Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062620\
Data File : BM026589.D
Acq On : 26 Jun 2020 15:14
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

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6/29/2020 3:17:35 PM

Quant Time: Jun 26 15:52:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 11:31:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.37 | 152 | 79334 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.12 | 136 | 374075 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.03 | 164 | 254564 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.78 | 188 | 579293 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.00 | 240 | 691307 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.09 | 264 | 674549 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.96 | 96 | 17401 | 7.69 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.57 | 99 | 161776 | 22.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.73 | 67 | 108635 | 23.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.91 | 132 | 120572 | 20.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.09 | 113 | 132289 | 23.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.52 | 128 | 63073 | 18.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.23 | 143 | 69021 | 18.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.76 | 165 | 133103 | 19.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.27 | 131 | 175039 | 24.93 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.46 | 166 | 434498 | 20.30 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.71 | 160 | 512897 | 19.98 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.27 | 143 | 69527 | 19.59 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.03 | 176 | 376745 | 20.51 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 72279 | 19.06 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.88 | 188 | 598961 | 20.31 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.19 | 212 | 701305 | 18.50 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.96 | 264 | 763820 | 20.48 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.99 | 88 | 19013 | 7.581 | ng/uL | 92 |
| 4) Benzaldehyde | 6.53 | 77 | 105503 | 25.127 | ng/ul | 99 |
| 6) Phenol | 6.60 | 94 | 171603 | 21.441 | ng/ul | 93 |
| 8) Bis(2-Chloroethyl)ether | 6.82 | 93 | 137284 | 22.920 | ng/ul | 96 |
| 10) 2-Chlorophenol | 6.94 | 128 | 131014 | 20.508 | ng/ul | 98 |
| 11) 2-Methylphenol | 7.83 | 108 | 129651 | 22.289 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.90 | 45 | 268292 | 26.241 | ng/ul | 97 |
| 14) Acetophenone | 8.19 | 105 | 226698 | 24.011 | ng/ul | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.18 | 70 | 134994 | 23.929 | ng/ul | 95 |
| 16) 4-Methylphenol | 8.16 | 108 | 147264 | 23.376 | ng/ul | 100 |
| 17) Hexachloroethane | 8.42 | 117 | 55925 | 20.612 | ng/ul | 97 |
| 20) Nitrobenzene | 8.56 | 77 | 183782 | 20.325 | ng/ul | 96 |
| 21) Isophorone | 9.08 | 82 | 348053 | 20.805 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.26 | 139 | 78206 | 19.213 | ng/ul | 89 |
| 24) 2,4-Dimethylphenol | 9.34 | 107 | 175553 | 20.512 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.57 | 93 | 197301 | 20.349 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 9.79 | 162 | 134288 | 19.787 | ng/ul | 97 |
| 28) Naphthalene | 10.17 | 128 | 446463 | 19.627 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.30 | 127 | 184479 | 25.367 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.46 | 225 | 91469 | 20.400 | ng/ul | 99 |
| 32) Caprolactam | 11.07 | 113 | 46246m | 21.669 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.45 | 107 | 166647 | 21.119 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 11.80 | 142 | 335427 | 20.981 | ng/ul | 99 |

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Quant Time: Jun 26 15:52:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 11:31:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.02 | 142 | 306514 | 20.624 | ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.19 | 216 | 184502 | 19.836 | ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.16 | 237 | 85451 | 18.386 | ng/ul | 97 |
| 39) 2,4,6-Trichlorophenol | 12.44 | 196 | 118314 | 19.665 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.52 | 196 | 127354 | 19.617 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 12.84 | 154 | 441738 | 19.554 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 12.88 | 162 | 343382 | 19.754 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.10 | 65 | 131198 | 20.944 | ng/ul | 96 |
| 45) Dimethylphthalate | 13.50 | 163 | 447972 | 20.154 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.62 | 165 | 93408 | 20.213 | ng/ul | 94 |
| 48) Acenaphthylene | 13.74 | 152 | 547842 | 20.030 | ng/ul | 99 |
| 49) 3-Nitroaniline | 13.95 | 138 | 89507 | 21.574 | ng/ul | 96 |
| 50) Acenaphthene | 14.09 | 153 | 375583 | 19.901 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.17 | 184 | 40546 | 17.174 | ng/ul | 94 |
| 53) 4-Nitrophenol | 14.29 | 109 | 68449 | 22.088 | ng/ul | 96 |
| 54) Dibenzofuran | 14.43 | 168 | 541855 | 20.337 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 14.42 | 165 | 139070 | 20.777 | ng/ul# | 82 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.67 | 232 | 117067 | 21.113 | ng/ul | 95 |
| 57) Diethylphthalate | 14.89 | 149 | 474416 | 21.107 | ng/ul | 98 |
| 59) Fluorene | 15.09 | 166 | 454269 | 20.656 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.09 | 204 | 230224 | 20.699 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.13 | 138 | 96535m | 20.496 | ng/ul | |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198 | 75325 | 19.337 | ng/ul | 92 |
| 65) N-Nitrosodiphenylamine | 15.31 | 169 | 391856 | 19.689 | ng/ul | 100 |
| 66) 4-Bromophenyl-phenylether | 15.99 | 248 | 142558 | 19.617 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.10 | 284 | 161762 | 19.895 | ng/ul | 99 |
| 68) Atrazine | 16.28 | 200 | 146533 | 21.605 | ng/ul | 96 |
| 69) Pentachlorophenol | 16.44 | 266 | 88140 | 22.677 | ng/ul | 96 |
| 70) Phenanthrene | 16.83 | 178 | 739559 | 20.355 | ng/ul | 100 |
| 72) Anthracene | 16.92 | 178 | 763568 | 20.504 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.80 | 216 | 185714 | 18.938 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.36 | 250 | 185136 | 19.642 | ng/uL | 100 |
| 75) Carbazole | 17.20 | 167 | 669779 | 21.644 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.78 | 149 | 844259 | 20.845 | ng/ul | 99 |
| 77) Fluoranthene | 18.86 | 202 | 905675 | 22.817 | ng/ul | 99 |
| 80) Pyrene | 19.22 | 202 | 949145 | 18.675 | ng/ul | 97 |
| 81) Butylbenzylphthalate | 20.16 | 149 | 402092 | 18.583 | ng/ul | 96 |
| 82) 3,3'-Dichlorobenzidine | 20.93 | 252 | 310166 | 19.421 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 20.99 | 228 | 985270 | 20.007 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 20.95 | 149 | 637094 | 19.491 | ng/ul | 99 |
| 85) Chrysene | 21.04 | 228 | 961189 | 20.106 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.80 | 149 | 1115939 | 23.046 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.47 | 252 | 1003804 | 21.700 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.51 | 252 | 958478 | 21.541 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.00 | 252 | 844747 | 20.729 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.11 | 276 | 925880 | 17.334 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.12 | 278 | 785415 | 17.622 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 25.72 | 276 | 740311 | 16.591 | ng/ul | 99 |

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ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 26 15:52:42 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 11:31:11 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
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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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ALS Vial : 2 Sample Multiplier: 1

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