Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041898.D
Acq On : 2 Aug 2019 22:19
Operator : HP/JU
Sample : SSTD16075
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD16075

**Manual Integrations APPROVED**
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8/5/2019 3:01:20 PM

Quant Time: Aug 03 02:39:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 75366 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.86 | 136 | 336951 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 247716 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.45 | 188 | 555418 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.73 | 240 | 541146 | 20.00 | ng/ul | 0.01 |
| 85) Perylene-d12 | 25.00 | 264 | 637239 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.19 | 99 | 918531 | 143.48 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.36 | 67 | 493737 | 131.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.75 | 113 | 778054 | 146.52 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 0.00 | 128 | 0d | 0.00 | ng/ul | |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 10.99 | 131 | 928233 | 143.06 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 46) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 51) 4-Nitrophenol-d4 | 14.91 | 143 | 513748 | 145.15 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 616343 | 179.72 | ng/ul | 0.03 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 78) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 89) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.16 | 77 | 435224 | 147.448 | ng/ul | 98 |
| 6) Phenol | 7.22 | 94 | 923619 | 149.846 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.45 | 93 | 690395 | 146.864 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.48 | 108 | 764886 | 159.945 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 1137580 | 177.992 | ng/ul# | 95 |
| 14) Acetophenone | 8.87 | 105 | 1127214 | 145.547 | ng/ul | 95 |
| 16) 4-Methylphenol | 8.83 | 108 | 817640 | 157.682 | ng/ul | 93 |
| 30) 4-Chloroaniline | 11.02 | 127 | 917927 | 148.718 | ng/ul | 97 |
| 32) Caprolactam | 11.83 | 113 | 295746m | 181.688 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 12.88 | 237 | 872556 | 162.996 | ng/ul# | 91 |
| 48) 3-Nitroaniline | 14.60 | 138 | 515978 | 153.487 | ng/ul | 93 |
| 50) 2,4-Dinitrophenol | 14.81 | 184 | 464139 | 233.644 | ng/ul | 95 |
| 52) 4-Nitrophenol | 14.92 | 109 | 387010 | 147.882 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.79 | 138 | 602952 | 167.935 | ng/ul | 92 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 198 | 654655 | 189.027 | ng/ul# | 95 |
| 67) Atrazine | 16.91 | 200 | 977476 | 154.872 | ng/ul | 96 |
| 68) Pentachlorophenol | 17.10 | 266 | 744802 | 192.230 | ng/ul | 100 |
| 74) Carbazole | 17.85 | 167 | 3041819 | 115.707 | ng/ul# | 80 |
| 76) Fluoranthene | 19.50 | 202 | 3561661 | 102.083 | ng/ul# | 82 |
| 81) 3,3'-Dichlorobenzidine | 21.63 | 252 | 1640780 | 133.546 | ng/ul | 96 |
| 86) Di-n-octyl phthalate | 22.86 | 149 | 3709139 | 102.955 | ng/ul | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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