

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112122\  
 Data File : BN022821.D  
 Acq On : 22 Nov 2022 12:33  
 Operator : CG/JU  
 Sample : N5568-08  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 X3D67

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022  
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 29 01:19:26 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN11522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 22 05:15:51 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 52103    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.663 | 136  | 246697   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.516 | 164  | 160680   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 340359   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.474 | 240  | 341101   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.862 | 264  | 331461   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.175  | 96   | 7181     | 4.705  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 7.016  | 99   | 150060   | 30.494 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.181  | 67   | 95270    | 32.289 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.375  | 132  | 111184   | 30.851 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.569  | 113  | 119786   | 30.833 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.028  | 128  | 58548    | 30.661 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.751  | 143  | 62486    | 29.327 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.287 | 165  | 113344   | 31.204 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.816 | 131  | 151298   | 27.345 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.933 | 166  | 397738   | 34.032 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.210 | 160  | 422524   | 32.811 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.733 | 143  | 70709m   | 30.349 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.510 | 176  | 330702   | 34.501 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 200  | 54566    | 25.222 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.369 | 188  | 549051   | 36.840 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.674 | 212  | 615789   | 34.836 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.709 | 264  | 603019   | 36.191 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.211  | 88   | 28410    | 17.493 | ng/uL# | 92       |
| 10) Bis(2-Chloroethyl)ether   | 7.275  | 93   | 164840   | 41.274 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.404  | 128  | 142987   | 37.157 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 181455   | 34.420 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.669  | 70   | 78577    | 23.777 | ng/u1  | 98       |
| 19) Hexachloroethane          | 8.922  | 117  | 48758    | 29.927 | ng/u1  | 96       |
| 22) Nitrobenzene              | 9.069  | 77   | 172775   | 33.396 | ng/u1  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.081 | 93   | 164869   | 28.890 | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.316 | 162  | 124328   | 33.676 | ng/u1  | 99       |
| 30) Naphthalene               | 10.716 | 128  | 334186   | 25.522 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.987 | 225  | 49269    | 21.681 | ng/u1  | 97       |
| 37) 1-Methylnaphthalene       | 12.551 | 142  | 246168   | 27.530 | ng/u1  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.704 | 216  | 57668    | 13.371 | ng/u1  | 96       |
| 40) Hexachlorocyclopentadiene | 12.669 | 237  | 54349    | 21.584 | ng/u1  | 95       |
| 41) 2,4,6-Trichlorophenol     | 12.951 | 196  | 134903   | 44.055 | ng/u1  | 94       |
| 42) 2,4,5-Trichlorophenol     | 13.022 | 196  | 91117    | 28.099 | ng/u1  | 98       |
| 44) 2-Chloronaphthalene       | 13.392 | 162  | 249949   | 27.197 | ng/u1  | 99       |
| 47) Dimethylphthalate         | 13.981 | 163  | 377449   | 30.727 | ng/u1  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.110 | 165  | 47520    | 19.111 | ng/u1  | 98       |
| 50) Acenaphthylene            | 14.239 | 152  | 344174   | 23.925 | ng/u1  | 98       |
| 52) Acenaphthene              | 14.581 | 153  | 212203   | 20.791 | ng/u1  | 97       |
| 56) Dibenzofuran              | 14.916 | 168  | 333826   | 24.754 | ng/u1  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.898 | 165  | 58272    | 16.092 | ng/u1  | 89       |
| 59) Diethylphthalate          | 15.345 | 149  | 355842   | 27.331 | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 61) Fluorene                  | 15.569 | 166  | 289078   | 25.668 | ng/ul | 92       |
| 62) 4-Chlorophenyl-phenyle... | 15.563 | 204  | 80405    | 15.146 | ng/ul | 90       |
| 68) 4-Bromophenyl-phenylether | 16.457 | 248  | 76877    | 22.937 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.569 | 284  | 63578    | 16.227 | ng/ul | 92       |
| 71) Pentachlorophenol         | 16.922 | 266  | 77241    | 31.029 | ng/ul | 96       |
| 74) Anthracene                | 17.404 | 178  | 744179   | 40.048 | ng/ul | 99       |
| 77) Carbazole                 | 17.686 | 167  | 647634   | 37.510 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.239 | 149  | 732659   | 29.817 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.604 | 149  | 385310   | 33.494 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.457 | 228  | 617052   | 27.394 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.380 | 149  | 352440   | 20.757 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.298 | 149  | 1204800  | 41.329 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.133 | 252  | 324148   | 14.430 | ng/ul | 98       |
| 91) Benzo(k)fluoranthene      | 23.180 | 252  | 865992   | 40.615 | ng/ul | 97       |
| 96) Benzo(g,h,i)perylene      | 27.133 | 276  | 474948   | 25.156 | ng/ul | 98       |

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

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