

Data File : BP001910.D  
Acq On : 25 Feb 2020 22:11  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

Quant Time: Feb 26 05:50:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 26 04:37:11 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 360819   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 1550298  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 1020155  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 2388721  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 2520327  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.34 | 264  | 2638472  | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 64893   | 7.47  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 594556  | 21.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 320001  | 20.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 513788  | 23.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 505021  | 23.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 251261  | 23.94 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.51  | 143 | 274346  | 28.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 556156  | 24.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 634240  | 23.76 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 1637231 | 22.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 2033990 | 23.07 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 316252  | 25.37 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 1472878 | 22.88 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 230367  | 24.46 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 2312084 | 21.97 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.38 | 212 | 2728683 | 21.10 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.20 | 264 | 2935273 | 23.03 | ng/ul | 0.00 |

#### Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 69377   | 7.446  | ng/uL 96  |
| 4) Benzaldehyde                | 6.79  | 77  | 380964  | 22.827 | ng/ul 97  |
| 6) Phenol                      | 6.85  | 94  | 621603  | 21.515 | ng/ul 97  |
| 8) Bis(2-Chloroethyl)ether     | 7.08  | 93  | 491768  | 21.107 | ng/ul 96  |
| 10) 2-Chlorophenol             | 7.22  | 128 | 534510  | 22.933 | ng/ul 97  |
| 11) 2-Methylphenol             | 8.09  | 108 | 493471  | 22.560 | ng/ul 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18  | 45  | 539869  | 19.448 | ng/ul 98  |
| 14) Acetophenone               | 8.46  | 105 | 756406  | 22.636 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.46  | 70  | 350136  | 22.599 | ng/ul 97  |
| 16) 4-Methylphenol             | 8.42  | 108 | 544499  | 23.119 | ng/ul 99  |
| 17) Hexachloroethane           | 8.72  | 117 | 204056  | 22.009 | ng/ul 96  |
| 20) Nitrobenzene               | 8.83  | 77  | 565023  | 21.720 | ng/ul 95  |
| 21) Isophorone                 | 9.36  | 82  | 1071187 | 22.403 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.54  | 139 | 305431  | 26.857 | ng/ul 96  |
| 24) 2,4-Dimethylphenol         | 9.62  | 107 | 582601  | 22.810 | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 9.85  | 93  | 681787  | 21.071 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.08 | 162 | 552237  | 23.841 | ng/ul 99  |
| 28) Naphthalene                | 10.48 | 128 | 1779639 | 21.481 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.58 | 127 | 635655  | 23.562 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.78 | 225 | 367913  | 22.462 | ng/ul 99  |
| 32) Caprolactam                | 11.32 | 113 | 177063m | 25.301 | ng/ul     |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 555689  | 25.195 | ng/ul 100 |
| 34) 2-Methylnaphthalene        | 12.09 | 142 | 1284196 | 22.487 | ng/ul 99  |

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 26 04:37:11 2020  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.31 | 142  | 1262790  | 22.437 | ng/ul | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216  | 719840   | 21.663 | ng/ul | 98       |
| 38) Hexachlorocyclopentadiene  | 12.46 | 237  | 357916   | 19.941 | ng/ul | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.71 | 196  | 463212   | 26.081 | ng/ul | 99       |
| 40) 2,4,5-Trichlorophenol      | 12.78 | 196  | 506025   | 25.879 | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.12 | 154  | 1697924  | 21.349 | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.15 | 162  | 1354738  | 21.574 | ng/ul | 100      |
| 43) 2-Nitroaniline             | 13.35 | 65   | 318735   | 25.286 | ng/ul | 92       |
| 45) Dimethylphthalate          | 13.75 | 163  | 1697350  | 22.526 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.86 | 165  | 356859   | 27.176 | ng/ul | 93       |
| 48) Acenaphthylene             | 14.00 | 152  | 2131009  | 22.283 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.19 | 138  | 342612   | 25.627 | ng/ul | 93       |
| 50) Acenaphthene               | 14.35 | 153  | 1414135  | 21.640 | ng/ul | 100      |
| 51) 2,4-Dinitrophenol          | 14.39 | 184  | 135659   | 24.895 | ng/ul | 96       |
| 53) 4-Nitrophenol              | 14.50 | 109  | 226824   | 24.576 | ng/ul | 93       |
| 54) Dibenzofuran               | 14.69 | 168  | 2040325  | 22.169 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.65 | 165  | 520230   | 26.907 | ng/ul | 90       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 451244   | 28.553 | ng/ul | 98       |
| 57) Diethylphthalate           | 15.13 | 149  | 1689488  | 23.450 | ng/ul | 98       |
| 59) Fluorene                   | 15.34 | 166  | 1625655  | 22.204 | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.34 | 204  | 846786   | 22.287 | ng/ul | 99       |
| 61) 4-Nitroaniline             | 15.35 | 138  | 386230   | 25.587 | ng/ul | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 255379   | 24.315 | ng/ul | 96       |
| 65) N-Nitrosodiphenylamine     | 15.55 | 169  | 1429040  | 20.866 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.24 | 248  | 573094   | 21.858 | ng/ul | 97       |
| 67) Hexachlorobenzene          | 16.35 | 284  | 647608   | 21.404 | ng/ul | 97       |
| 68) Atrazine                   | 16.52 | 200  | 567423   | 22.980 | ng/ul | 98       |
| 69) Pentachlorophenol          | 16.69 | 266  | 378680   | 25.851 | ng/ul | 99       |
| 70) Phenanthrene               | 17.08 | 178  | 2802579  | 21.275 | ng/ul | 100      |
| 72) Anthracene                 | 17.17 | 178  | 2795638  | 21.484 | ng/ul | 100      |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.08 | 216  | 786838   | 20.093 | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.62 | 250  | 793958   | 20.801 | ng/uL | 98       |
| 75) Carbazole                  | 17.44 | 167  | 2521949  | 23.240 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.02 | 149  | 2953656  | 24.733 | ng/ul | 100      |
| 77) Fluoranthene               | 19.06 | 202  | 3505884  | 24.853 | ng/ul | 98       |
| 80) Pyrene                     | 19.41 | 202  | 3546219  | 20.686 | ng/ul | 98       |
| 81) Butylbenzylphthalate       | 20.30 | 149  | 1409780  | 26.489 | ng/ul | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.05 | 252  | 1199260  | 22.003 | ng/ul | 100      |
| 83) Benzo(a)anthracene         | 21.12 | 228  | 3557788  | 21.436 | ng/ul | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 2097266  | 23.784 | ng/ul | 98       |
| 85) Chrysene                   | 21.17 | 228  | 3308745  | 20.406 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 21.94 | 149  | 3642917  | 27.569 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.68 | 252  | 3750898  | 24.160 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.73 | 252  | 3526519  | 21.914 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.24 | 252  | 3251717  | 22.349 | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.58 | 276  | 3776448  | 20.779 | ng/ul | 98       |
| 93) Dibenzo(a,h)anthracene     | 25.59 | 278  | 3168329  | 20.756 | ng/ul | 97       |
| 94) Benzo(g,h,i)perylene       | 26.26 | 276  | 3121298  | 20.202 | ng/ul | 98       |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP022420\  
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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