Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044268.D
Acq On : 23 Feb 2024 13:20
Operator : MA/JU
Sample : SSTD16098
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD160018

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024

Quant Time: Feb 23 13:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 12:21:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.898 | 152 | 207642 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.704 | 136 | 874466 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.545 | 164 | 490995 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 989257 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.509 | 240 | 774370 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.903 | 264 | 938113 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.752 | 84 | 2987689 | 170.694 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.075 | 99 | 3425328 | 169.140 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.245 | 67 | 2104244 | 165.632 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.622 | 113 | 2612987 | 170.692 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 0.000 | 128 | 0d | 0.000 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.000 | 165 | 0d | 0.000 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 10.857 | 131 | 3517895 | 158.599 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 0.000 | 166 | 0d | 0.000 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.000 | 160 | 0d | 0.000 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 14.774 | 143 | 1344971 | 171.121 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200 | 1122950 | 189.867 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 0.000 | 188 | 0d | 0.000 | ng/ul | |
| 81) Pyrene-d10 | 0.000 | 212 | 0d | 0.000 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.000 | 264 | 0d | 0.000 | ng/ul | |
| Target Compounds | | | | | | Qvalue |
| 5) Pyridine | 3.775 | 79 | 3060812 | 171.810 | ng/ul | 97 |
| 6) Benzaldehyde | 7.045 | 77 | 957948 | 110.685 | ng/ul | 99 |
| 8) Phenol | 7.104 | 94 | 3479284 | 167.727 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.340 | 93 | 2846375 | 169.210 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.351 | 108 | 2606223 | 171.188 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434 | 45 | 3830731 | 161.540 | ng/ul | 98 |
| 16) Acetophenone | 8.739 | 105 | 3760451 | 152.000 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.698 | 108 | 2761282 | 168.577 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.880 | 127 | 3383588 | 155.361 | ng/ul | 98 |
| 34) Caprolactam | 11.704 | 113 | 811597m | 176.418 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.704 | 237 | 1642318 | 163.851 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.474 | 138 | 1292593 | 159.977 | ng/ul | 96 |
| 53) 2,4-Dinitrophenol | 14.680 | 184 | 940391 | 224.815 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.792 | 109 | 927845 | 153.110 | ng/ul | 93 |
| 63) 4-Nitroaniline | 15.651 | 138 | 1148384m | 145.628 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.698 | 198 | 1179193 | 179.861 | ng/ul# | 97 |
| 70) Atrazine | 16.786 | 200 | 1521668 | 147.929 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.945 | 266 | 1292212 | 165.486 | ng/ul | 99 |
| 77) Carbazole | 17.715 | 167 | 8199422 | 147.537 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.433 | 252 | 2402127 | 141.807 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.380 | 149 | 12916640 | 191.058 | ng/ul | 100 |

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