



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022720\  
 Data File : BP001935.D  
 Acq On : 27 Feb 2020 12:06  
 Operator : CG/JU  
 Sample : SST01080  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST01080

Quant Time: Feb 27 13:30:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 27 13:27:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 271357   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 1088868  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.28 | 164  | 702603   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 1552031  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 1598776  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.33 | 264  | 1842801  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 24617  | 3.77  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 193151 | 9.42  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 106847 | 8.97  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 172216 | 10.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 159202 | 9.79  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 78858  | 10.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 86690  | 13.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 173492 | 10.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 183117 | 9.77  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 517148 | 10.49 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 619058 | 10.20 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 93978  | 10.95 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 454474 | 10.25 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 73638  | 12.03 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.13 | 188 | 701252 | 10.26 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.37 | 212 | 819135 | 9.98  | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 914845 | 10.28 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 25787  | 3.680  | ng/uL 97  |
| 4) Benzaldehyde                | 6.79  | 77  | 125749 | 10.019 | ng/ul 96  |
| 6) Phenol                      | 6.85  | 94  | 206577 | 9.507  | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 7.08  | 93  | 166483 | 9.501  | ng/ul 98  |
| 10) 2-Chlorophenol             | 7.21  | 128 | 177300 | 10.115 | ng/ul 99  |
| 11) 2-Methylphenol             | 8.09  | 108 | 159291 | 9.683  | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18  | 45  | 175504 | 8.407  | ng/ul 99  |
| 14) Acetophenone               | 8.45  | 105 | 250281 | 9.959  | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 116292 | 9.981  | ng/ul 98  |
| 16) 4-Methylphenol             | 8.41  | 108 | 173223 | 9.780  | ng/ul 100 |
| 17) Hexachloroethane           | 8.72  | 117 | 69836  | 10.015 | ng/ul 97  |
| 20) Nitrobenzene               | 8.83  | 77  | 179077 | 9.801  | ng/ul 99  |
| 21) Isophorone                 | 9.35  | 82  | 342306 | 10.193 | ng/ul 97  |
| 23) 2-Nitrophenol              | 9.53  | 139 | 95696  | 11.981 | ng/ul 99  |
| 24) 2,4-Dimethylphenol         | 9.60  | 107 | 183251 | 10.215 | ng/ul 98  |
| 25) Bis(2-Chloroethoxy)methane | 9.84  | 93  | 218774 | 9.626  | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.07 | 162 | 174205 | 10.708 | ng/ul 99  |
| 28) Naphthalene                | 10.46 | 128 | 573133 | 9.850  | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.57 | 127 | 183519 | 9.685  | ng/ul 97  |
| 31) Hexachlorobutadiene        | 10.77 | 225 | 121141 | 10.530 | ng/ul 99  |
| 32) Caprolactam                | 11.31 | 113 | 54325  | 11.052 | ng/ul 90  |
| 33) 4-Chloro-3-methylphenol    | 11.70 | 107 | 170738 | 11.022 | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.08 | 142 | 401022 | 9.998  | ng/ul 100 |

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|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.30 | 142  | 398015   | 10.069 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216  | 227755   | 9.952  | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.45 | 237  | 117293   | 9.489  | ng/ul | 97       |
| 39) 2,4,6-Trichlorophenol      | 12.70 | 196  | 145230   | 11.873 | ng/ul | 98       |
| 40) 2,4,5-Trichlorophenol      | 12.77 | 196  | 153653   | 11.409 | ng/ul | 98       |
| 41) 1,1'-Biphenyl              | 13.11 | 154  | 542543   | 9.905  | ng/ul | 99       |
| 42) 2-Chloronaphthalene        | 13.15 | 162  | 424645   | 9.819  | ng/ul | 100      |
| 43) 2-Nitroaniline             | 13.35 | 65   | 95578    | 11.010 | ng/ul | 98       |
| 45) Dimethylphthalate          | 13.74 | 163  | 537650   | 10.360 | ng/ul | 99       |
| 46) 2,6-Dinitrotoluene         | 13.85 | 165  | 100928   | 11.160 | ng/ul | 99       |
| 48) Acenaphthylene             | 13.99 | 152  | 665059   | 10.097 | ng/ul | 100      |
| 49) 3-Nitroaniline             | 14.17 | 138  | 92871    | 10.086 | ng/ul | 99       |
| 50) Acenaphthene               | 14.34 | 153  | 448534   | 9.966  | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.39 | 184  | 48044    | 12.802 | ng/ul | 97       |
| 53) 4-Nitrophenol              | 14.49 | 109  | 68768    | 10.818 | ng/ul | 100      |
| 54) Dibenzofuran               | 14.68 | 168  | 642093   | 10.130 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.64 | 165  | 149247   | 11.208 | ng/ul | 94       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.91 | 232  | 142444   | 13.087 | ng/ul | 98       |
| 57) Diethylphthalate           | 15.12 | 149  | 530094   | 10.683 | ng/ul | 100      |
| 59) Fluorene                   | 15.33 | 166  | 523557   | 10.383 | ng/ul | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204  | 276996   | 10.585 | ng/ul | 97       |
| 61) 4-Nitroaniline             | 15.34 | 138  | 98919    | 9.515  | ng/ul | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 83649    | 12.258 | ng/ul | 98       |
| 65) N-Nitrosodiphenylamine     | 15.55 | 169  | 449414   | 10.100 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.23 | 248  | 174239   | 10.228 | ng/ul | 96       |
| 67) Hexachlorobenzene          | 16.35 | 284  | 200642   | 10.206 | ng/ul | 99       |
| 68) Atrazine                   | 16.50 | 200  | 173160   | 10.794 | ng/ul | 99       |
| 69) Pentachlorophenol          | 16.69 | 266  | 116767   | 12.268 | ng/ul | 100      |
| 70) Phenanthrene               | 17.07 | 178  | 855832   | 9.999  | ng/ul | 99       |
| 72) Anthracene                 | 17.16 | 178  | 863173   | 10.209 | ng/ul | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 245713   | 9.657  | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.60 | 250  | 244989   | 9.879  | ng/uL | 98       |
| 75) Carbazole                  | 17.43 | 167  | 759764   | 10.775 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.02 | 149  | 906103   | 11.678 | ng/ul | 100      |
| 77) Fluoranthene               | 19.05 | 202  | 1060230  | 11.568 | ng/ul | 99       |
| 80) Pvrene                     | 19.40 | 202  | 1102029  | 10.134 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.29 | 149  | 413293   | 12.242 | ng/ul | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.05 | 252  | 306161   | 8.855  | ng/ul | 97       |
| 83) Benzo(a)anthracene         | 21.11 | 228  | 1088023  | 10.334 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 628708   | 11.240 | ng/ul | 100      |
| 85) Chrysene                   | 21.16 | 228  | 1063020  | 10.335 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 21.93 | 149  | 1054488  | 11.426 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.67 | 252  | 1113301  | 10.267 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.72 | 252  | 1155521  | 10.281 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.24 | 252  | 1050047  | 10.333 | ng/ul | 100      |
| 92) Indeno(1,2,3-cd)pyrene     | 25.56 | 276  | 1310865  | 10.327 | ng/ul | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.58 | 278  | 1102471  | 10.341 | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 26.24 | 276  | 1096876  | 10.165 | ng/ul | 98       |

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