Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100521\
Data File : BM032332.D
Acq On : 05 Oct 2021 18:00
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD160002

**Manual Integrations APPROVED**
mohammad
10/8/2021 8:33:35 AM

Quant Time: Oct 05 18:30:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 05 15:29:16 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.625 | 152 | 280686 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.425 | 136 | 1230994 | 20.00 | ng/ul | 0.01 |
| 38) Acenaphthene-d10 | 14.277 | 164 | 790284 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.007 | 188 | 1620308 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.177 | 240 | 1300180 | 20.00 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.318 | 264 | 1492175 | 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 | 3.384 | 84 | 3193240 | 161.46 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.831 | 99 | 4027855 | 168.98 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 6.966 | 67 | 2200082 | 160.03 | ng/ul | 0.02 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.00 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.384 | 113 | 3277274 | 170.90 | ng/ul | 0.03 |
| 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 | 10.566 | 131 | 4305961 | 155.28 | ng/ul | 0.02 |
| 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 | 14.518 | 143 | 1830778 | 170.28 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.00 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.407 | 200 | 1652118 | 179.96 | ng/ul | 0.03 |
| 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 | 3.407 | 79 | 3150192 | 160.72 | ng/ul | 97 |
| 6) Benzaldehyde | 6.754 | 77 | 1762319 | 207.15 | ng/ul | 98 |
| 8) Phenol | 6.866 | 94 | 3953344 | 163.38 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.060 | 93 | 2995935 | 157.33 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.101 | 108 | 3054721 | 164.95 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.172 | 45 | 3727935 | 156.77 | ng/ul | 98 |
| 16) Acetophenone | 8.460 | 105 | 3995029 | 140.93 | ng/ul# | 79 |
| 18) 4-Methylphenol | 8.454 | 108 | 2875364 | 147.67 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.595 | 127 | 4156944 | 149.44 | ng/ul | 97 |
| 34) Caprolactam | 11.395 | 113 | 1224503m | 187.09 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.466 | 237 | 1956703 | 152.73 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.195 | 138 | 1889201 | 177.20 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.395 | 184 | 1368500 | 213.00 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.536 | 109 | 1441499 | 166.33 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.377 | 138 | 1654946 | 165.67 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.424 | 198 | 1579379 | 174.80 | ng/ul# | 99 |
| 70) Atrazine | 16.495 | 200 | 2604973 | 150.75 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.677 | 266 | 1831274 | 168.94 | ng/ul | 98 |
| 77) Carbazole | 17.412 | 167 | 10103753 | 132.32 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.095 | 252 | 2850415 | 122.82 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 21.924 | 149 | 11958006 | 140.33 | ng/ul | 100 |

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

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