

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101022\  
 Data File : BP012030.D  
 Acq On : 10 Oct 2022 18:59  
 Operator : CG/JU  
 Sample : SSTD16067  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD160629

Quant Time: Oct 11 00:46:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 11 00:41:15 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022  
 Supervised By :mohammad ahmed 10/14/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.863  | 152  | 171445   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.669 | 136  | 709480   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.510 | 164  | 406900   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.275 | 188  | 857692   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.363 | 240  | 824406   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.786 | 264  | 929951   | 20.000  | ng/u1  | 0.00     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000   | ng/uL  |          |
| 4) Pyridine-d5                | 3.699  | 84   | 873556   | 76.717  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.040  | 99   | 2292541  | 154.893 | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.199  | 67   | 1297010  | 158.094 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 8.593  | 113  | 1723834  | 140.892 | 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        | 10.822 | 131  | 2323838  | 142.536 | 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          | 14.740 | 143  | 976538   | 162.067 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 200  | 832566   | 160.376 | 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                   | 3.717  | 79   | 830532   | 75.151  | ng/u1  | 98       |
| 6) Benzaldehyde               | 7.005  | 77   | 677845   | 104.548 | ng/u1  | 100      |
| 8) Phenol                     | 7.069  | 94   | 2358776  | 153.652 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.293  | 93   | 1817783  | 148.813 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.316  | 108  | 1754236  | 145.042 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.399  | 45   | 2106929  | 174.963 | ng/u1  | 99       |
| 16) Acetophenone              | 8.705  | 105  | 2527531  | 135.494 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.658  | 108  | 1857998  | 139.427 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.846 | 127  | 2374753  | 142.377 | ng/u1  | 100      |
| 34) Caprolactam               | 11.675 | 113  | 564974m  | 144.064 | ng/u1  |          |
| 40) Hexachlorocyclopentadiene | 12.675 | 237  | 1044224  | 154.902 | ng/u1  | 98       |
| 51) 3-Nitroaniline            | 14.434 | 138  | 941867   | 136.734 | ng/u1# | 91       |
| 53) 2,4-Dinitrophenol         | 14.640 | 184  | 691016   | 171.501 | ng/u1  | 95       |
| 55) 4-Nitrophenol             | 14.757 | 109  | 719984   | 177.005 | ng/u1  | 92       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 843887m  | 128.382 | ng/u1  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 871653   | 158.491 | ng/u1# | 92       |
| 70) Atrazine                  | 16.745 | 200  | 1302370  | 142.660 | ng/u1  | 98       |
| 71) Pentachlorophenol         | 16.922 | 266  | 981176   | 150.265 | ng/u1  | 97       |
| 77) Carbazole                 | 17.686 | 167  | 6305875  | 147.162 | ng/u1  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 2801342  | 147.603 | ng/u1  | 99       |
| 89) Di-n-octyl phthalate      | 22.198 | 149  | 8750424  | 147.484 | ng/u1  | 100      |

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

**Instrument :**

BNA\_P

**ClientSampleId :**

SSTD160629

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