Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009747.D
Acq On : 18 Feb 2020 17:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02069

Manual Integrations APPROVED
mohammad
2/20/2020 8:57:51 AM

Quant Time: Feb 19 03:37:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:49:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.42 | 152 | 119931 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.16 | 136 | 481909 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.06 | 164 | 307375 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.81 | 188 | 658319 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.03 | 240 | 641743 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.14 | 264 | 651249 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.05 | 96 | 23272 | 7.98 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.62 | 99 | 203133 | 19.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.77 | 67 | 143275 | 20.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.96 | 132 | 158599 | 20.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.13 | 113 | 163002 | 20.09 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.56 | 128 | 74515 | 21.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.27 | 143 | 82914 | 21.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.80 | 165 | 157709 | 21.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.32 | 131 | 176105 | 21.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.48 | 166 | 475674 | 20.72 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.74 | 160 | 572777 | 21.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.29 | 143 | 82414 | 19.65 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.06 | 176 | 416765 | 21.02 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.21 | 200 | 77971 | 19.07 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.91 | 188 | 639073 | 21.18 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.22 | 212 | 668309 | 19.92 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.00 | 264 | 687842 | 21.15 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.08 | 88 | 26124 | 7.799 | ng/uL | 98 |
| 4) Benzaldehyde | 6.58 | 77 | 149660 | 22.061 | ng/ul | 96 |
| 6) Phenol | 6.64 | 94 | 216846 | 19.837 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 6.86 | 93 | 178608 | 20.788 | ng/ul | 95 |
| 10) 2-Chlorophenol | 6.99 | 128 | 168454 | 20.824 | ng/ul | 96 |
| 11) 2-Methylphenol | 7.86 | 108 | 160190 | 20.025 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.95 | 45 | 452847 | 21.500 | ng/ul | 99 |
| 14) Acetophenone | 8.23 | 105 | 262771 | 19.873 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.22 | 70 | 147725 | 21.381 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.19 | 108 | 174097 | 19.835 | ng/ul | 99 |
| 17) Hexachloroethane | 8.46 | 117 | 77670 | 21.104 | ng/ul | 97 |
| 20) Nitrobenzene | 8.60 | 77 | 224413 | 21.601 | ng/ul | 98 |
| 21) Isophorone | 9.12 | 82 | 387428 | 21.190 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.30 | 139 | 92458 | 21.424 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.37 | 107 | 201744 | 21.530 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.60 | 93 | 240443 | 21.518 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.83 | 162 | 163378 | 21.840 | ng/ul | 96 |
| 28) Naphthalene | 10.21 | 128 | 553988 | 21.318 | ng/ul | 97 |
| 30) 4-Chloroaniline | 10.34 | 127 | 181018 | 21.219 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.50 | 225 | 107477 | 21.483 | ng/ul | 94 |
| 32) Caprolactam | 11.12 | 113 | 48166m | 19.199 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.47 | 107 | 182421 | 21.326 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.83 | 142 | 383885 | 21.274 | ng/ul | 96 |

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Quant Time: Feb 19 03:37:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:49:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.06 | 142 | 381759 | 21.106 | ng/uL | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.22 | 216 | 194931 | 21.395 | ng/ul | 90 |
| 38) Hexachlorocyclopentadiene | 12.19 | 237 | 75310 | 19.105 | ng/ul | 94 |
| 39) 2,4,6-Trichlorophenol | 12.47 | 196 | 124096 | 21.461 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.55 | 196 | 128894 | 20.778 | ng/ul | 94 |
| 41) 1,1'-Biphenyl | 12.87 | 154 | 497546 | 21.075 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 12.91 | 162 | 396263 | 21.135 | ng/ul | 94 |
| 43) 2-Nitroaniline | 13.13 | 65 | 146629 | 21.386 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.53 | 163 | 505185 | 21.087 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.65 | 165 | 101087 | 21.554 | ng/ul | 96 |
| 48) Acenaphthylene | 13.77 | 152 | 630283 | 21.536 | ng/ul | 99 |
| 49) 3-Nitroaniline | 13.98 | 138 | 89143 | 20.588 | ng/ul | 98 |
| 50) Acenaphthene | 14.12 | 153 | 424981 | 21.182 | ng/ul | 97 |
| 51) 2,4-Dinitrophenol | 14.21 | 184 | 47104 | 17.495 | ng/ul | 96 |
| 53) 4-Nitrophenol | 14.30 | 109 | 80345 | 21.235 | ng/ul | 91 |
| 54) Dibenzofuran | 14.46 | 168 | 588777 | 20.908 | ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 14.46 | 165 | 145882 | 20.988 | ng/ul | 91 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.70 | 232 | 112397 | 21.073 | ng/ul | 96 |
| 57) Diethylphthalate | 14.91 | 149 | 521166 | 21.186 | ng/ul | 99 |
| 59) Fluorene | 15.12 | 166 | 494047 | 20.905 | ng/ul | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.12 | 204 | 246784 | 21.173 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.15 | 138 | 98238 | 18.605 | ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.23 | 198 | 84782 | 19.245 | ng/ul | 99 |
| 65) N-Nitrosodiphenylamine | 15.33 | 169 | 414411 | 21.216 | ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.01 | 248 | 137757 | 20.913 | ng/ul | 96 |
| 67) Hexachlorobenzene | 16.12 | 284 | 147096 | 20.180 | ng/ul | 97 |
| 68) Atrazine | 16.30 | 200 | 151480 | 20.444 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.47 | 266 | 79917 | 18.972 | ng/ul | 97 |
| 70) Phenanthrene | 16.85 | 178 | 781608 | 20.804 | ng/ul | 98 |
| 72) Anthracene | 16.94 | 178 | 809916 | 21.088 | ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.84 | 216 | 205201 | 21.335 | ng/uL | 94 |
| 74) Pentachlorobenzene | 14.38 | 250 | 193253 | 20.836 | ng/uL | 98 |
| 75) Carbazole | 17.22 | 167 | 686338 | 20.292 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 17.80 | 149 | 872154 | 20.892 | ng/ul | 100 |
| 77) Fluoranthene | 18.88 | 202 | 884894 | 20.107 | ng/ul | 99 |
| 80) Pyrene | 19.24 | 202 | 941226 | 20.343 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.18 | 149 | 378287 | 19.889 | ng/ul | 96 |
| 82) 3,3'-Dichlorobenzidine | 20.96 | 252 | 271046 | 19.371 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.02 | 228 | 895255 | 20.300 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 582303 | 20.053 | ng/ul | 96 |
| 85) Chrysene | 21.07 | 228 | 873762 | 20.125 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 21.83 | 149 | 984313 | 19.969 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.52 | 252 | 866564 | 20.523 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.56 | 252 | 867273 | 21.692 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.05 | 252 | 800322 | 21.074 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.19 | 276 | 954002 | 21.158 | ng/ul | 96 |
| 93) Dibenzo(a,h)anthracene | 25.20 | 278 | 794304 | 20.593 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 25.82 | 276 | 783803 | 20.732 | ng/ul | 97 |

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 02:49:03 2020
Response via : Initial Calibration

**Instrument :**
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2/20/2020 8:57:51 AM

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

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

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