

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102521\  
 Data File : BP007645.D  
 Acq On : 25 Oct 2021 17:07  
 Operator : CG/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SICV635

Quant Time: Oct 25 18:14:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP102521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 25 16:57:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 212470   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.746 | 136  | 855265   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.581 | 164  | 564101   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.339 | 188  | 1221543  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.427 | 240  | 1318024  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.874 | 264  | 1440965  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.370  | 96   | 32257    | 6.897  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.787  | 84   | 242847   | 17.169 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.105  | 99   | 261651   | 16.213 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.269  | 67   | 146094   | 16.305 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.475  | 132  | 214423   | 17.083 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.652  | 113  | 206747   | 16.361 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.099  | 128  | 98440    | 16.890 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.828  | 143  | 108970   | 17.118 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.369 | 165  | 218210   | 16.841 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.881 | 131  | 281682   | 16.441 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.992 | 166  | 623934   | 16.329 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.275 | 160  | 766832   | 16.374 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.775 | 143  | 111747   | 15.954 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.575 | 176  | 525232   | 16.305 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 200  | 99362    | 15.207 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.439 | 188  | 835040   | 16.634 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.669 | 212  | 1009175  | 16.446 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.715 | 264  | 1160863  | 16.399 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.405  | 88   | 37022    | 7.080  | ng/uL  | 90       |
| 5) Pyridine                   | 3.805  | 79   | 239412   | 17.280 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.075  | 77   | 172267   | 22.204 | ng/u1  | 99       |
| 8) Phenol                     | 7.134  | 94   | 267635   | 16.414 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.363  | 93   | 209926   | 16.331 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.505  | 128  | 217132   | 17.064 | ng/u1  | 96       |
| 13) 2-Methylphenol            | 8.387  | 108  | 200252   | 16.258 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.481  | 45   | 240659   | 16.483 | ng/u1  | 96       |
| 16) Acetophenone              | 8.763  | 105  | 321346   | 17.038 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.752  | 70   | 155061   | 17.286 | ng/u1  | 95       |
| 18) 4-Methylphenol            | 8.716  | 108  | 218848   | 16.662 | ng/u1  | 99       |
| 19) Hexachloroethane          | 9.028  | 117  | 86930    | 16.693 | ng/u1  | 90       |
| 22) Nitrobenzene              | 9.140  | 77   | 231765   | 16.852 | ng/u1  | 98       |
| 23) Isophorone                | 9.675  | 82   | 445433   | 16.931 | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.857  | 139  | 116736   | 17.038 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.922  | 107  | 244843   | 16.784 | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.157 | 93   | 276484   | 16.394 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.393 | 162  | 212351   | 16.728 | ng/u1  | 98       |
| 30) Naphthalene               | 10.799 | 128  | 656560   | 16.261 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.904 | 127  | 283809   | 16.274 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.093 | 225  | 151495   | 16.369 | ng/u1  | 98       |
| 34) Caprolactam               | 11.675 | 113  | 65531    | 15.744 | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 12.034 | 107  | 223673   | 17.019 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.410 | 142  | 461407   | 16.622 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.628 | 142  | 468654   | 16.720 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.775 | 216  | 282635   | 16.518 | ng/ul# | 96       |
| 40) Hexachlorocyclopentadiene | 12.763 | 237  | 163683   | 14.751 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.016 | 196  | 174939   | 16.249 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.087 | 196  | 186969   | 16.129 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl             | 13.416 | 154  | 629799   | 16.161 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.457 | 162  | 486334   | 16.104 | ng/ul  | 100      |
| 45) 2-Nitroaniline            | 13.657 | 65   | 128536   | 16.871 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 14.040 | 163  | 626657   | 16.592 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.151 | 165  | 122369   | 16.963 | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.304 | 152  | 771387   | 16.268 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.481 | 138  | 131538   | 17.193 | ng/ul# | 92       |
| 52) Acenaphthene              | 14.645 | 153  | 501525   | 16.038 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.687 | 184  | 63099    | 14.014 | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 14.792 | 109  | 98941    | 15.978 | ng/ul  | 94       |
| 56) Dibenzofuran              | 14.981 | 168  | 751426   | 16.437 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.939 | 165  | 179301   | 17.307 | ng/ul  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.210 | 232  | 158639   | 16.789 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.410 | 149  | 619444   | 16.723 | ng/ul  | 98       |
| 61) Fluorene                  | 15.634 | 166  | 582829   | 16.356 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.628 | 204  | 310620   | 16.438 | ng/ul  | 100      |
| 63) 4-Nitroaniline            | 15.645 | 138  | 129065   | 18.170 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.710 | 198  | 101630   | 15.452 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.839 | 169  | 525004   | 16.659 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.528 | 248  | 196303   | 16.481 | ng/ul  | 93       |
| 69) Hexachlorobenzene         | 16.645 | 284  | 226362   | 16.412 | ng/ul  | 96       |
| 70) Atrazine                  | 16.798 | 200  | 210792   | 16.131 | ng/ul  | 100      |
| 71) Pentachlorophenol         | 16.986 | 266  | 126998   | 14.826 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.381 | 178  | 963927   | 16.326 | ng/ul  | 99       |
| 74) Anthracene                | 17.475 | 178  | 971970   | 16.551 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.381 | 216  | 292303   | 16.367 | ng/ul  | 99       |
| 76) Pentachlorobenzene        | 14.904 | 250  | 283689   | 16.473 | ng/ul  | 98       |
| 77) Carbazole                 | 17.739 | 167  | 889760   | 16.412 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.298 | 149  | 1046753  | 16.864 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202  | 1225270  | 16.293 | ng/ul  | 98       |
| 82) Pyrene                    | 19.698 | 202  | 1248014  | 16.396 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.574 | 149  | 506931   | 17.117 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 444343   | 18.191 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.410 | 228  | 1282145  | 16.381 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 733922   | 16.678 | ng/ul  | 100      |
| 87) Chrysene                  | 21.463 | 228  | 1230258  | 16.257 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.286 | 149  | 1257392  | 15.665 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.127 | 252  | 1372745  | 16.168 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.174 | 252  | 1299897  | 16.360 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.768 | 252  | 1339307  | 16.281 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.433 | 276  | 1591523  | 16.242 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.457 | 278  | 1368772  | 16.300 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.215 | 276  | 1367596  | 16.409 | ng/ul  | 96       |

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

