Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027237.D
Acq On : 26 Aug 2020 06:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
mohammad
8/27/2020 3:13:44 PM

Quant Time: Aug 26 07:00:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 26 01:51:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 192880 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.37 | 136 | 783098 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.23 | 164 | 551286 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.98 | 188 | 1253594 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.18 | 240 | 1249143 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.36 | 264 | 985099 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.16 | 96 | 26667 | 7.83 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 304104 | 19.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 200523 | 19.82 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 239134 | 19.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 248866 | 19.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 118043 | 18.81 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 136650 | 18.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 282541 | 19.14 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 315281 | 19.82 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.66 | 166 | 840117 | 19.21 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.93 | 160 | 1008801 | 19.51 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.44 | 143 | 144720 | 19.61 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.23 | 176 | 737030 | 19.52 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 142600 | 17.44 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.08 | 188 | 1148219 | 19.30 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.38 | 212 | 1288368 | 17.88 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.22 | 264 | 1072244 | 19.52 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 31025 | 7.738 | ng/uL | 98 |
| 4) Benzaldehyde | 6.75 | 77 | 236336 | 21.452 | ng/ul | 97 |
| 6) Phenol | 6.81 | 94 | 317228 | 19.399 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.03 | 93 | 261391 | 19.882 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.17 | 128 | 243396 | 19.784 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.05 | 108 | 239749 | 19.717 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 203861 | 20.027 | ng/ul | 98 |
| 14) Acetophenone | 8.41 | 105 | 401879 | 19.977 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.40 | 70 | 238857 | 19.720 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.37 | 108 | 260390 | 19.971 | ng/ul | 98 |
| 17) Hexachloroethane | 8.66 | 117 | 115672 | 19.947 | ng/ul | 96 |
| 20) Nitrobenzene | 8.78 | 77 | 359753 | 19.169 | ng/ul | 99 |
| 21) Isophorone | 9.31 | 82 | 632278 | 18.694 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.49 | 139 | 146395 | 19.031 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.56 | 107 | 310112 | 19.161 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.79 | 93 | 363208 | 18.741 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.02 | 162 | 271793 | 18.962 | ng/ul | 99 |
| 28) Naphthalene | 10.42 | 128 | 805956 | 19.325 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.53 | 127 | 311706 | 19.562 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 10.72 | 225 | 206746 | 19.194 | ng/ul | 98 |
| 32) Caprolactam | 11.30 | 113 | 81982m | 19.080 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.66 | 107 | 288148 | 19.226 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.04 | 142 | 609280 | 19.232 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.26 | 142 | 592338 | 19.157 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 378426 | 19.199 | ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.40 | 237 | 236462 | 17.736 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.66 | 196 | 242449 | 19.320 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.73 | 196 | 253477 | 19.007 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.06 | 154 | 829776 | 19.179 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.10 | 162 | 673540 | 19.353 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.30 | 65 | 209057 | 19.931 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.70 | 163 | 870650 | 19.178 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.82 | 165 | 182506 | 19.509 | ng/ul | 97 |
| 48) Acenaphthylene | 13.95 | 152 | 999729 | 19.336 | ng/ul | 97 |
| 49) 3-Nitroaniline | 14.14 | 138 | 159226 | 19.963 | ng/ul | 95 |
| 50) Acenaphthene | 14.30 | 153 | 699089 | 19.300 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.35 | 184 | 94784 | 17.643 | ng/ul | 97 |
| 53) 4-Nitrophenol | 14.46 | 109 | 140082 | 20.028 | ng/ul | 97 |
| 54) Dibenzofuran | 14.64 | 168 | 1003524 | 19.299 | ng/ul | 98 |
| 55) 2,4-Dinitrotoluene | 14.60 | 165 | 264388 | 19.849 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 235209 | 19.696 | ng/ul | 99 |
| 57) Diethylphthalate | 15.08 | 149 | 890660 | 19.681 | ng/ul | 98 |
| 59) Fluorene | 15.29 | 166 | 850053 | 19.277 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.29 | 204 | 465949 | 19.339 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.30 | 138 | 180429 | 20.449 | ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 156969 | 17.684 | ng/ul | 98 |
| 65) N-Nitrosodiphenylamine | 15.50 | 169 | 717446 | 19.005 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.18 | 248 | 297853 | 18.952 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.30 | 284 | 340291 | 18.967 | ng/ul | 98 |
| 68) Atrazine | 16.46 | 200 | 294843 | 19.031 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.64 | 266 | 198203 | 18.812 | ng/ul | 99 |
| 70) Phenanthrene | 17.03 | 178 | 1376540 | 19.239 | ng/ul | 100 |
| 72) Anthracene | 17.12 | 178 | 1410298 | 19.350 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.03 | 216 | 359824 | 18.484 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.56 | 250 | 379315 | 18.867 | ng/uL | 99 |
| 75) Carbazole | 17.39 | 167 | 1201139 | 19.992 | ng/ul | 98 |
| 76) Di-n-butylphthalate | 17.97 | 149 | 1526169 | 19.850 | ng/ul | 100 |
| 77) Fluoranthene | 19.04 | 202 | 1691965 | 19.739 | ng/ul | 98 |
| 80) Pyrene | 19.41 | 202 | 1722623 | 17.877 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.33 | 149 | 684284 | 18.787 | ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.10 | 252 | 555398 | 19.086 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.16 | 228 | 1593014 | 19.232 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 1003731 | 19.483 | ng/ul | 99 |
| 85) Chrysene | 21.22 | 228 | 1528247 | 19.271 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.99 | 149 | 1594805 | 20.780 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.71 | 252 | 1418282 | 20.196 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.75 | 252 | 1335564 | 19.736 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.27 | 252 | 1203430 | 19.526 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 1257813 | 17.716 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.54 | 278 | 1063890 | 17.661 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.20 | 276 | 1015530 | 17.493 | ng/ul | 98 |

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

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

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