

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050324\  
 Data File : BN031384.D  
 Acq On : 03 May 2024 10:24  
 Operator : MA/JU  
 Sample : SST00550  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST005231

Quant Time: May 03 13:51:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 13:38:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.593  | 152  | 141813   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.375 | 136  | 574971   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.245 | 164  | 380361   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.998 | 188  | 792701   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.239 | 240  | 679029   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.115 | 264  | 693415   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.117  | 96   | 6794     | 2.191  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/u1  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/u1  |          |
| 11) 2-Chlorophenol-d4         | 7.128  | 132  | 40950    | 4.445  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 8.746  | 128  | 19792    | 4.630  | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.469  | 143  | 20815    | 4.498  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.999  | 165  | 39197    | 4.608  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 13.663 | 166  | 136843   | 5.222  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.934 | 160  | 142673   | 4.756  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.245 | 176  | 109829   | 4.945  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.098 | 188  | 168138   | 4.953  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.404 | 212  | 190722   | 4.671  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.910 | 264  | 153099   | 4.644  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.146  | 88   | 5963     | 1.774  | ng/uL# | 90       |
| 12) 2-Chlorophenol            | 7.157  | 128  | 44260    | 4.615  | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.399  | 70   | 33037    | 4.457  | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.657  | 117  | 19833    | 5.017  | ng/u1  | 98       |
| 22) Nitrobenzene              | 8.793  | 77   | 47263    | 4.708  | ng/u1  | 93       |
| 23) Isophorone                | 9.316  | 82   | 92080    | 4.720  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.499  | 139  | 22572    | 4.507  | ng/u1  | 93       |
| 26) 2,4-Dimethylphenol        | 9.557  | 107  | 46957    | 4.915  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.799  | 93   | 54686    | 4.518  | ng/u1  | 97       |
| 29) 2,4-Dichlorophenol        | 10.028 | 162  | 39747    | 4.720  | ng/u1  | 96       |
| 30) Naphthalene               | 10.422 | 128  | 148992   | 5.116  | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.698 | 225  | 29571    | 5.728  | ng/u1  | 96       |
| 35) 4-Chloro-3-methylphenol   | 11.675 | 107  | 44713    | 4.593  | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.045 | 142  | 99261    | 4.928  | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.269 | 142  | 99440    | 4.885  | ng/u1  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.416 | 216  | 52000    | 5.100  | ng/u1  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.669 | 196  | 32019    | 4.598  | ng/u1  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.740 | 196  | 35024    | 4.607  | ng/u1  | 99       |
| 43) 1,1'-Biphenyl             | 13.075 | 154  | 135436   | 5.102  | ng/u1  | 98       |
| 44) 2-Chloronaphthalene       | 13.110 | 162  | 102452   | 4.877  | ng/u1  | 98       |
| 45) 2-Nitroaniline            | 13.334 | 65   | 25752    | 4.313  | ng/u1  | 96       |
| 47) Dimethylphthalate         | 13.710 | 163  | 136496   | 5.079  | ng/u1  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.834 | 165  | 24526    | 4.661  | ng/u1  | 93       |
| 50) Acenaphthylene            | 13.963 | 152  | 169657   | 4.965  | ng/u1  | 98       |

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 Sample : SSTD00550  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD005231

Quant Time: May 03 13:51:34 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 13:38:35 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 52) Acenaphthene              | 14.310 | 153  | 116013   | 5.108 | ng/ul  | 99       |
| 56) Dibenzofuran              | 14.645 | 168  | 155839   | 5.074 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.622 | 165  | 36502    | 4.728 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.875 | 232  | 30902    | 4.841 | ng/ul# | 100      |
| 59) Diethylphthalate          | 15.081 | 149  | 139683   | 5.121 | ng/ul  | 99       |
| 61) Fluorene                  | 15.298 | 166  | 133271   | 5.374 | ng/ul  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.298 | 204  | 66428    | 5.522 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.516 | 169  | 108734   | 5.009 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.198 | 248  | 38205    | 4.952 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.298 | 284  | 45775    | 5.116 | ng/ul  | 93       |
| 72) Phenanthrene              | 17.039 | 178  | 204815   | 5.033 | ng/ul  | 99       |
| 74) Anthracene                | 17.133 | 178  | 204677   | 5.046 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.034 | 216  | 50898    | 4.923 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.563 | 250  | 52402    | 5.157 | ng/uL  | 97       |
| 78) Di-n-butylphthalate       | 17.975 | 149  | 235030   | 5.027 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.069 | 202  | 221441   | 4.517 | ng/ul  | 100      |
| 82) Pyrene                    | 19.433 | 202  | 245203   | 4.876 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.345 | 149  | 93622    | 4.378 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.221 | 228  | 216242   | 4.771 | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.151 | 149  | 133837   | 4.660 | ng/ul  | 99       |
| 87) Chrysene                  | 21.274 | 228  | 214105   | 5.052 | ng/ul  | 95       |
| 90) Benzo(b)fluoranthene      | 23.204 | 252  | 194718   | 4.548 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.263 | 252  | 199414   | 4.716 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.968 | 252  | 178291   | 4.657 | ng/ul  | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.327 | 276  | 213425   | 4.961 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 27.386 | 278  | 175368   | 4.887 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 28.333 | 276  | 174394   | 5.054 | ng/ul  | 97       |

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

