

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112223\  
 Data File : BP018274.D  
 Acq On : 22 Nov 2023 13:19  
 Operator : MA/JU  
 Sample : SSTD16063  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD160629

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/23/2023

Quant Time: Nov 22 14:04:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 22 13:53:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.881  | 152  | 423913   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.687 | 136  | 1572524  | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.516 | 164  | 795704   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 1519073  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.374 | 240  | 1449301  | 20.000  | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.798 | 264  | 1895927  | 20.000  | ng/u1  | 0.01     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 3.693  | 84   | 4744228  | 152.530 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.057  | 99   | 5743519  | 148.252 | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.228  | 67   | 3298539  | 142.383 | ng/u1  | 0.01     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 8.610  | 113  | 4273894  | 136.699 | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0d       | 0.000   | ng/u1  |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/u1  |          |
| 28) 2,4-Dichlorophenol-d3     | 0.000  | 165  | 0d       | 0.000   | ng/u1  |          |
| 31) 4-Chloroaniline-d4        | 10.828 | 131  | 5092556  | 132.678 | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 0.000  | 166  | 0d       | 0.000   | ng/u1  |          |
| 49) Acenaphthylene-d8         | 0.000  | 160  | 0d       | 0.000   | ng/u1  |          |
| 54) 4-Nitrophenol-d4          | 14.722 | 143  | 1649529  | 168.763 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.639 | 200  | 1309356  | 202.479 | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 0.000  | 188  | 0d       | 0.000   | ng/u1  |          |
| 81) Pyrene-d10                | 0.000  | 212  | 0d       | 0.000   | ng/u1  |          |
| 92) Benzo(a)pyrene-d12        | 0.000  | 264  | 0d       | 0.000   | ng/u1  |          |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        | Qvalue   |
| 5) Pyridine                   | 3.711  | 79   | 4774682  | 152.354 | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.022  | 77   | 2172572  | 105.972 | ng/u1  | 99       |
| 8) Phenol                     | 7.087  | 94   | 5492513  | 144.531 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.322  | 93   | 4485775  | 141.708 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.334  | 108  | 4139593  | 139.851 | ng/u1  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.422  | 45   | 6037383  | 134.175 | ng/u1  | 98       |
| 16) Acetophenone              | 8.722  | 105  | 6018251  | 125.797 | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.687  | 108  | 4281458  | 135.450 | ng/u1  | 97       |
| 32) 4-Chloroaniline           | 10.857 | 127  | 4748353  | 131.098 | ng/u1  | 99       |
| 34) Caprolactam               | 11.663 | 113  | 1003620m | 127.943 | ng/u1  |          |
| 40) Hexachlorocyclopentadiene | 12.698 | 237  | 3085887  | 193.879 | ng/u1  | 99       |
| 51) 3-Nitroaniline            | 14.428 | 138  | 1771053  | 152.616 | ng/u1# | 95       |
| 53) 2,4-Dinitrophenol         | 14.628 | 184  | 864382   | 212.131 | ng/u1  | 96       |
| 55) 4-Nitrophenol             | 14.739 | 109  | 1152330  | 159.132 | ng/u1  | 99       |
| 63) 4-Nitroaniline            | 15.604 | 138  | 1613782  | 147.353 | ng/u1  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.651 | 198  | 1405107  | 195.917 | ng/u1  | 100      |
| 70) Atrazine                  | 16.745 | 200  | 2081387  | 132.352 | ng/u1  | 99       |
| 71) Pentachlorophenol         | 16.910 | 266  | 1951855  | 177.168 | ng/u1  | 98       |
| 77) Carbazole                 | 17.675 | 167  | 11210080 | 148.358 | ng/u1  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.292 | 252  | 5851770  | 166.939 | ng/u1  | 99       |
| 89) Di-n-octyl phthalate      | 22.251 | 149  | 15511934 | 111.133 | ng/u1  | 100      |
| -----                         |        |      |          |         |        |          |

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

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BNA\_P

**ClientSampleId :**

SSTD160629

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