

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM053124\  
 Data File : BM045794.D  
 Acq On : 31 May 2024 12:23  
 Operator : MA/JU  
 Sample : SSTD16017  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD160039

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024  
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 12:57:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 31 11:12:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.469  | 152  | 293830   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.234 | 136  | 1164519  | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.110 | 164  | 647086   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.857 | 188  | 1258107  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.080 | 240  | 964524   | 20.000  | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.797 | 264  | 1104849  | 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                | 3.452  | 84   | 3364915  | 174.362 | ng/u1  | -0.02    |
| 7) Phenol-d5                  | 6.734  | 99   | 3916781  | 155.952 | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.834  | 67   | 2633036  | 144.391 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/u1  |          |
| 15) 4-Methylphenol-d8         | 8.251  | 113  | 2912404  | 153.500 | 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        | 10.416 | 131  | 3594120  | 150.172 | 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          | 14.433 | 143  | 1573960  | 166.913 | ng/u1  | 0.03     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/u1  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.268 | 200  | 1178156  | 183.851 | 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                   | 3.469  | 79   | 3298047  | 164.961 | ng/u1  | 96       |
| 6) Benzaldehyde               | 6.640  | 77   | 1415820  | 115.243 | ng/u1  | 100      |
| 8) Phenol                     | 6.763  | 94   | 3962673  | 151.987 | ng/u1  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 6.928  | 93   | 3228724  | 147.018 | ng/u1  | 100      |
| 13) 2-Methylphenol            | 7.969  | 108  | 2959692  | 154.466 | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.010  | 45   | 6116235  | 142.271 | ng/u1  | 99       |
| 16) Acetophenone              | 8.310  | 105  | 4342648  | 137.971 | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.310  | 108  | 2764025  | 139.775 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.439 | 127  | 3424239  | 146.985 | ng/u1  | 97       |
| 34) Caprolactam               | 11.292 | 113  | 812987m  | 173.120 | ng/u1  |          |
| 40) Hexachlorocyclopentadiene | 12.263 | 237  | 1995845  | 167.616 | ng/u1  | 98       |
| 51) 3-Nitroaniline            | 14.074 | 138  | 1322340  | 165.635 | ng/u1  | 95       |
| 53) 2,4-Dinitrophenol         | 14.263 | 184  | 883392   | 249.461 | ng/u1  | 95       |
| 55) 4-Nitrophenol             | 14.445 | 109  | 1271413  | 165.336 | ng/u1  | 96       |
| 63) 4-Nitroaniline            | 15.263 | 138  | 1061358  | 161.569 | ng/u1  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.280 | 198  | 1228904  | 176.344 | ng/u1  | 97       |
| 70) Atrazine                  | 16.380 | 200  | 1557152  | 145.277 | ng/u1  | 99       |
| 71) Pentachlorophenol         | 16.533 | 266  | 1396448  | 194.215 | ng/u1  | 98       |
| 77) Carbazole                 | 17.286 | 167  | 8364601  | 148.326 | ng/u1  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.009 | 252  | 2890272  | 152.566 | ng/u1  | 99       |
| 89) Di-n-octyl phthalate      | 22.045 | 149  | 13479244 | 159.332 | ng/u1  | 100      |
| -----                         |        |      |          |         |        |          |

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

**Instrument :**

BNA\_M

**ClientSampleId :**

SSTD160039

**Manual Integrations**

**APPROVED**

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM053124\  
Data File : BM045794.D  
Acq On : 31 May 2024 12:23  
Operator : MA/JU  
Sample : SSTD16017  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD160039

Quant Time: May 31 12:57:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 31 11:12:53 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/01/2024  
Supervised By :mohammad ahmed 06/01/2024

