

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090523\  
 Data File : BP016949.D  
 Acq On : 05 Sep 2023 11:32  
 Operator : MA/JU  
 Sample : SSTD00537  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD005645

Quant Time: Sep 06 01:32:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 06 01:15:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.981  | 152  | 325960   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.810 | 136  | 1358554  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.639 | 164  | 849195   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.410 | 188  | 1803166  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.504 | 240  | 1530520  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.051 | 264  | 1482810  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.328  | 96   | 16804    | 1.950  | 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         | 7.505  | 132  | 92567    | 4.295  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 9.181  | 128  | 44890    | 4.259  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.899  | 143  | 46344    | 4.056  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.422 | 165  | 90149    | 4.274  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 14.051 | 166  | 289663   | 4.582  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.339 | 160  | 317418   | 4.351  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.634 | 176  | 246897   | 4.562  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.510 | 188  | 371560   | 4.487  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.745 | 212  | 405507   | 4.350  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.874 | 264  | 325314   | 4.325  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.364  | 88   | 16456    | 1.769  | ng/uL# | 86       |
| 12) 2-Chlorophenol            | 7.534  | 128  | 99256    | 4.323  | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.799  | 70   | 86756    | 4.436  | ng/ul  | 100      |
| 19) Hexachloroethane          | 9.051  | 117  | 42158    | 4.432  | ng/ul  | 97       |
| 22) Nitrobenzene              | 9.222  | 77   | 125018   | 4.442  | ng/ul  | 97       |
| 23) Isophorone                | 9.734  | 82   | 230839   | 4.366  | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.928  | 139  | 51990    | 4.133  | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.963  | 107  | 113685   | 4.426  | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.222 | 93   | 150324   | 4.588  | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.446 | 162  | 93777    | 4.362  | ng/ul  | 98       |
| 30) Naphthalene               | 10.863 | 128  | 346904   | 4.680  | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.093 | 225  | 57619    | 4.485  | ng/ul  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.092 | 107  | 101000   | 4.287  | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.463 | 142  | 222561   | 4.543  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.687 | 142  | 227435   | 4.611  | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.816 | 216  | 109159   | 4.363  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.069 | 196  | 71561    | 4.202  | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.134 | 196  | 77369    | 4.176  | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.475 | 154  | 310278   | 4.616  | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.522 | 162  | 240439   | 4.556  | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.751 | 65   | 61695    | 3.925  | ng/ul  | 98       |
| 47) Dimethylphthalate         | 14.098 | 163  | 303244   | 4.572  | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.239 | 165  | 49722    | 3.860  | ng/ul  | 92       |
| 50) Acenaphthylene            | 14.369 | 152  | 362891   | 4.443  | ng/ul  | 98       |

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 Sample : SST00537  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST005645

Quant Time: Sep 06 01:32:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 06 01:15:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.704 | 153  | 262715   | 4.610 | ng/ul | 98       |
| 56) Dibenzofuran              | 15.039 | 168  | 364577   | 4.652 | ng/ul | 98       |
| 57) 2,4-Dinitrotoluene        | 15.022 | 165  | 69354    | 3.751 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.257 | 232  | 62258    | 4.168 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.451 | 149  | 297269   | 4.485 | ng/ul | 99       |
| 61) Fluorene                  | 15.692 | 166  | 296285   | 4.586 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.681 | 204  | 142329   | 4.559 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.904 | 169  | 243209   | 4.473 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.586 | 248  | 78626    | 4.383 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.669 | 284  | 87801    | 4.465 | ng/ul | 97       |
| 72) Phenanthrene              | 17.451 | 178  | 460967   | 4.601 | ng/ul | 100      |
| 74) Anthracene                | 17.545 | 178  | 457421   | 4.541 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.428 | 216  | 113487   | 4.418 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.934 | 250  | 113001   | 4.567 | ng/uL | 96       |
| 78) Di-n-butylphthalate       | 18.339 | 149  | 490099   | 4.420 | ng/ul | 99       |
| 80) Fluoranthene              | 19.416 | 202  | 509191   | 4.374 | ng/ul | 100      |
| 82) Pyrene                    | 19.774 | 202  | 532974   | 4.410 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.633 | 149  | 203488   | 4.071 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.486 | 228  | 480860   | 4.461 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.368 | 149  | 283079   | 4.100 | ng/ul | 100      |
| 87) Chrysene                  | 21.545 | 228  | 459488   | 4.557 | ng/ul | 99       |
| 90) Benzo(b)fluoranthene      | 23.257 | 252  | 441050   | 4.257 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.310 | 252  | 430990   | 4.296 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.933 | 252  | 367643   | 4.255 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.745 | 276  | 428764   | 4.470 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.768 | 278  | 353178   | 4.461 | ng/ul | 97       |
| 96) Benzo(g,h,i)perylene      | 27.586 | 276  | 344423   | 4.557 | ng/ul | 99       |

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

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