Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030515.D
Acq On : 22 Jun 2021 14:29
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD160106

**Manual Integrations APPROVED**
mohammad
6/23/2021 4:47:01 PM

Quant Time: Jun 22 15:00:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 127168 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.604 | 136 | 508812 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.445 | 164 | 313754 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.186 | 188 | 622713 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.356 | 240 | 695245 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.633 | 264 | 725679 | 20.00 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.00 | ng/uL | |
| 4) Pyridine-d5 | 3.693 | 84 | 1526241 | 174.41 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.993 | 99 | 1866312 | 168.86 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.151 | 67 | 1110105 | 155.62 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.00 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 1432356 | 162.27 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 0.000 | 128 | 0d | 0.00 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.00 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.000 | 165 | 0d | 0.00 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 10.745 | 131 | 1916307 | 166.36 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 0.000 | 166 | 0d | 0.00 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.000 | 160 | 0d | 0.00 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 14.668 | 143 | 774457 | 192.16 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.00 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.568 | 200 | 781339 | 217.37 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 0.000 | 188 | 0d | 0.00 | ng/ul | |
| 81) Pyrene-d10 | 0.000 | 212 | 0d | 0.00 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.000 | 264 | 0d | 0.00 | ng/ul | |
| Target Compounds | | | | | | Qvalue |
| 5) Pyridine | 3.710 | 79 | 1559649 | 168.82 | ng/ul | 98 |
| 6) Benzaldehyde | 6.957 | 77 | 634234 | 122.44 | ng/ul | 96 |
| 8) Phenol | 7.016 | 94 | 1881502 | 168.08 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.245 | 93 | 1421925 | 157.34 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.257 | 108 | 1355021 | 162.78 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.345 | 45 | 2162416 | 148.55 | ng/ul | 99 |
| 16) Acetophenone | 8.645 | 105 | 2193327 | 157.15 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.598 | 108 | 1460450 | 159.11 | ng/ul | 96 |
| 32) 4-Chloroaniline | 10.769 | 127 | 1902964 | 165.05 | ng/ul | 100 |
| 34) Caprolactam | 11.586 | 113 | 422562m | 179.86 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.616 | 237 | 1146962 | 199.00 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.363 | 138 | 774281 | 180.17 | ng/ul | 94 |
| 53) 2,4-Dinitrophenol | 14.569 | 184 | 578260 | 229.89 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.680 | 109 | 608223 | 192.62 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.533 | 138 | 717302 | 178.26 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.586 | 198 | 756131 | 212.15 | ng/ul# | 93 |
| 70) Atrazine | 16.662 | 200 | 1140578 | 173.25 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.839 | 266 | 876755 | 207.83 | ng/ul | 98 |
| 77) Carbazole | 17.592 | 167 | 5304279 | 175.75 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.274 | 252 | 2324859 | 184.91 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.150 | 149 | 7111292 | 152.15 | ng/ul | 100 |

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