Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024036.D
Acq On : 11 Dec 2019 16:41
Operator : JU
Sample : BS-ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BS-ME

**Manual Integrations APPROVED**
mohammad
12/12/2019 11:25:49 AM

Quant Time: Dec 12 03:14:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 416739 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.25 | 136 | 1844997 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.14 | 164 | 1201129 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.89 | 188 | 2415718 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.10 | 240 | 1777183 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.24 | 264 | 1894797 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.02 | 96 | 163681 | 17.48 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.67 | 99 | 1550004 | 42.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.83 | 67 | 938593 | 44.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.02 | 132 | 1179660 | 41.79 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.20 | 113 | 1237502 | 42.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.63 | 128 | 585262 | 40.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.35 | 143 | 671781 | 41.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.88 | 165 | 1273033 | 41.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.39 | 131 | 1548954 | 45.79 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.56 | 166 | 3812535 | 40.85 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.83 | 160 | 4444748 | 40.64 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.37 | 143 | 630084 | 40.16 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.14 | 176 | 3191758 | 40.64 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.29 | 200 | 639354 | 42.16 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.99 | 188 | 4679244 | 40.56 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.30 | 212 | 4340315 | 47.26 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.10 | 264 | 4123308 | 41.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.06 | 88 | 175903 | 17.511 | ng/uL | 96 |
| 4) Benzaldehyde | 6.63 | 77 | 905032 | 47.050 | ng/ul | 96 |
| 6) Phenol | 6.69 | 94 | 1584897 | 42.182 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 6.92 | 93 | 1221825 | 41.823 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.05 | 128 | 1200887 | 41.573 | ng/ul | 99 |
| 11) 2-Methylphenol | 7.93 | 108 | 1166465 | 41.617 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.01 | 45 | 1397830 | 44.066 | ng/ul | 98 |
| 14) Acetophenone | 8.30 | 105 | 1883070 | 42.742 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.30 | 70 | 1080477 | 45.868 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.26 | 108 | 1285484 | 42.144 | ng/ul | 99 |
| 17) Hexachloroethane | 8.53 | 117 | 495745 | 41.606 | ng/ul | 97 |
| 20) Nitrobenzene | 8.67 | 77 | 1490391 | 42.843 | ng/ul | 98 |
| 21) Isophorone | 9.20 | 82 | 2855456 | 43.238 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.37 | 139 | 714912 | 41.518 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.45 | 107 | 1458864 | 41.986 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.69 | 93 | 1765711 | 42.616 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 9.91 | 162 | 1206027 | 40.720 | ng/ul | 98 |
| 28) Naphthalene | 10.30 | 128 | 3881409 | 39.904 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.42 | 127 | 1564400 | 44.946 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.59 | 225 | 739886 | 39.562 | ng/ul | 96 |
| 32) Caprolactam | 11.22 | 113 | 394981m | 44.164 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.56 | 107 | 1360244 | 43.393 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 11.92 | 142 | 2907840 | 41.172 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.15 | 142 | 2848344 | 41.078 | ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.30 | 216 | 1450645 | 38.720 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.28 | 237 | 615510 | 35.257 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.56 | 196 | 986105 | 40.404 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.63 | 196 | 1061767 | 40.923 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 12.96 | 154 | 3821048 | 39.373 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.00 | 162 | 2925185 | 39.392 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.22 | 65 | 887309 | 45.972 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.61 | 163 | 3722860 | 40.750 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.73 | 165 | 788922 | 44.137 | ng/ul | 99 |
| 48) Acenaphthylene | 13.86 | 152 | 4469795 | 40.412 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.06 | 138 | 714770 | 42.761 | ng/ul | 98 |
| 50) Acenaphthene | 14.20 | 153 | 3131224 | 39.848 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.28 | 184 | 411154 | 43.151 | ng/ul | 98 |
| 53) 4-Nitrophenol | 14.39 | 109 | 486257 | 42.058 | ng/ul | 95 |
| 54) Dibenzofuran | 14.54 | 168 | 4457965 | 40.098 | ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.53 | 165 | 1122263 | 43.166 | ng/ul | 99 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.77 | 232 | 931510 | 40.756 | ng/ul | 99 |
| 57) Diethylphthalate | 14.99 | 149 | 3823577 | 41.826 | ng/ul | 99 |
| 59) Fluorene | 15.20 | 166 | 3655815 | 40.773 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.20 | 204 | 1819714 | 40.285 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.23 | 138 | 692134 | 36.705 | ng/ul | 100 |
| 64) 4,6-Dinitro-2-methylphenol | 15.30 | 198 | 670307 | 41.159 | ng/ul# | 97 |
| 65) N-Nitrosodiphenylamine | 15.42 | 169 | 3164679 | 41.368 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.09 | 248 | 1199633 | 40.733 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.20 | 284 | 1373199 | 40.228 | ng/ul | 98 |
| 68) Atrazine | 16.38 | 200 | 1114297 | 41.549 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.55 | 266 | 758616 | 39.218 | ng/ul | 96 |
| 70) Phenanthrene | 16.93 | 178 | 5491621 | 40.241 | ng/ul | 99 |
| 72) Anthracene | 17.03 | 178 | 5628409 | 40.623 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.92 | 216 | 1434005 | 39.469 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.46 | 250 | 1558681 | 39.895 | ng/uL | 98 |
| 75) Carbazole | 17.30 | 167 | 4762971 | 39.700 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.88 | 149 | 6217781 | 41.679 | ng/ul | 99 |
| 77) Fluoranthene | 18.96 | 202 | 5677923 | 38.797 | ng/ul | 98 |
| 80) Pyrene | 19.33 | 202 | 5598583 | 46.755 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.25 | 149 | 2352973 | 46.254 | ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.02 | 252 | 1635633 | 36.400 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.09 | 228 | 4785793 | 40.289 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.04 | 149 | 3365881 | 44.517 | ng/ul | 99 |
| 85) Chrysene | 21.13 | 228 | 4453701 | 39.925 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 21.89 | 149 | 5167843 | 46.643 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.60 | 252 | 4877171 | 41.622 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.64 | 252 | 4584104 | 41.211 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 23.14 | 252 | 4548310 | 41.052 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.36 | 276 | 5610216 | 40.779 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.37 | 278 | 4710437 | 40.763 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.00 | 276 | 4631234 | 40.195 | ng/ul | 100 |

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

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