Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
Data File : BM024607.D
Acq On : 23 Jan 2020 14:45
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM012320

Manual Integrations APPROVED
mohammad

Quant Time: Jan 23 16:30:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

1/24/2020 1:55:04 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 243093 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.20 | 136 | 995948 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.09 | 164 | 696930 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.84 | 188 | 1612249 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.06 | 240 | 1686987 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.16 | 264 | 1826728 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.08 | 112 | 1051619 | 82.27 | ng | 0.00 |
| 7) Phenol-d6 | 6.65 | 99 | 1471667 | 83.58 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.59 | 82 | 1667638 | 82.12 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.59 | 330 | 919434 | 81.10 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.71 | 172 | 4196365 | 81.86 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.50 | 244 | 7833631 | 86.69 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.08 | 88 | 213907 | 42.304 | ng | 97 |
| 3) Pyridine | 3.45 | 79 | 581753 | 39.688 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.37 | 42 | 264023 | 40.579 | ng | 93 |
| 6) Aniline | 6.79 | 93 | 893478 | 41.681 | ng | 100 |
| 8) 2-Chlorophenol | 7.02 | 128 | 601862 | 41.361 | ng | 98 |
| 9) Benzaldehyde | 6.60 | 77 | 418371 | 40.210 | ng | 99 |
| 10) Phenol | 6.67 | 94 | 728306 | 41.492 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.89 | 93 | 593480 | 42.235 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.33 | 146 | 728607 | 40.758 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.48 | 146 | 741904 | 40.909 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.79 | 146 | 713588 | 40.764 | ng | 99 |
| 15) Benzyl Alcohol | 7.69 | 79 | 607471 | 41.842 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.97 | 45 | 546308 | 42.468 | ng | 98 |
| 17) 2-Methylphenol | 7.89 | 107 | 521917 | 42.194 | ng | 99 |
| 18) Hexachloroethane | 8.51 | 117 | 284330 | 40.601 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.26 | 70 | 541859 | 40.985 | ng | 97 |
| 20) 3+4-Methylphenols | 8.22 | 107 | 719748 | 42.035 | ng | 100 |
| 22) Acetophenone | 8.26 | 105 | 1055658 | 41.107 | ng | 98 |
| 24) Nitrobenzene | 8.63 | 77 | 799481 | 41.081 | ng | 99 |
| 25) Isophorone | 9.16 | 82 | 1426367 | 41.336 | ng | 100 |
| 26) 2-Nitrophenol | 9.33 | 139 | 371497 | 41.225 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.41 | 122 | 508894 | 41.557 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.64 | 93 | 870615 | 41.301 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.86 | 162 | 682311 | 41.241 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.07 | 180 | 806998 | 40.444 | ng | 99 |
| 31) Naphthalene | 10.25 | 128 | 2046830 | 40.690 | ng | 100 |
| 32) Benzoic acid | 9.57 | 122 | 481125m | 42.950 | ng | |
| 33) 4-Chloroaniline | 10.37 | 127 | 912286 | 41.375 | ng | 99 |
| 34) Hexachlorobutadiene | 10.56 | 225 | 551816 | 40.006 | ng | 99 |
| 35) Caprolactam | 11.15 | 113 | 214636 | 40.437 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 11.51 | 107 | 721840 | 41.032 | ng | 98 |
| 37) 2-Methylnaphthalene | 11.88 | 142 | 1582182 | 40.757 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.10 | 142 | 1515421 | 41.039 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 1015306 | 40.819 | ng | 100 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.25 | 237 | 548737 | 39.359 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.51 | 196 | 653849 | 41.309 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.58 | 196 | 664595 | 41.113 | ng | 99 |
| 46) 1,1'-Biphenyl | 12.92 | 154 | 2172247 | 41.186 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.95 | 162 | 1748694 | 41.070 | ng | 100 |
| 48) 2-Nitroaniline | 13.16 | 65 | 544680 | 41.943 | ng | 99 |
| 49) Acenaphthylene | 13.81 | 152 | 2636276 | 41.359 | ng | 99 |
| 50) Dimethylphthalate | 13.57 | 163 | 2299290 | 40.800 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.67 | 165 | 490063 | 40.901 | ng | 98 |
| 52) Acenaphthene | 14.16 | 154 | 1627137 | 41.138 | ng | 99 |
| 53) 3-Nitroaniline | 14.00 | 138 | 517746 | 41.663 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.21 | 184 | 299238 | 41.764 | ng | 98 |
| 55) Dibenzofuran | 14.50 | 168 | 2625700 | 40.705 | ng | 99 |
| 56) 4-Nitrophenol | 14.33 | 139 | 408942 | 42.098 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.47 | 165 | 705742 | 41.099 | ng | 100 |
| 58) Fluorene | 15.15 | 166 | 2214787 | 40.856 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.73 | 232 | 674748 | 41.161 | ng | 99 |
| 60) Diethylphthalate | 14.95 | 149 | 2339554 | 40.892 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.16 | 204 | 1272088 | 40.703 | ng | 100 |
| 62) 4-Nitroaniline | 15.17 | 138 | 577160 | 42.076 | ng | 100 |
| 63) Azobenzene | 15.45 | 77 | 1992530 | 40.828 | ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.24 | 198 | 400882 | 42.289 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.37 | 169 | 1901419 | 41.057 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.05 | 248 | 811703 | 40.485 | ng | 99 |
| 68) Hexachlorobenzene | 16.16 | 284 | 933776 | 40.585 | ng | 99 |
| 69) Atrazine | 16.34 | 200 | 745262 | 41.923 | ng | 99 |
| 70) Pentachlorophenol | 16.50 | 266 | 577363 | 41.197 | ng | 99 |
| 71) Phenanthrene | 16.89 | 178 | 3571121 | 40.904 | ng | 99 |
| 72) Anthracene | 16.98 | 178 | 3488704 | 40.839 | ng | 99 |
| 73) Carbazole | 17.25 | 167 | 3203003 | 41.187 | ng | 100 |
| 74) Di-n-butylphthalate | 17.84 | 149 | 4101248 | 41.252 | ng | 100 |
| 75) Fluoranthene | 18.92 | 202 | 4464043 | 40.967 | ng | 99 |
| 77) Benzidine | 19.11 | 184 | 1821595 | 46.366 | ng | 99 |
| 78) Pyrene | 19.27 | 202 | 4591918 | 41.290 | ng | 100 |
| 80) Butylbenzylphthalate | 20.22 | 149 | 1935422 | 41.474 | ng | 99 |
| 81) Benzo(a)anthracene | 21.04 | 228 | 4779530 | 40.820 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.98 | 252 | 1774471 | 42.130 | ng | 100 |
| 83) Chrysene | 21.09 | 228 | 4592602 | 41.106 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.01 | 149 | 2828696 | 41.081 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.86 | 149 | 4742024 | 41.685 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.24 | 276 | 5018382 | 41.211 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.55 | 252 | 4914189 | 41.478 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.59 | 252 | 4744526 | 41.027 | ng | 99 |
| 90) Benzo(a)pyrene | 23.08 | 252 | 4433497 | 41.159 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.26 | 278 | 4209180 | 41.170 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 25.87 | 276 | 3786234 | 40.785 | ng | 99 |

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

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