

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071422\  
 Data File : BP010968.D  
 Acq On : 14 Jul 2022 12:05  
 Operator : CG/JU  
 Sample : SST00517  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST005617

Quant Time: Jul 14 13:51:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071422.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 14 13:50:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 368873   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.481 | 136  | 1513662  | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.351 | 164  | 873253   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.122 | 188  | 1746919  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.245 | 240  | 1761849  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.604 | 264  | 1733102  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 20610    | 2.114  | 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         | 7.222  | 132  | 114839   | 4.740  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 8.852  | 128  | 50440    | 5.235  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.569  | 143  | 47664    | 5.979  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.105 | 165  | 93058    | 4.724  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 13.769 | 166  | 294288   | 4.920  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.040 | 160  | 323462   | 4.237  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.351 | 176  | 253156   | 4.932  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.222 | 188  | 362636   | 4.666  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.475 | 212  | 510234   | 5.316  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.445 | 264  | 390395   | 4.558  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.217  | 88   | 22086    | 2.124  | ng/uL  | 89       |
| 12) 2-Chlorophenol            | 7.252  | 128  | 120046   | 4.800  | ng/ul  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.499  | 70   | 88292    | 4.926  | ng/ul  | 92       |
| 19) Hexachloroethane          | 8.763  | 117  | 47939    | 4.734  | ng/ul# | 82       |
| 22) Nitrobenzene              | 8.893  | 77   | 123107   | 5.119  | ng/ul  | 92       |
| 23) Isophorone                | 9.422  | 82   | 226812   | 4.498  | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.599  | 139  | 54126    | 5.607  | ng/ul# | 85       |
| 26) 2,4-Dimethylphenol        | 9.669  | 107  | 124830   | 4.733  | ng/ul  | 95       |
| 27) Bis(2-Chloroethoxy)met... | 9.910  | 93   | 159266   | 5.007  | ng/ul# | 97       |
| 29) 2,4-Dichlorophenol        | 10.134 | 162  | 99307    | 4.852  | ng/ul  | 99       |
| 30) Naphthalene               | 10.534 | 128  | 388007   | 4.918  | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.822 | 225  | 60419    | 4.620  | ng/ul  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.787 | 107  | 111413   | 5.022  | ng/ul  | 92       |
| 36) 2-Methylnaphthalene       | 12.157 | 142  | 247095   | 4.837  | ng/ul  | 96       |
| 37) 1-Methylnaphthalene       | 12.375 | 142  | 247718   | 4.881  | ng/ul# | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 115153   | 4.589  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.775 | 196  | 72297    | 4.997  | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.846 | 196  | 75333    | 4.852  | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.181 | 154  | 326800   | 4.754  | ng/ul# | 97       |
| 44) 2-Chloronaphthalene       | 13.216 | 162  | 247655   | 4.782  | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.434 | 65   | 62733    | 5.710  | ng/ul  | 90       |
| 47) Dimethylphthalate         | 13.816 | 163  | 299784   | 5.004  | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 13.934 | 165  | 44553    | 4.964  | ng/ul  | 98       |
| 50) Acenaphthylene            | 14.069 | 152  | 378717   | 4.529  | ng/ul  | 99       |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 52) Acenaphthene              | 14.416 | 153  | 262022   | 4.857 | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.751 | 168  | 365755   | 4.949 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.722 | 165  | 62061    | 5.175 | ng/ul  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.981 | 232  | 59518    | 5.353 | ng/ul# | 86       |
| 59) Diethylphthalate          | 15.193 | 149  | 314430   | 5.279 | ng/ul  | 98       |
| 61) Fluorene                  | 15.410 | 166  | 294842   | 5.004 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.410 | 204  | 138445   | 5.019 | ng/ul  | 96       |
| 67) N-Nitrosodiphenylamine    | 15.628 | 169  | 249253   | 4.711 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.310 | 248  | 77029    | 4.400 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.410 | 284  | 91206    | 4.498 | ng/ul# | 91       |
| 72) Phenanthrene              | 17.163 | 178  | 465083   | 4.999 | ng/ul  | 98       |
| 74) Anthracene                | 17.257 | 178  | 454077   | 4.853 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.140 | 216  | 139257   | 4.831 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.669 | 250  | 109827   | 4.442 | ng/uL  | 97       |
| 78) Di-n-butylphthalate       | 18.104 | 149  | 541266   | 5.393 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.151 | 202  | 541285   | 4.585 | ng/ul# | 89       |
| 82) Pyrene                    | 19.504 | 202  | 581670   | 4.879 | ng/ul# | 84       |
| 83) Butylbenzylphthalate      | 20.404 | 149  | 243536   | 5.803 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.227 | 228  | 563433   | 5.113 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.169 | 149  | 370495   | 5.575 | ng/ul# | 94       |
| 87) Chrysene                  | 21.280 | 228  | 563969   | 5.341 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.880 | 252  | 518742   | 4.813 | ng/ul# | 95       |
| 91) Benzo(k)fluoranthene      | 22.927 | 252  | 502289   | 4.903 | ng/ul# | 94       |
| 93) Benzo(a)pyrene            | 23.492 | 252  | 497600   | 4.746 | ng/ul# | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.039 | 276  | 573763   | 4.535 | ng/ul# | 89       |
| 95) Dibenzo(a,h)anthracene    | 26.068 | 278  | 502637   | 4.632 | ng/ul# | 92       |
| 96) Benzo(g,h,i)perylene      | 26.792 | 276  | 487345   | 4.529 | ng/ul# | 86       |

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

