Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049228.D
Acq On : 8 Jul 2021 23:09
Operator : CG/JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD160306

**Manual Integrations APPROVED**
mohammad
7/9/2021 2:47:06 PM

Quant Time: Jul 09 02:37:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.078 | 152 | 33319 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.905 | 136 | 138968 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.730 | 164 | 96907 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.479 | 188 | 218453 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.768 | 240 | 211841 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.070 | 264 | 219773 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.883 | 84 | 354456 | 150.559 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.238 | 99 | 481310 | 166.269 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.403 | 67 | 269091 | 150.538 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.801 | 113 | 381423 | 160.627 | 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 | 11.040 | 131 | 496081 | 152.174 | 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 | 14.941 | 143 | 204673 | 172.398 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.858 | 200 | 240393 | 215.342 | 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 | 3.907 | 79 | 374694 | 159.333 | ng/ul | 93 |
| 6) Benzaldehyde | 7.215 | 77 | 231854 | 126.842 | ng/ul | 96 |
| 8) Phenol | 7.268 | 94 | 465831 | 152.220 | ng/ul | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.497 | 93 | 331234 | 148.424 | ng/ul# | 82 |
| 13) 2-Methylphenol | 8.525 | 108 | 361796 | 158.030 | ng/ul | 93 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.613 | 45 | 530722 | 201.286 | ng/ul | 100 |
| 16) Acetophenone | 8.919 | 105 | 596796 | 153.307 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.872 | 108 | 375858 | 156.384 | ng/ul | 94 |
| 32) 4-Chloroaniline | 11.063 | 127 | 479836 | 149.667 | ng/ul | 94 |
| 34) Caprolactam | 11.886 | 113 | 119520m | 129.729 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.902 | 237 | 377931 | 141.088 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.641 | 138 | 209074 | 157.685 | ng/ul | 92 |
| 53) 2,4-Dinitrophenol | 14.847 | 184 | 177876 | 193.877 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.965 | 109 | 246046 | 156.479 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.822 | 138 | 201728 | 146.122 | ng/ul | 86 |
| 66) 4,6-Dinitro-2-methylph... | 15.869 | 198 | 227251 | 193.879 | ng/ul# | 98 |
| 70) Atrazine | 16.939 | 200 | 376155 | 138.136 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.127 | 266 | 299037 | 161.428 | ng/ul | 96 |
| 77) Carbazole | 17.885 | 167 | 1441622 | 149.119 | ng/ul | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.663 | 252 | 715276 | 137.848 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.885 | 149 | 1913199 | 159.929 | ng/ul | 100 |

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