Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022586.D
Acq On : 09 Sep 2019 03:18
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02060

**Manual Integrations APPROVED**
mohammad
9/10/2019 2:08:47 PM

Quant Time: Sep 09 04:06:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 01:43:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 318416 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.65 | 136 | 1457748 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.49 | 164 | 931375 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.22 | 188 | 1916219 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.40 | 240 | 2046132 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.69 | 264 | 2359445 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 61629 | 8.06 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.01 | 99 | 603380 | 20.54 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.18 | 67 | 359912 | 21.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.39 | 132 | 481261 | 20.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.56 | 113 | 489547 | 20.50 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.00 | 128 | 224736 | 21.37 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.73 | 143 | 207091 | 21.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.27 | 165 | 483491 | 19.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.77 | 131 | 704302 | 21.65 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.89 | 166 | 1458910 | 19.33 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.18 | 160 | 1890903 | 20.92 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.66 | 143 | 283003 | 21.95 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.47 | 176 | 1261663 | 19.97 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 182863 | 21.00 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.32 | 188 | 2009933 | 20.48 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.61 | 212 | 2207812 | 19.45 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.54 | 264 | 2426872 | 19.14 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 61205 | 7.960 | ng/uL | 95 |
| 4) Benzaldehyde | 6.99 | 77 | 395090 | 25.759 | ng/ul | 98 |
| 6) Phenol | 7.04 | 94 | 621154 | 20.239 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.27 | 93 | 475466 | 20.397 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.42 | 128 | 493818 | 20.251 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.29 | 108 | 473976 | 19.788 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.39 | 45 | 719247 | 20.980 | ng/ul | 99 |
| 14) Acetophenone | 8.67 | 105 | 765996 | 20.557 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.66 | 70 | 397825 | 19.765 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.62 | 108 | 513127 | 19.840 | ng/ul | 99 |
| 17) Hexachloroethane | 8.94 | 117 | 192836 | 19.961 | ng/ul | 96 |
| 20) Nitrobenzene | 9.05 | 77 | 558578 | 21.228 | ng/ul | 98 |
| 21) Isophorone | 9.58 | 82 | 1092733 | 18.533 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.76 | 139 | 245145 | 21.297 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.82 | 107 | 561035 | 19.440 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.06 | 93 | 681951 | 19.726 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.29 | 162 | 469751 | 19.324 | ng/ul | 99 |
| 28) Naphthalene | 10.70 | 128 | 1589486 | 19.667 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.80 | 127 | 695468 | 20.816 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.00 | 225 | 274782 | 18.348 | ng/ul | 98 |
| 32) Caprolactam | 11.56 | 113 | 209980m | 23.205 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.92 | 107 | 517814 | 19.303 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.31 | 142 | 1172173 | 19.251 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.53 | 142 | 1154692 | 19.848 | ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.68 | 216 | 565257 | 18.809 | ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.67 | 237 | 316525 | 17.085 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.92 | 196 | 360236 | 19.150 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.99 | 196 | 399483 | 19.583 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.32 | 154 | 1490498 | 19.218 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.36 | 162 | 1164541 | 19.832 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.56 | 65 | 326200 | 23.794 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.95 | 163 | 1472091 | 19.216 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.05 | 165 | 280963 | 22.526 | ng/ul | 100 |
| 48) Acenaphthylene | 14.21 | 152 | 1770465 | 18.888 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.38 | 138 | 325801 | 24.089 | ng/ul# | 97 |
| 50) Acenaphthene | 14.55 | 153 | 1284064 | 19.770 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.58 | 184 | 111706 | 19.524 | ng/ul# | 79 |
| 53) 4-Nitrophenol | 14.68 | 109 | 222493 | 21.480 | ng/ul | 96 |
| 54) Dibenzofuran | 14.89 | 168 | 1756159 | 19.482 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.84 | 165 | 419869 | 22.981 | ng/ul | 96 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.11 | 232 | 327609 | 19.332 | ng/ul | 99 |
| 57) Diethylphthalate | 15.31 | 149 | 1508573 | 19.033 | ng/ul | 99 |
| 59) Fluorene | 15.53 | 166 | 1492524 | 20.126 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.53 | 204 | 728155 | 19.840 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.54 | 138 | 366908 | 23.807 | ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.60 | 198 | 196963 | 19.543 | ng/ul | 95 |
| 65) N-Nitrosodiphenylamine | 15.74 | 169 | 1274841 | 19.496 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.42 | 248 | 439392 | 18.352 | ng/ul | 99 |
| 67) Hexachlorobenzene | 16.54 | 284 | 507773 | 19.246 | ng/ul | 98 |
| 68) Atrazine | 16.69 | 200 | 544302 | 21.652 | ng/ul | 100 |
| 69) Pentachlorophenol | 16.87 | 266 | 270157 | 18.558 | ng/ul | 98 |
| 70) Phenanthrene | 17.27 | 178 | 2339097 | 19.936 | ng/ul | 100 |
| 72) Anthracene | 17.36 | 178 | 2403674 | 19.944 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.29 | 216 | 556225 | 18.646 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.81 | 250 | 587650 | 19.541 | ng/uL | 99 |
| 75) Carbazole | 17.62 | 167 | 2195653 | 20.269 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.19 | 149 | 2584003 | 18.836 | ng/ul | 99 |
| 77) Fluoranthene | 19.27 | 202 | 2742996 | 20.601 | ng/ul | 97 |
| 80) Pyrene | 19.64 | 202 | 2869165 | 19.376 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.54 | 149 | 1150383 | 18.426 | ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.31 | 252 | 971359 | 18.668 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.38 | 228 | 2967982 | 19.554 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 1827414 | 19.289 | ng/ul | 100 |
| 85) Chrysene | 21.43 | 228 | 2772008 | 19.846 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.22 | 149 | 2959252 | 17.520 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.99 | 252 | 3007153 | 19.373 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.04 | 252 | 2984981 | 19.788 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.59 | 252 | 2966825 | 20.032 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 26.02 | 276 | 3522005 | 20.585 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 26.03 | 278 | 2930789 | 20.584 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.73 | 276 | 2772219 | 19.724 | ng/ul | 97 |

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|---|---|---|---|---|---|---|

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

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