

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101122\  
 Data File : BP012039.D  
 Acq On : 11 Oct 2022 14:19  
 Operator : CG/JU  
 Sample : SSTD16073  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD160636

Quant Time: Oct 11 23:06:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 11 23:01:01 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022  
 Supervised By :mohammad ahmed 10/14/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.858  | 152  | 253543   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.669 | 136  | 997974   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.510 | 164  | 567440   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 1196660  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.363 | 240  | 1205605  | 20.000  | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.780 | 264  | 1457892  | 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                | 3.699  | 84   | 2536907  | 290.954 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.040  | 99   | 3070539  | 142.464 | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.199  | 67   | 1570422  | 123.260 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 8.587  | 113  | 2320022  | 143.186 | ng/u1  | 0.01     |
| 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        | 10.816 | 131  | 3061700  | 143.169 | ng/u1  | 0.00     |
| 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  | 1251763  | 154.860 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 200  | 1178045  | 181.701 | 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   | 2435390  | 278.360 | ng/u1  | 96       |
| 6) Benzaldehyde               | 7.005  | 77   | 953903m  | 95.465  | ng/u1  |          |
| 8) Phenol                     | 7.064  | 94   | 3103120  | 136.724 | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.293  | 93   | 2346595  | 132.266 | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.316  | 108  | 2348108  | 141.726 | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.399  | 45   | 2210406  | 106.390 | ng/u1  | 96       |
| 16) Acetophenone              | 8.699  | 105  | 3236739  | 125.297 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.663  | 108  | 2482425  | 138.665 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.846 | 127  | 3095755  | 139.313 | ng/u1  | 100      |
| 34) Caprolactam               | 11.675 | 113  | 714737m  | 151.322 | ng/u1  |          |
| 40) Hexachlorocyclopentadiene | 12.675 | 237  | 1700228  | 224.080 | ng/u1  | 98       |
| 51) 3-Nitroaniline            | 14.434 | 138  | 1264488  | 154.115 | ng/u1  | 91       |
| 53) 2,4-Dinitrophenol         | 14.640 | 184  | 968180   | 207.745 | ng/u1# | 89       |
| 55) 4-Nitrophenol             | 14.757 | 109  | 822722   | 134.894 | ng/u1  | 90       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 1109882m | 140.141 | ng/u1  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.657 | 198  | 1224363  | 173.245 | ng/u1# | 87       |
| 70) Atrazine                  | 16.745 | 200  | 1795311  | 157.346 | ng/u1  | 97       |
| 71) Pentachlorophenol         | 16.922 | 266  | 1559539  | 194.531 | ng/u1  | 100      |
| 77) Carbazole                 | 17.681 | 167  | 8159807  | 129.360 | ng/u1  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.280 | 252  | 4204104  | 161.109 | ng/u1  | 99       |
| 89) Di-n-octyl phthalate      | 22.192 | 149  | 10593502 | 119.807 | ng/u1  | 100      |
| -----                         |        |      |          |         |        |          |

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

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