

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080921\  
 Data File : BP006605.D  
 Acq On : 09 Aug 2021 09:44  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020674

Quant Time: Aug 09 11:16:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 07 13:59:25 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.751  | 152  | 170128   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.534 | 136  | 767141   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.380 | 164  | 446561   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.133 | 188  | 884203   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.233 | 240  | 824873   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.562 | 264  | 874174   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 33268    | 7.299  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 245705   | 18.160 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.934  | 99   | 283912   | 17.769 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.093  | 67   | 182000   | 18.307 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.287  | 132  | 225279   | 18.978 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.463  | 113  | 226768   | 18.047 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.904  | 128  | 111473   | 19.515 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.622  | 143  | 116800   | 21.415 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.163 | 165  | 198502   | 18.573 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.681 | 131  | 316616   | 17.994 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.798 | 166  | 591134   | 18.599 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.075 | 160  | 725446   | 18.578 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.598 | 143  | 110407   | 17.495 | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.374 | 176  | 494674   | 18.514 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200  | 77246    | 15.671 | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.233 | 188  | 741589   | 18.580 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.480 | 212  | 790756   | 18.638 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.409 | 264  | 835458   | 18.807 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 35414    | 7.360  | ng/uL  | 95       |
| 5) Pyridine                   | 3.693  | 79   | 252155   | 17.870 | ng/u1  | 97       |
| 6) Benzaldehyde               | 6.904  | 77   | 136337   | 15.639 | ng/u1  | 97       |
| 8) Phenol                     | 6.957  | 94   | 293662   | 17.980 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.187  | 93   | 239319   | 18.628 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.316  | 128  | 228538   | 18.990 | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.198  | 108  | 221430   | 18.579 | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.287  | 45   | 286027   | 19.929 | ng/u1  | 99       |
| 16) Acetophenone              | 8.575  | 105  | 366235   | 18.954 | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.563  | 70   | 201041   | 19.888 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.528  | 108  | 238554   | 18.640 | ng/u1  | 100      |
| 19) Hexachloroethane          | 8.816  | 117  | 102005   | 20.721 | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.951  | 77   | 306811   | 20.702 | ng/u1  | 98       |
| 23) Isophorone                | 9.475  | 82   | 561378   | 21.189 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.657  | 139  | 124625   | 20.721 | ng/u1  | 97       |
| 26) 2,4-Dimethylphenol        | 9.722  | 107  | 267345   | 18.743 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.963  | 93   | 326701   | 19.202 | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.187 | 162  | 194608   | 18.559 | ng/u1  | 99       |
| 30) Naphthalene               | 10.587 | 128  | 765971   | 19.245 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.704 | 127  | 306123   | 17.661 | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.869 | 225  | 120701   | 18.868 | ng/u1  | 98       |
| 34) Caprolactam               | 11.486 | 113  | 75137    | 20.752 | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.834 | 107  | 246813   | 19.717 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.198 | 142  | 505392   | 18.531 | ng/u1  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.416 | 142  | 487683   | 17.765 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 215758   | 17.929 | ng/ul | 97       |
| 40) Hexachlorocyclopentadiene | 12.539 | 237  | 117954   | 15.067 | ng/ul | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.816 | 196  | 143236   | 19.208 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.886 | 196  | 152597   | 18.703 | ng/ul | 98       |
| 43) 1,1'-Biphenyl             | 13.216 | 154  | 620100   | 18.524 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.251 | 162  | 482831   | 19.104 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.469 | 65   | 165375   | 22.150 | ng/ul | 95       |
| 47) Dimethylphthalate         | 13.851 | 163  | 610727   | 19.576 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.969 | 165  | 118506   | 20.778 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.098 | 152  | 758492   | 19.947 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.298 | 138  | 109942   | 16.452 | ng/ul | 94       |
| 52) Acenaphthene              | 14.445 | 153  | 535036   | 19.177 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.510 | 184  | 66107    | 19.543 | ng/ul | 94       |
| 55) 4-Nitrophenol             | 14.610 | 109  | 101014   | 19.789 | ng/ul | 96       |
| 56) Dibenzofuran              | 14.780 | 168  | 706556   | 18.884 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.757 | 165  | 174804   | 21.447 | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.010 | 232  | 128898   | 20.258 | ng/ul | 96       |
| 59) Diethylphthalate          | 15.216 | 149  | 641682   | 19.858 | ng/ul | 99       |
| 61) Fluorene                  | 15.433 | 166  | 591815   | 19.229 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.433 | 204  | 271964   | 18.954 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.463 | 138  | 119404   | 18.192 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.522 | 198  | 85414    | 17.726 | ng/ul | 90       |
| 67) N-Nitrosodiphenylamine    | 15.651 | 169  | 485473   | 18.482 | ng/ul | 98       |
| 68) 4-Bromophenyl-phenylether | 16.327 | 248  | 158803   | 22.426 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.433 | 284  | 181712   | 19.135 | ng/ul | 99       |
| 70) Atrazine                  | 16.610 | 200  | 168833   | 18.573 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.786 | 266  | 116076   | 19.443 | ng/ul | 99       |
| 72) Phenanthrene              | 17.174 | 178  | 917460   | 19.323 | ng/ul | 100      |
| 74) Anthracene                | 17.269 | 178  | 936436   | 19.451 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.175 | 216  | 214317   | 17.683 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.698 | 250  | 212042   | 17.946 | ng/uL | 98       |
| 77) Carbazole                 | 17.545 | 167  | 836621   | 18.998 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.110 | 149  | 1098929  | 20.879 | ng/ul | 100      |
| 80) Fluoranthene              | 19.151 | 202  | 1041676  | 19.925 | ng/ul | 100      |
| 82) Pyrene                    | 19.504 | 202  | 1071443  | 19.751 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.392 | 149  | 510028   | 22.914 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.157 | 252  | 297975   | 16.395 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.221 | 228  | 989429   | 19.358 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.157 | 149  | 765688   | 21.971 | ng/ul | 99       |
| 87) Chrysene                  | 21.268 | 228  | 959668   | 19.588 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.062 | 149  | 1322722  | 21.713 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.856 | 252  | 996158   | 17.941 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 22.898 | 252  | 1017644  | 19.311 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.462 | 252  | 933819   | 19.240 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.968 | 276  | 1196944  | 19.266 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 25.986 | 278  | 1013075  | 19.253 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 26.703 | 276  | 998725   | 19.457 | ng/ul | 99       |

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

