

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020724\  
 Data File : BN029538.D  
 Acq On : 07 Feb 2024 09:34  
 Operator : MA/JU  
 Sample : SSTD00508  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD005232

Quant Time: Feb 07 14:08:31 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 07 13:56:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 158940   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.687 | 136  | 629101   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.528 | 164  | 322540   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.280 | 188  | 622270   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.480 | 240  | 538650   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.857 | 264  | 602589   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.328  | 96   | 9664     | 2.000  | 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         | 7.410  | 132  | 47009    | 4.364  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 9.051  | 128  | 19891    | 4.074  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.769  | 143  | 16180    | 3.805  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.304 | 165  | 35759    | 4.260  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 13.951 | 166  | 110282   | 4.593  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.222 | 160  | 124515   | 4.366  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.522 | 176  | 95704    | 4.685  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.375 | 188  | 130889   | 4.488  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.674 | 212  | 142306   | 4.402  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.698 | 264  | 128869   | 4.274  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.364  | 88   | 9154     | 1.829  | ng/uL  | 96       |
| 12) 2-Chlorophenol            | 7.446  | 128  | 51108    | 4.522  | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.699  | 70   | 40704    | 4.468  | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.957  | 117  | 24262    | 4.626  | ng/u1  | 97       |
| 22) Nitrobenzene              | 9.093  | 77   | 61450    | 4.442  | ng/u1  | 98       |
| 23) Isophorone                | 9.616  | 82   | 104199   | 4.324  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.804  | 139  | 18359    | 3.781  | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.863  | 107  | 52194    | 4.485  | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93   | 69736    | 4.554  | ng/u1  | 96       |
| 29) 2,4-Dichlorophenol        | 10.334 | 162  | 38160    | 4.400  | ng/u1  | 94       |
| 30) Naphthalene               | 10.734 | 128  | 174434   | 4.851  | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.010 | 225  | 26210    | 4.897  | ng/u1  | 93       |
| 35) 4-Chloro-3-methylphenol   | 11.975 | 107  | 40303    | 4.023  | ng/u1  | 92       |
| 36) 2-Methylnaphthalene       | 12.351 | 142  | 100446   | 4.557  | ng/u1  | 97       |
| 37) 1-Methylnaphthalene       | 12.569 | 142  | 104246   | 4.770  | ng/u1  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.710 | 216  | 45568    | 4.766  | ng/u1  | 92       |
| 41) 2,4,6-Trichlorophenol     | 12.963 | 196  | 21800    | 3.956  | ng/u1  | 87       |
| 42) 2,4,5-Trichlorophenol     | 13.028 | 196  | 25984    | 4.196  | ng/u1  | 94       |
| 43) 1,1'-Biphenyl             | 13.363 | 154  | 129249   | 4.752  | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.404 | 162  | 99096    | 4.687  | ng/u1  | 99       |
| 45) 2-Nitroaniline            | 13.616 | 65   | 22382    | 3.601  | ng/u1  | 99       |
| 47) Dimethylphthalate         | 13.998 | 163  | 112744   | 4.587  | ng/u1  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.122 | 165  | 15957    | 3.628  | ng/u1  | 94       |
| 50) Acenaphthylene            | 14.251 | 152  | 153559   | 4.487  | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 52) Acenaphthene              | 14.592 | 153  | 106694   | 4.719 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.928 | 168  | 144288   | 4.833 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.904 | 165  | 22651    | 3.658 | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232  | 17385    | 3.956 | ng/ul  | 93       |
| 59) Diethylphthalate          | 15.363 | 149  | 112540   | 4.457 | ng/ul  | 98       |
| 61) Fluorene                  | 15.581 | 166  | 113369   | 4.804 | ng/ul  | 95       |
| 62) 4-Chlorophenyl-phenyle... | 15.581 | 204  | 52600    | 4.984 | ng/ul  | 95       |
| 67) N-Nitrosodiphenylamine    | 15.792 | 169  | 88792    | 4.579 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.475 | 248  | 26429    | 4.487 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.575 | 284  | 31804    | 4.791 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.322 | 178  | 172383   | 4.789 | ng/ul  | 98       |
| 74) Anthracene                | 17.410 | 178  | 166115   | 4.598 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.322 | 216  | 44285    | 4.850 | ng/uL  | 94       |
| 76) Pentachlorobenzene        | 14.839 | 250  | 39512    | 4.832 | ng/uL  | 98       |
| 78) Di-n-butylphthalate       | 18.269 | 149  | 157897   | 3.979 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202  | 172060   | 4.382 | ng/ul  | 98       |
| 82) Pyrene                    | 19.704 | 202  | 190205   | 4.579 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.627 | 149  | 60948    | 3.600 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.463 | 228  | 180751   | 4.568 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.416 | 149  | 102870   | 3.928 | ng/ul  | 98       |
| 87) Chrysene                  | 21.516 | 228  | 172125   | 4.642 | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.133 | 252  | 176225   | 4.643 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.180 | 252  | 172819   | 4.448 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 23.745 | 252  | 157515   | 4.327 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.309 | 276  | 202015   | 4.554 | ng/ul  | 92       |
| 95) Dibenzo(a,h)anthracene    | 26.339 | 278  | 161649   | 4.467 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.056 | 276  | 170443   | 4.596 | ng/ul  | 99       |

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

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