Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062620\
Data File : BM026606.D
Acq On : 27 Jun 2020 01:31
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02024

**Manual Integrations APPROVED**
mohammad
6/29/2020 3:18:08 PM

Quant Time: Jun 27 02:09:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 27 01:55:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.36 | 152 | 84861 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.12 | 136 | 396392 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.02 | 164 | 274609 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.78 | 188 | 640838 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.00 | 240 | 790627 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.07 | 264 | 772938 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.96 | 96 | 19423 | 8.03 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.57 | 99 | 171730 | 21.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.72 | 67 | 117545 | 23.77 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.90 | 132 | 128707 | 20.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.09 | 113 | 141206 | 22.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.51 | 128 | 65300 | 18.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.23 | 143 | 73797 | 19.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.76 | 165 | 145303 | 20.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.27 | 131 | 191130 | 25.69 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.45 | 166 | 463873 | 20.09 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.71 | 160 | 554181 | 20.01 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.27 | 143 | 75346 | 19.68 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.03 | 176 | 407334 | 20.56 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 80104 | 19.10 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.88 | 188 | 665688 | 20.41 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.19 | 212 | 788016 | 18.17 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.94 | 264 | 872764 | 20.42 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.99 | 88 | 21868 | 8.151 | ng/uL | 96 |
| 4) Benzaldehyde | 6.53 | 77 | 112631 | 25.078 | ng/ul | 99 |
| 6) Phenol | 6.60 | 94 | 188212 | 21.985 | ng/ul | 93 |
| 8) Bis(2-Chloroethyl)ether | 6.82 | 93 | 144005 | 22.477 | ng/ul | 94 |
| 10) 2-Chlorophenol | 6.94 | 128 | 138900 | 20.326 | ng/ul | 98 |
| 11) 2-Methylphenol | 7.83 | 108 | 141683 | 22.771 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.90 | 45 | 286815m | 26.226 | ng/ul | |
| 14) Acetophenone | 8.19 | 105 | 242407 | 24.002 | ng/ul | 92 |
| 15) N-Nitroso-di-n-propylamine | 8.18 | 70 | 142202 | 23.565 | ng/ul | 94 |
| 16) 4-Methylphenol | 8.16 | 108 | 157169 | 23.324 | ng/ul | 99 |
| 17) Hexachloroethane | 8.42 | 117 | 60634 | 20.892 | ng/ul | 91 |
| 20) Nitrobenzene | 8.55 | 77 | 200731 | 20.949 | ng/ul | 94 |
| 21) Isophorone | 9.08 | 82 | 367558 | 20.734 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.26 | 139 | 82492 | 19.125 | ng/ul | 87 |
| 24) 2,4-Dimethylphenol | 9.33 | 107 | 192110 | 21.183 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.57 | 93 | 212607 | 20.693 | ng/ul | 97 |
| 27) 2,4-Dichlorophenol | 9.79 | 162 | 146191 | 20.328 | ng/ul | 97 |
| 28) Naphthalene | 10.17 | 128 | 478392 | 19.847 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.30 | 127 | 198753 | 25.791 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.46 | 225 | 97193 | 20.456 | ng/ul | 99 |
| 32) Caprolactam | 11.07 | 113 | 52157m | 23.062 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.44 | 107 | 183914 | 21.995 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 11.80 | 142 | 357307 | 21.092 | ng/ul | 97 |

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 27 02:09:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 27 01:55:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.02 | 142 | 332535 | 21.115 | ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.18 | 216 | 197087 | 19.642 | ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.16 | 237 | 94803 | 18.909 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.44 | 196 | 127404 | 19.630 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.52 | 196 | 137421 | 19.623 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 12.84 | 154 | 474611 | 19.476 | ng/ul | 98 |
| 42) 2-Chloronaphthalene | 12.87 | 162 | 369048 | 19.681 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.10 | 65 | 143978 | 21.307 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.50 | 163 | 483814 | 20.177 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.62 | 165 | 100449 | 20.150 | ng/ul# | 85 |
| 48) Acenaphthylene | 13.74 | 152 | 584149 | 19.798 | ng/ul | 100 |
| 49) 3-Nitroaniline | 13.94 | 138 | 100555 | 22.467 | ng/ul | 99 |
| 50) Acenaphthene | 14.09 | 153 | 404659 | 19.876 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.17 | 184 | 46152 | 18.121 | ng/ul | 87 |
| 53) 4-Nitrophenol | 14.28 | 109 | 79639 | 23.823 | ng/ul | 88 |
| 54) Dibenzofuran | 14.43 | 168 | 587111 | 20.427 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.42 | 165 | 154035 | 21.333 | ng/ul# | 76 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.67 | 232 | 129158 | 21.594 | ng/ul | 96 |
| 57) Diethylphthalate | 14.89 | 149 | 512734 | 21.147 | ng/ul | 99 |
| 59) Fluorene | 15.09 | 166 | 496025 | 20.908 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.09 | 204 | 251339 | 20.948 | ng/ul | 97 |
| 61) 4-Nitroaniline | 15.12 | 138 | 111147m | 21.876 | ng/ul | |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198 | 83616 | 19.404 | ng/ul | 95 |
| 65) N-Nitrosodiphenylamine | 15.31 | 169 | 429844 | 19.524 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 15.99 | 248 | 158636 | 19.733 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.09 | 284 | 178155 | 19.807 | ng/ul | 99 |
| 68) Atrazine | 16.28 | 200 | 163167 | 21.747 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.44 | 266 | 96791 | 22.511 | ng/ul | 99 |
| 70) Phenanthrene | 16.82 | 178 | 808662 | 20.119 | ng/ul | 100 |
| 72) Anthracene | 16.92 | 178 | 842862 | 20.459 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.80 | 216 | 196406 | 18.105 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.35 | 250 | 199738 | 19.156 | ng/uL | 99 |
| 75) Carbazole | 17.19 | 167 | 748538 | 21.866 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.78 | 149 | 929656 | 20.749 | ng/ul | 99 |
| 77) Fluoranthene | 18.85 | 202 | 1005625 | 22.901 | ng/ul | 99 |
| 80) Pyrene | 19.22 | 202 | 1064257 | 18.309 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.15 | 149 | 452574 | 18.288 | ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 20.92 | 252 | 344349 | 18.853 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 20.98 | 228 | 1121815 | 19.918 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 20.94 | 149 | 711908 | 19.044 | ng/ul | 100 |
| 85) Chrysene | 21.03 | 228 | 1104809 | 20.207 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 21.79 | 149 | 1266903 | 22.833 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.47 | 252 | 1120116 | 21.132 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.51 | 252 | 1131570 | 22.194 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 22.99 | 252 | 976537 | 20.913 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.10 | 276 | 1061370 | 17.341 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.11 | 278 | 905620 | 17.732 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 25.71 | 276 | 857120 | 16.764 | ng/ul | 98 |

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Sample : SSTDCCC020EC
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Quant Time: Jun 27 02:09:35 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 27 01:55:22 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02024

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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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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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