

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123124\  
 Data File : BP023596.D  
 Acq On : 31 Dec 2024 12:51  
 Operator : RC/JU  
 Sample : SST04064  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST040645

Quant Time: Dec 31 14:10:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP123124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 31 14:01:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.810  | 152  | 594035   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.587 | 136  | 2531579  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.434 | 164  | 1562354  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 3079432  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.716 | 240  | 3222381  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.139 | 264  | 3345053  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.311  | 96   | 238488   | 14.702 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.717  | 84   | 1821496  | 42.665 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.969  | 99   | 2162899  | 45.467 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 1237861  | 41.831 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.346  | 132  | 1666503  | 46.954 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.493  | 113  | 1686366  | 44.239 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.946  | 128  | 817269   | 43.031 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 720589   | 35.202 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.199 | 165  | 1578108  | 35.686 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.710 | 131  | 2475845  | 46.348 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.834 | 166  | 4654335  | 38.549 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.122 | 160  | 5608143  | 42.900 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.616 | 143  | 886206   | 54.818 | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.439 | 176  | 4062439  | 38.573 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.557 | 200  | 503950   | 29.804 | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.351 | 188  | 6130734  | 42.701 | ng/u1  | 0.01     |
| 81) Pyrene-d10                | 19.722 | 212  | 6948358  | 41.102 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.915 | 264  | 7361078  | 41.300 | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.346  | 88   | 250149   | 14.256 | ng/uL  | 97       |
| 5) Pyridine                   | 3.734  | 79   | 1824658  | 42.580 | ng/u1  | 99       |
| 6) Benzaldehyde               | 6.952  | 77   | 1225461  | 45.319 | ng/u1  | 99       |
| 8) Phenol                     | 6.993  | 94   | 2253640  | 45.409 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.234  | 93   | 1750339  | 44.539 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.375  | 128  | 1729100  | 46.227 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 8.234  | 108  | 1658711  | 45.146 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 1887706  | 40.583 | ng/u1  | 99       |
| 16) Acetophenone              | 8.616  | 105  | 2757373  | 43.035 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.610  | 70   | 1376128  | 40.158 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.557  | 108  | 1825725  | 45.974 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.887  | 117  | 682571   | 38.911 | ng/u1  | 99       |
| 22) Nitrobenzene              | 8.993  | 77   | 1900430  | 34.451 | ng/u1  | 97       |
| 23) Isophorone                | 9.516  | 82   | 3832680  | 37.883 | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.699  | 139  | 865790   | 38.445 | ng/u1  | 98       |
| 26) 2,4-Dimethylphenol        | 9.752  | 107  | 1847824  | 36.797 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.993  | 93   | 2308045  | 39.976 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.228 | 162  | 1592706  | 36.193 | ng/u1  | 98       |
| 30) Naphthalene               | 10.634 | 128  | 5577732  | 41.403 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.734 | 127  | 2356925  | 45.468 | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.928 | 225  | 948957   | 25.403 | ng/u1  | 99       |
| 34) Caprolactam               | 11.481 | 113  | 622201m  | 45.660 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.851 | 107  | 1732876  | 36.345 | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.240 | 142  | 3840136  | 39.077 | ng/u1  | 100      |

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 Sample : SSTD04064  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD040645

Quant Time: Dec 31 14:10:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP123124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 31 14:01:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 37) 1-Methylnaphthalene       | 12.463 | 142  | 3877006  | 38.983 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.610 | 216  | 1922595  | 34.745 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.598 | 237  | 967726   | 36.049 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.845 | 196  | 1184312  | 36.444 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.916 | 196  | 1304305  | 37.281 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.257 | 154  | 4880539  | 43.007 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.298 | 162  | 3764364  | 41.551 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.487 | 65   | 998162   | 39.528 | ng/ul | 95       |
| 47) Dimethylphthalate         | 13.881 | 163  | 4579098  | 38.304 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.992 | 165  | 882145   | 39.474 | ng/ul | 99       |
| 50) Acenaphthylene            | 14.151 | 152  | 5953304  | 44.347 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.322 | 138  | 985427   | 49.664 | ng/ul | 97       |
| 52) Acenaphthene              | 14.498 | 153  | 4119849  | 42.474 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.528 | 184  | 280826   | 21.056 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.628 | 109  | 665064   | 35.174 | ng/ul | 99       |
| 56) Dibenzofuran              | 14.834 | 168  | 5592581  | 38.807 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.787 | 165  | 1317772  | 37.289 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.069 | 232  | 1035621  | 30.908 | ng/ul | 95       |
| 59) Diethylphthalate          | 15.281 | 149  | 4690227  | 39.380 | ng/ul | 99       |
| 61) Fluorene                  | 15.498 | 166  | 4780591  | 40.429 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.498 | 204  | 2282760  | 34.230 | ng/ul | 96       |
| 63) 4-Nitroaniline            | 15.504 | 138  | 1029488  | 56.701 | ng/ul | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.569 | 198  | 608443   | 33.416 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.716 | 169  | 3901080  | 47.361 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.422 | 248  | 1324588  | 37.143 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.528 | 284  | 1640887  | 37.360 | ng/ul | 96       |
| 70) Atrazine                  | 16.704 | 200  | 1493228  | 43.545 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.881 | 266  | 941290   | 37.628 | ng/ul | 99       |
| 72) Phenanthrene              | 17.286 | 178  | 7114056  | 43.474 | ng/ul | 99       |
| 74) Anthracene                | 17.386 | 178  | 7215466  | 44.292 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.216 | 216  | 1870206  | 41.501 | ng/ul | 99       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 1950497  | 39.692 | ng/ul | 99       |
| 77) Carbazole                 | 17.651 | 167  | 6736443  | 49.328 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.275 | 149  | 8031862  | 47.973 | ng/ul | 99       |
| 80) Fluoranthene              | 19.375 | 202  | 8104487  | 41.423 | ng/ul | 99       |
| 82) Pyrene                    | 19.751 | 202  | 8572535  | 41.113 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.716 | 149  | 3397215  | 47.222 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.604 | 252  | 2513289  | 35.188 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.698 | 228  | 8681883  | 39.933 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.657 | 149  | 5353678  | 50.280 | ng/ul | 100      |
| 87) Chrysene                  | 21.757 | 228  | 8114729  | 39.200 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.992 | 149  | 8343544  | 50.119 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 24.068 | 252  | 8491852  | 40.617 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 24.139 | 252  | 8716580  | 41.502 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.992 | 252  | 7993086  | 41.777 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.056 | 276  | 9950752m | 40.771 | ng/ul |          |
| 95) Dibenzo(a,h)anthracene    | 29.139 | 278  | 8090552  | 41.235 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 30.262 | 276  | 7441452  | 39.693 | ng/ul | 99       |

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

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Operator : RC/JU  
Sample : SST04064  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SSTD040645

Quant Time: Dec 31 14:10:09 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP123124.MA.M  
Quant Title : SVOA CALIBRATION  
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