

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081622\  
 Data File : BP011445.D  
 Acq On : 16 Aug 2022 15:43  
 Operator : CG/JU  
 Sample : SSTD00543  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD005645

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/17/2022  
 Supervised By :Sohil Jodhani 08/19/2022

Quant Time: Aug 17 01:05:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 17 01:01:09 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.563  | 152  | 67801    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.352 | 136  | 299188   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.234 | 164  | 183960   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.004 | 188  | 382202   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.133 | 240  | 375316   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.433 | 264  | 388013   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.070  | 96   | 4153     | 1.878  | 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         | 7.093  | 132  | 19082    | 4.053  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/u1  |          |
| 21) Nitrobenzene-d5           | 8.728  | 128  | 8690     | 4.268  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.446  | 143  | 8362     | 4.485  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.981  | 165  | 16223    | 4.309  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/u1  |          |
| 46) Dimethylphthalate-d6      | 13.657 | 166  | 57889    | 4.535  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.922 | 160  | 58990    | 3.839  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.240 | 176  | 49675    | 4.551  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.104 | 188  | 72034    | 4.193  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.369 | 212  | 82473    | 3.989  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.280 | 264  | 78992    | 4.037  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.105  | 88   | 4480     | 1.907  | ng/uL# | 93       |
| 12) 2-Chlorophenol            | 7.128  | 128  | 20704    | 4.220  | ng/u1  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.381  | 70   | 17189    | 4.578  | ng/u1# | 93       |
| 19) Hexachloroethane          | 8.628  | 117  | 10071    | 4.862  | ng/u1  | 96       |
| 22) Nitrobenzene              | 8.769  | 77   | 24923    | 4.372  | ng/u1  | 100      |
| 23) Isophorone                | 9.293  | 82   | 43919    | 4.200  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.475  | 139  | 9605     | 4.421  | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 9.546  | 107  | 25288    | 4.606  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 9.787  | 93   | 28194    | 4.219  | ng/u1  | 95       |
| 29) 2,4-Dichlorophenol        | 10.010 | 162  | 17237    | 4.378  | ng/u1  | 98       |
| 30) Naphthalene               | 10.399 | 128  | 73005    | 4.485  | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.681 | 225  | 12433    | 5.148  | ng/u1  | 94       |
| 35) 4-Chloro-3-methylphenol   | 11.669 | 107  | 20963    | 4.529  | ng/u1  | 94       |
| 36) 2-Methylnaphthalene       | 12.028 | 142  | 45688    | 4.528  | ng/u1  | 100      |
| 37) 1-Methylnaphthalene       | 12.251 | 142  | 46426    | 4.536  | ng/u1  | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 12.399 | 216  | 21333    | 4.405  | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.657 | 196  | 11789    | 4.023  | ng/u1  | 93       |
| 42) 2,4,5-Trichlorophenol     | 12.728 | 196  | 13926m   | 4.453  | ng/u1  |          |
| 43) 1,1'-Biphenyl             | 13.063 | 154  | 62198    | 4.306  | ng/u1  | 97       |
| 44) 2-Chloronaphthalene       | 13.098 | 162  | 46950    | 4.332  | ng/u1  | 99       |
| 45) 2-Nitroaniline            | 13.322 | 65   | 11908    | 4.326  | ng/u1  | 93       |
| 47) Dimethylphthalate         | 13.704 | 163  | 60943    | 4.714  | ng/u1  | 98       |
| 48) 2,6-Dinitrotoluene        | 13.828 | 165  | 8955     | 4.430  | ng/u1  | 94       |
| 50) Acenaphthylene            | 13.951 | 152  | 72591    | 4.099  | ng/u1  | 99       |

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|-------------------------------|--------|------|----------|-------|--------|----------|
| 52) Acenaphthene              | 14.298 | 153  | 51369    | 4.349 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.640 | 168  | 73401    | 4.584 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.622 | 165  | 13082    | 4.222 | ng/ul# | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 14.875 | 232  | 10429    | 4.286 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.087 | 149  | 64165    | 4.791 | ng/ul  | 99       |
| 61) Fluorene                  | 15.292 | 166  | 57130    | 4.393 | ng/ul# | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.298 | 204  | 26876    | 4.728 | ng/ul  | 96       |
| 67) N-Nitrosodiphenylamine    | 15.516 | 169  | 49843    | 4.425 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.198 | 248  | 14711    | 4.350 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.298 | 284  | 17444    | 4.415 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.051 | 178  | 94410    | 4.405 | ng/ul  | 97       |
| 74) Anthracene                | 17.139 | 178  | 90462    | 4.240 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.016 | 216  | 21838    | 3.980 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.551 | 250  | 21189    | 4.434 | ng/uL  | 93       |
| 78) Di-n-butylphthalate       | 17.998 | 149  | 92898    | 4.261 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.045 | 202  | 99338    | 3.947 | ng/ul  | 98       |
| 82) Pyrene                    | 19.398 | 202  | 107738   | 4.056 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.298 | 149  | 40699    | 4.808 | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.122 | 228  | 99868    | 4.148 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.063 | 149  | 58134    | 4.278 | ng/ul  | 97       |
| 87) Chrysene                  | 21.174 | 228  | 103067   | 4.324 | ng/ul  | 99       |
| 90) Benzo(b)fluoranthene      | 22.733 | 252  | 101620   | 3.979 | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 22.780 | 252  | 95836    | 3.836 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.327 | 252  | 98391    | 3.995 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.792 | 276  | 111919   | 4.110 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 25.810 | 278  | 96165    | 4.153 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 26.515 | 276  | 97219    | 4.231 | ng/ul  | 100      |

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

