

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010622\  
 Data File : BM033663.D  
 Acq On : 06 Jan 2022 14:24  
 Operator : CG/JU  
 Sample : SSTD16023  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD160023

Quant Time: Jan 06 15:20:56 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM010622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 06 15:17:08 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022  
 Supervised By :mohammad ahmed 01/12/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.984  | 152  | 199998   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.807 | 136  | 877345   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.624 | 164  | 580269   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.359 | 188  | 1223969  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.530 | 240  | 929486   | 20.000  | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.959 | 264  | 839807   | 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                | 3.749  | 84   | 2270326  | 147.128 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.148  | 99   | 2782084  | 146.904 | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.313  | 67   | 1611396  | 129.968 | ng/u1  | 0.01     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 8.707  | 113  | 2274839  | 153.462 | 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        | 10.942 | 131  | 3180504  | 155.414 | ng/u1  | 0.02     |
| 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          | 14.836 | 143  | 1336626  | 169.793 | ng/u1  | 0.04     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.742 | 200  | 1277722  | 172.960 | ng/u1  | 0.03     |
| 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                   | 3.772  | 79   | 2297948  | 144.593 | ng/u1  | 86       |
| 6) Benzaldehyde               | 7.113  | 77   | 1274615  | 120.806 | ng/u1  | 84       |
| 8) Phenol                     | 7.178  | 94   | 2799383  | 143.505 | ng/u1# | 86       |
| 10) Bis(2-Chloroethyl)ether   | 7.413  | 93   | 2114543  | 144.089 | ng/u1  | 91       |
| 13) 2-Methylphenol            | 8.437  | 108  | 2153509  | 152.268 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.531  | 45   | 2876057  | 113.579 | ng/u1# | 94       |
| 16) Acetophenone              | 8.825  | 105  | 3387687  | 137.959 | ng/u1# | 87       |
| 18) 4-Methylphenol            | 8.789  | 108  | 2342700  | 151.399 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.972 | 127  | 3160242  | 153.648 | ng/u1  | 98       |
| 34) Caprolactam               | 11.801 | 113  | 766560m  | 162.678 | ng/u1  |          |
| 40) Hexachlorocyclopentadiene | 12.819 | 237  | 1895167  | 166.088 | ng/u1  | 99       |
| 51) 3-Nitroaniline            | 14.536 | 138  | 1143772  | 139.637 | ng/u1  | 86       |
| 53) 2,4-Dinitrophenol         | 14.736 | 184  | 978538   | 200.095 | ng/u1  | 86       |
| 55) 4-Nitrophenol             | 14.854 | 109  | 1250402  | 146.963 | ng/u1  | 84       |
| 63) 4-Nitroaniline            | 15.701 | 138  | 902140   | 107.252 | ng/u1  | 87       |
| 66) 4,6-Dinitro-2-methylph... | 15.760 | 198  | 1231938  | 167.410 | ng/u1# | 93       |
| 70) Atrazine                  | 16.842 | 200  | 2260327  | 158.291 | ng/u1  | 100      |
| 71) Pentachlorophenol         | 17.012 | 266  | 1628025  | 204.398 | ng/u1  | 97       |
| 77) Carbazole                 | 17.765 | 167  | 8890713  | 137.407 | ng/u1  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.442 | 252  | 2792190  | 132.167 | ng/u1  | 96       |
| 89) Di-n-octyl phthalate      | 22.377 | 149  | 11073421 | 179.840 | ng/u1  | 100      |

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