

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062322\  
 Data File : BP010774.D  
 Acq On : 23 Jun 2022 14:44  
 Operator : CG/JU  
 Sample : SST00510  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST005610

Quant Time: Jun 23 17:54:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 23 17:53:52 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.722  | 152  | 392148   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.522 | 136  | 1643648  | 20.000 | ng/ul  | #-0.01   |
| 38) Acenaphthene-d10          | 14.381 | 164  | 961455   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.145 | 188  | 1915739  | 20.000 | ng/ul  | #-0.01   |
| 79) Chrysene-d12              | 21.263 | 240  | 1674732  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.639 | 264  | 1523797  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.205  | 96   | 19143    | 1.947  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/ul  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/ul  |          |
| 11) 2-Chlorophenol-d4         | 7.258  | 132  | 119904   | 4.976  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 8.881  | 128  | 40682    | 4.680  | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.604  | 143  | 30774    | 4.476  | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.140 | 165  | 96470    | 4.521  | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 13.804 | 166  | 316939   | 4.943  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.075 | 160  | 398266   | 4.793  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.381 | 176  | 281360   | 4.910  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.245 | 188  | 410244   | 4.792  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.492 | 212  | 447396   | 5.258  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.480 | 264  | 348121   | 4.621  | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.240  | 88   | 21328    | 2.089  | ng/uL# | 92       |
| 12) 2-Chlorophenol            | 7.287  | 128  | 124955   | 4.973  | ng/ul  | 92       |
| 17) N-Nitroso-di-n-propyla... | 8.534  | 70   | 94777    | 5.449  | ng/ul  | 93       |
| 19) Hexachloroethane          | 8.804  | 117  | 51255    | 5.079  | ng/ul  | 85       |
| 22) Nitrobenzene              | 8.928  | 77   | 110732   | 5.015  | ng/ul  | 97       |
| 23) Isophorone                | 9.452  | 82   | 266109   | 5.094  | ng/ul# | 98       |
| 25) 2-Nitrophenol             | 9.634  | 139  | 35853    | 4.215  | ng/ul# | 88       |
| 26) 2,4-Dimethylphenol        | 9.699  | 107  | 137515   | 5.045  | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.946  | 93   | 167068   | 5.042  | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.169 | 162  | 103769   | 4.694  | ng/ul  | 99       |
| 30) Naphthalene               | 10.575 | 128  | 424987   | 5.060  | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.863 | 225  | 67878    | 4.285  | ng/ul  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.816 | 107  | 115964   | 5.300  | ng/ul  | 95       |
| 36) 2-Methylnaphthalene       | 12.193 | 142  | 279269   | 5.047  | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.416 | 142  | 275727   | 5.002  | ng/ul# | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.563 | 216  | 127962   | 4.357  | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.804 | 196  | 67008    | 4.367  | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.875 | 196  | 70562    | 4.351  | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.216 | 154  | 362666   | 4.937  | ng/ul# | 98       |
| 44) 2-Chloronaphthalene       | 13.251 | 162  | 275424   | 4.886  | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.457 | 65   | 42699    | 5.199  | ng/ul  | 87       |
| 47) Dimethylphthalate         | 13.851 | 163  | 327041   | 5.107  | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.963 | 165  | 33106    | 4.475  | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.104 | 152  | 451242   | 5.027  | ng/ul  | 98       |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 52) Acenaphthene              | 14.445 | 153  | 292887   | 5.057 | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.787 | 168  | 410488   | 5.044 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.745 | 165  | 43687    | 4.316 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.010 | 232  | 52729    | 4.576 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.228 | 149  | 323443   | 5.245 | ng/ul  | 98       |
| 61) Fluorene                  | 15.439 | 166  | 328675   | 5.072 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.439 | 204  | 155314   | 4.873 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.651 | 169  | 281004   | 5.017 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.339 | 248  | 90529    | 4.564 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.439 | 284  | 107034   | 4.602 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.192 | 178  | 504995   | 5.030 | ng/ul  | 98       |
| 74) Anthracene                | 17.281 | 178  | 506024   | 5.014 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.175 | 216  | 157187   | 4.881 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.698 | 250  | 125291   | 4.464 | ng/uL  | 98       |
| 78) Di-n-butylphthalate       | 18.133 | 149  | 502794   | 4.999 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.169 | 202  | 555804   | 5.391 | ng/ul# | 89       |
| 82) Pyrene                    | 19.522 | 202  | 576598   | 5.509 | ng/ul# | 85       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 152025   | 4.561 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.245 | 228  | 506878   | 4.928 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.204 | 149  | 258123   | 4.606 | ng/ul  | 97       |
| 87) Chrysene                  | 21.298 | 228  | 487937   | 4.920 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.910 | 252  | 459658   | 4.931 | ng/ul# | 96       |
| 91) Benzo(k)fluoranthene      | 22.963 | 252  | 444011   | 5.086 | ng/ul# | 95       |
| 93) Benzo(a)pyrene            | 23.527 | 252  | 437620   | 4.779 | ng/ul# | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.104 | 276  | 490102   | 4.342 | ng/ul# | 91       |
| 95) Dibenzo(a,h)anthracene    | 26.127 | 278  | 426043   | 4.414 | ng/ul# | 92       |
| 96) Benzo(g,h,i)perylene      | 26.851 | 276  | 419039   | 4.373 | ng/ul# | 89       |

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

