Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
Data File : BG049435.D
Acq On : 23 Jul 2021 21:14
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD160413

**Manual Integrations APPROVED**
mohammad
7/26/2021 1:29:13 PM

Quant Time: Jul 23 23:58:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.049 | 152 | 25684 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.875 | 136 | 103243 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.699 | 164 | 68032 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.454 | 188 | 150732 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.736 | 240 | 150764 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 25.020 | 264 | 154091 | 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 | 3.849 | 84 | 289177 | 159.345 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.215 | 99 | 391072 | 175.256 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.373 | 67 | 210494 | 152.762 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.771 | 113 | 284452 | 155.400 | 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 | 11.010 | 131 | 377761 | 155.976 | 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 | 14.922 | 143 | 153216 | 183.831 | ng/ul | 0.03 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.827 | 200 | 172680 | 224.183 | 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 | 3.872 | 79 | 306207 | 168.917 | ng/ul | 94 |
| 6) Benzaldehyde | 7.185 | 77 | 179553 | 127.429 | ng/ul | 93 |
| 8) Phenol | 7.244 | 94 | 368471 | 156.199 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.467 | 93 | 254716 | 148.065 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.495 | 108 | 291750 | 165.316 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.584 | 45 | 286491 | 140.957 | ng/ul | 97 |
| 16) Acetophenone | 8.889 | 105 | 449400 | 149.761 | ng/ul# | 91 |
| 18) 4-Methylphenol | 8.848 | 108 | 297933 | 160.811 | ng/ul | 98 |
| 32) 4-Chloroaniline | 11.039 | 127 | 362254m | 152.090 | ng/ul | |
| 34) Caprolactam | 11.844 | 113 | 88508m | 129.311 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.878 | 237 | 250472 | 133.192 | ng/ul | 94 |
| 51) 3-Nitroaniline | 14.617 | 138 | 161480 | 173.481 | ng/ul | 89 |
| 53) 2,4-Dinitrophenol | 14.822 | 184 | 115550 | 179.399 | ng/ul | 82 |
| 55) 4-Nitrophenol | 14.940 | 109 | 203544 | 184.391 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.791 | 138 | 153756 | 158.644 | ng/ul | 88 |
| 66) 4,6-Dinitro-2-methylph... | 15.844 | 198 | 154790 | 191.391 | ng/ul# | 85 |
| 70) Atrazine | 16.913 | 200 | 280866 | 149.483 | ng/ul | 96 |
| 71) Pentachlorophenol | 17.101 | 266 | 187841 | 146.960 | ng/ul | 93 |
| 77) Carbazole | 17.859 | 167 | 1096772 | 164.418 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.631 | 252 | 514599 | 139.350 | ng/ul | 96 |
| 89) Di-n-octyl phthalate | 22.841 | 149 | 1491552 | 177.829 | ng/ul | 100 |

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

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