Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112221\
Data File : BN017544.D
Acq On : 22 Nov 2021 13:26
Operator : CG/JU
Sample : SSTD16050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD160250

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 16:05:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 15:40:34 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 270887 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.646 | 136 | 1133645 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.487 | 164 | 622972 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.228 | 188 | 1048699 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.416 | 240 | 675407 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.786 | 264 | 719513 | 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 | 3.711 | 84 | 3011552 | 151.413 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.028 | 99 | 3754456 | 152.245 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.187 | 67 | 2221048 | 143.724 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.569 | 113 | 2829508 | 145.868 | 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 | 10.787 | 131 | 3267397 | 136.018 | 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 | 14.698 | 143 | 1130958 | 147.553 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200 | 924839 | 169.793 | 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 | 3.728 | 79 | 2970823 | 148.424 | ng/ul | 97 |
| 6) Benzaldehyde | 6.981 | 77 | 943206 | 72.101 | ng/ul | 92 |
| 8) Phenol | 7.058 | 94 | 3665748 | 146.769 | ng/ul | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.281 | 93 | 2896930 | 141.458 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.299 | 108 | 2741687 | 145.744 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.387 | 45 | 3867326 | 140.072 | ng/ul | 96 |
| 16) Acetophenone | 8.681 | 105 | 3866297 | 133.282 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.652 | 108 | 2862679 | 142.053 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.810 | 127 | 3186225 | 130.726 | ng/ul | 99 |
| 34) Caprolactam | 11.622 | 113 | 798816m | 155.827 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.669 | 237 | 1897869 | 160.144 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.393 | 138 | 1166566 | 130.774 | ng/ul | 88 |
| 53) 2,4-Dinitrophenol | 14.598 | 184 | 780705 | 184.319 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.716 | 109 | 988080 | 147.805 | ng/ul# | 76 |
| 63) 4-Nitroaniline | 15.563 | 138 | 805128m | 102.894 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.622 | 198 | 892109 | 163.136 | ng/ul# | 83 |
| 70) Atrazine | 16.704 | 200 | 1622544 | 145.338 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.881 | 266 | 1035380 | 165.011 | ng/ul | 100 |
| 77) Carbazole | 17.634 | 167 | 6534117 | 134.173 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.333 | 252 | 1737968 | 135.270 | ng/ul | 93 |
| 89) Di-n-octyl phthalate | 22.257 | 149 | 8261416 | 151.178 | ng/ul | 100 |

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