

Data File : BM023877.D  
Acq On : 23 Nov 2019 03:21  
Operator : JU  
Sample : K5854-12  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Nov 23 06:00:58 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 23 05:21:37 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 388474   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.28 | 136  | 1554596  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.17 | 164  | 950832   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.92 | 188  | 1950406  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 1903653  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 2387972  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 28897   | 3.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.70  | 99  | 576966  | 16.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 344584  | 16.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 477463  | 18.61 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.23  | 113 | 382709  | 13.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.66  | 128 | 230942  | 20.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.38  | 143 | 264386  | 22.60 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 463367  | 17.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.43 | 131 | 429736  | 14.67 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.59 | 166 | 1467511 | 19.79 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.86 | 160 | 1800917 | 21.28 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 121248  | 9.58  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.17 | 176 | 1328749 | 20.29 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200 | 50511   | 4.48  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.02 | 188 | 2013993 | 21.77 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.33 | 212 | 2197596 | 22.14 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.15 | 264 | 2766161 | 22.01 | ng/ul | 0.00 |

Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 4) Benzaldehyde                | 6.66  | 77  | 71917   | 3.462  | ng/ul# 49 |
| 6) Phenol                      | 6.73  | 94  | 155993  | 4.276  | ng/ul 96  |
| 14) Acetophenone               | 8.33  | 105 | 88335   | 2.005  | ng/ul 97  |
| 28) Naphthalene                | 10.33 | 128 | 141261  | 1.729  | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 11.96 | 142 | 129929  | 2.079  | ng/ul 97  |
| 45) Dimethylphthalate          | 13.63 | 163 | 3897504 | 53.637 | ng/ul 99  |
| 70) Phenanthrene               | 16.96 | 178 | 1014201 | 9.440  | ng/ul 100 |
| 72) Anthracene                 | 17.06 | 178 | 227946  | 2.110  | ng/ul 98  |
| 75) Carbazole                  | 17.33 | 167 | 115840  | 1.286  | ng/ul 94  |
| 76) Di-n-butylphthalate        | 17.91 | 149 | 125162  | 1.260  | ng/ul# 92 |
| 77) Fluoranthene               | 18.99 | 202 | 1600641 | 13.907 | ng/ul 96  |
| 80) Pyrene                     | 19.36 | 202 | 1485756 | 12.075 | ng/ul 98  |
| 81) Butylbenzylphthalate       | 20.27 | 149 | 156745  | 4.022  | ng/ul 89  |
| 83) Benzo(a)anthracene         | 21.11 | 228 | 725419  | 5.777  | ng/ul 96  |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 2502329 | 42.526 | ng/ul 98  |
| 85) Chrysene                   | 21.16 | 228 | 766548m | 6.484  | ng/ul     |
| 87) Di-n-octyl phthalate       | 21.93 | 149 | 147575  | 1.264  | ng/ul 100 |
| 88) Benzo(b)fluoranthene       | 22.64 | 252 | 1157706 | 7.605  | ng/ul# 88 |
| 89) Benzo(k)fluoranthene       | 22.69 | 252 | 332998m | 2.271  | ng/ul     |
| 91) Benzo(a)pyrene             | 23.19 | 252 | 745470  | 5.349  | ng/ul# 86 |
| 92) Indeno(1,2,3-cd)pyrene     | 25.43 | 276 | 532760  | 3.575  | ng/ul 98  |
| 93) Dibenzo(a,h)anthracene     | 25.42 | 278 | 150880  | 1.200  | ng/ul# 61 |
| 94) Benzo(g,h,i)perylene       | 26.07 | 276 | 534921  | 4.430  | ng/ul# 94 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM112219\  
Quantitation Report (QT Reviewed)

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|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
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| ----- |  |  |  |  |  |  |

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

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