Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
Data File : BM048246.D
Acq On : 26 Oct 2024 13:52
Operator : RC/JU
Sample : SSTD16053
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD160039

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 27 23:35:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:07:41 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.722 | 152 | 316270 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.522 | 136 | 1303577 | 20.000 | ng/ul | 0.01 |
| 38) Acenaphthene-d10 | 14.374 | 164 | 791756 | 20.000 | ng/ul | 0.01 |
| 64) Phenanthrene-d10 | 17.115 | 188 | 1536256 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.344 | 240 | 991964 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.291 | 264 | 1086534 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.587 | 84 | 3576418 | 159.585 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.922 | 99 | 4410169 | 172.147 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 2551984 | 167.699 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.463 | 113 | 3427358 | 171.890 | 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 | 10.669 | 131 | 4168933 | 148.569 | ng/ul | 0.02 |
| 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 | 14.627 | 143 | 1685816 | 158.607 | ng/ul | 0.05 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.515 | 200 | 1590258 | 160.041 | ng/ul | 0.03 |
| 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 | 3.604 | 79 | 3631738 | 158.598 | ng/ul | 96 |
| 6) Benzaldehyde | 6.869 | 77 | 1382591 | 116.620 | ng/ul | 94 |
| 8) Phenol | 6.951 | 94 | 4470532 | 169.648 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.163 | 93 | 3477862 | 164.441 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.187 | 108 | 3312243 | 166.161 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.251 | 45 | 4905525 | 164.311 | ng/ul | 99 |
| 16) Acetophenone | 8.569 | 105 | 4719594 | 154.350 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.545 | 108 | 3521452 | 164.197 | ng/ul | 95 |
| 32) 4-Chloroaniline | 10.698 | 127 | 3944220 | 145.762 | ng/ul | 99 |
| 34) Caprolactam | 11.557 | 113 | 1114883m | 167.842 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.539 | 237 | 2260722 | 156.607 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.304 | 138 | 1887761 | 157.590 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.510 | 184 | 1403435 | 185.218 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.645 | 109 | 1200956 | 162.403 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.486 | 138 | 1490826m | 143.699 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.533 | 198 | 1637610 | 153.206 | ng/ul# | 97 |
| 70) Atrazine | 16.604 | 200 | 1772992 | 114.349 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.774 | 266 | 1905669 | 150.052 | ng/ul | 98 |
| 77) Carbazole | 17.527 | 167 | 9838481 | 131.710 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.250 | 252 | 2823481 | 127.622 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.362 | 149 | 12792849 | 163.175 | ng/ul | 100 |

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