Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016849.D
Acq On : 22 Sep 2018 01:18
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02072

**Manual Integrations APPROVED**
Sohil
9/24/2018 5:27:21 PM

Quant Time: Sep 22 03:54:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 02:21:05 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 234801 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.50 | 136 | 980892 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.36 | 164 | 540704 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.10 | 188 | 1224396 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.29 | 240 | 1461712 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.53 | 264 | 1549092 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 40942 | 7.46 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 375469 | 18.96 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 234221 | 19.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 320316 | 19.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 293920 | 19.18 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.87 | 128 | 147855 | 22.94 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 143330 | 24.46 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 300623 | 20.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 379816 | 21.13 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.77 | 166 | 861018 | 19.83 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.04 | 160 | 1118105 | 19.94 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.56 | 143 | 154893 | 21.74 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.35 | 176 | 783735 | 20.68 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 119419 | 23.76 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.20 | 188 | 1210136 | 20.49 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.50 | 212 | 1358356 | 19.15 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.39 | 264 | 1630770 | 20.18 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 46237 | 8.092 | ng/uL# | 81 |
| 4) Benzaldehyde | 6.87 | 77 | 254321 | 22.818 | ng/ul | 90 |
| 6) Phenol | 6.92 | 94 | 385058 | 19.478 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 297553 | 19.549 | ng/ul | 95 |
| 10) 2-Chlorophenol | 7.29 | 128 | 326090 | 20.086 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.16 | 108 | 280012 | 18.899 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 401128 | 16.665 | ng/ul | 99 |
| 14) Acetophenone | 8.53 | 105 | 471731 | 19.861 | ng/ul | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.52 | 70 | 219221 | 18.444 | ng/ul | 94 |
| 16) 4-Methylphenol | 8.48 | 108 | 302586 | 19.321 | ng/ul | 96 |
| 17) Hexachloroethane | 8.79 | 117 | 128598 | 20.167 | ng/ul | 93 |
| 20) Nitrobenzene | 8.91 | 77 | 334618 | 20.525 | ng/ul# | 90 |
| 21) Isophorone | 9.43 | 82 | 579309 | 17.880 | ng/ul | 96 |
| 23) 2-Nitrophenol | 9.62 | 139 | 164660 | 24.341 | ng/ul | 90 |
| 24) 2,4-Dimethylphenol | 9.68 | 107 | 336004 | 19.248 | ng/ul | 92 |
| 25) Bis(2-Chloroethoxy)methane | 9.92 | 93 | 389285 | 19.438 | ng/ul | 97 |
| 27) 2,4-Dichlorophenol | 10.15 | 162 | 298972 | 20.898 | ng/ul | 98 |
| 28) Naphthalene | 10.55 | 128 | 1024283 | 20.308 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.66 | 127 | 385712 | 21.445 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.83 | 225 | 205628 | 21.294 | ng/ul | 99 |
| 32) Caprolactam | 11.42 | 113 | 71818m | 15.874 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.79 | 107 | 292889 | 19.534 | ng/ul | 93 |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 731601 | 20.587 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.16 | 142 | 731601 | 20.587 | ng/ul# | 93 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 386051 | 20.789 | ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.52 | 237 | 228295 | 19.745 | ng/ul# | 97 |
| 39) 2,4,6-Trichlorophenol | 12.78 | 196 | 219264 | 20.735 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.85 | 196 | 237892 | 20.614 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.19 | 154 | 907673 | 20.179 | ng/ul | 96 |
| 42) 2-Chloronaphthalene | 13.23 | 162 | 715426 | 20.323 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.43 | 65 | 170105 | 21.936 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.82 | 163 | 849190 | 20.014 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.93 | 165 | 158818 | 24.370 | ng/ul | 99 |
| 48) Acenaphthylene | 14.07 | 152 | 1075529 | 20.264 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.26 | 138 | 162328 | 22.906 | ng/ul# | 97 |
| 50) Acenaphthene | 14.42 | 153 | 767141 | 20.358 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.47 | 184 | 69367 | 23.796 | ng/ul | 91 |
| 53) 4-Nitrophenol | 14.57 | 109 | 116251 | 21.173 | ng/ul# | 77 |
| 54) Dibenzofuran | 14.76 | 168 | 1080706 | 20.903 | ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 14.72 | 165 | 242981 | 25.355 | ng/ul | 94 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.98 | 232 | 212061 | 22.719 | ng/ul# | 85 |
| 57) Diethylphthalate | 15.19 | 149 | 836927 | 19.910 | ng/ul | 96 |
| 59) Fluorene | 15.41 | 166 | 875997 | 20.624 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.41 | 204 | 456078 | 21.178 | ng/ul | 95 |
| 61) 4-Nitroaniline | 15.43 | 138 | 193211 | 22.195 | ng/ul | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 15.49 | 198 | 130542 | 23.162 | ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 15.62 | 169 | 753551 | 19.896 | ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.30 | 248 | 281879 | 20.348 | ng/ul | 99 |
| 67) Hexachlorobenzene | 16.41 | 284 | 315064 | 21.133 | ng/ul | 96 |
| 68) Atrazine | 16.58 | 200 | 255882 | 19.116 | ng/ul | 97 |
| 69) Pentachlorophenol | 16.75 | 266 | 167692 | 20.800 | ng/ul | 96 |
| 70) Phenanthrene | 17.14 | 178 | 1409848 | 20.730 | ng/ul | 98 |
| 72) Anthracene | 17.24 | 178 | 1449863 | 20.765 | ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.15 | 216 | 397858 | 19.633 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.67 | 250 | 374948 | 20.511 | ng/uL | 99 |
| 75) Carbazole | 17.51 | 167 | 1235459 | 20.128 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.08 | 149 | 1346526 | 18.855 | ng/ul | 100 |
| 77) Fluoranthene | 19.16 | 202 | 1648081 | 21.139 | ng/ul# | 91 |
| 80) Pyrene | 19.53 | 202 | 1729513 | 19.270 | ng/ul# | 88 |
| 81) Butylbenzylphthalate | 20.44 | 149 | 576055 | 17.355 | ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.22 | 252 | 543810 | 18.780 | ng/ul# | 96 |
| 83) Benzo(a)anthracene | 21.28 | 228 | 1808333 | 19.984 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 903519 | 17.320 | ng/ul# | 97 |
| 85) Chrysene | 21.33 | 228 | 1733460 | 20.541 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.10 | 149 | 1479969 | 15.901 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.86 | 252 | 1845251 | 19.901 | ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.90 | 252 | 1853152 | 20.814 | ng/ul# | 97 |
| 91) Benzo(a)pyrene | 23.43 | 252 | 1819743 | 20.590 | ng/ul# | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 2171679 | 20.598 | ng/ul# | 88 |
| 93) Dibenzo(a,h)anthracene | 25.78 | 278 | 1819611 | 20.632 | ng/ul# | 95 |
| 94) Benzo(g,h,i)perylene | 26.45 | 276 | 1811424 | 20.720 | ng/ul# | 93 |

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

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

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