranthene               | 19.09 | 202 | 757229  | 20.952 ng/ul  | 100    |
| 80) Pyrene                     | 19.46 | 202 | 1656648 | 74.177 ng/ul  | 99     |
| 83) Benzo(a)anthracene         | 21.21 | 228 | 283363  | 12.040 ng/ul  | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 17881   | 1.372 ng/ul#  | 97     |
| 85) Chrysene                   | 21.26 | 228 | 294034  | 13.138 ng/ul  | 99     |
| 88) Benzo(b)fluoranthene       | 22.77 | 252 | 239439  | 11.699 ng/ul# | 95     |
| 89) Benzo(k)fluoranthene       | 22.80 | 252 | 101422m | 5.073 ng/ul   |        |
| 91) Benzo(a)pyrene             | 23.33 | 252 | 181694  | 9.087 ng/ul   | 97     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.61 | 276 | 96452   | 3.965 ng/ul   | 99     |
| 93) Dibenzo(a,h)anthracene     | 25.62 | 278 | 32195   | 1.585 ng/ul#  | 94     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM110218\  
Quantitation Report (QT Reviewed)

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|--------------------------|-------|------|----------|-------|-------|----------|
| 94) Benzo(g,h,i)perylene | 26.29 | 276  | 80977    | 3.918 | ng/ul | 97       |

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

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