Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
Data File : BG044905.D
Acq On : 19 Mar 2020 20:15
Operator : CG/JU
Sample : L1964-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2000448388MS

Manual Integrations APPROVED
mohammad
3/20/2020 11:48:04 AM

Quant Time: Mar 20 02:15:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 81306 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 308044 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.68 | 164 | 211922 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 487279 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.69 | 240 | 452614 | 20.00 | ng | -0.01 |
| 87) Perylene-d12 | 24.90 | 264 | 539770 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 619689 | 118.65 | ng | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 781254 | 102.95 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 624947 | 89.02 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 418700 | 150.89 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 1276227 | 86.24 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.03 | 244 | 2261791 | 93.47 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 86156 | 34.255 | ng | # 24 |
| 3) Pyridine | 3.93 | 79 | 167977 | 22.560 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.83 | 42 | 120706 | 42.727 | ng | 99 |
| 6) Aniline | 7.36 | 93 | 132802 | 14.064 | ng | 94 |
| 8) 2-Chlorophenol | 7.61 | 128 | 254200 | 48.754 | ng | 98 |
| 9) Benzaldehyde | 7.17 | 77 | 203954 | 46.036 | ng | 95 |
| 10) Phenol | 7.23 | 94 | 285603 | 38.015 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.46 | 93 | 247376 | 41.257 | ng | 93 |
| 12) 1,3-Dichlorobenzene | 7.94 | 146 | 267614 | 41.667 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 8.08 | 146 | 269105 | 42.381 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 248137 | 41.204 | ng | 99 |
| 15) Benzyl Alcohol | 8.28 | 79 | 259397 | 42.603 | ng | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 368185 | 34.796 | ng | 98 |
| 17) 2-Methylphenol | 8.49 | 107 | 220657 | 43.358 | ng | 98 |
| 18) Hexachloroethane | 9.14 | 117 | 102112 | 40.847 | ng | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 208959 | 38.996 | ng | 98 |
| 20) 3+4-Methylphenols | 8.81 | 107 | 303842 | 43.311 | ng | 97 |
| 22) Acetophenone | 8.86 | 105 | 380980 | 43.656 | ng | # 98 |
| 24) Nitrobenzene | 9.24 | 77 | 322579 | 44.286 | ng | 100 |
| 25) Isophorone | 9.77 | 82 | 596330 | 43.525 | ng | 99 |
| 26) 2-Nitrophenol | 9.96 | 139 | 137502 | 53.643 | ng | 98 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 239336 | 53.642 | ng | 94 |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93 | 328926 | 40.229 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.49 | 162 | 253703 | 48.683 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.71 | 180 | 272823 | 43.783 | ng | 96 |
| 31) Naphthalene | 10.90 | 128 | 753683 | 44.167 | ng | 98 |
| 32) Benzoic acid | 10.15 | 122 | 109475 | 34.821 | ng | 97 |
| 33) 4-Chloroaniline | 11.01 | 127 | 25061 | 3.260 | ng | # 91 |
| 34) Hexachlorobutadiene | 11.20 | 225 | 182726 | 44.591 | ng | 97 |
| 35) Caprolactam | 11.76 | 113 | 65664m | 33.280 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.12 | 107 | 292907 | 47.127 | ng | 96 |
| 37) 2-Methylnaphthalene | 12.50 | 142 | 567366 | 44.448 | ng | 95 |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 541553 | 45.128 | ng | 95 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 300096 | 42.998 | ng | 99 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.86 | 237 | 368666 | 96.656 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.11 | 196 | 225965 | 48.786 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.18 | 196 | 242301 | 50.443 | ng | | 94 |
| 46) 1,1'-Biphenyl | 13.51 | 154 | 709904 | 41.919 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.56 | 162 | 548022 | 42.361 | ng | | 99 |
| 48) 2-Nitroaniline | 13.74 | 65 | 202789 | 44.774 | ng | | 98 |
| 49) Acenaphthylene | 14.40 | 152 | 917867 | 45.287 | ng | | 98 |
| 50) Dimethylphthalate | 14.13 | 163 | 794112 | 47.048 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.24 | 165 | 173550 | 51.011 | ng | | 97 |
| 52) Acenaphthene | 14.74 | 154 | 660255 | 49.742 | ng | | 99 |
| 53) 3-Nitroaniline | 14.57 | 138 | 53695 | 13.727 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.77 | 184 | 179113 | 98.589 | ng | | 92 |
| 55) Dibenzofuran | 15.08 | 168 | 878626 | 45.647 | ng | | 99 |
| 56) 4-Nitrophenol | 14.88 | 139 | 261943 | 87.747 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 15.03 | 165 | 246226 | 52.770 | ng | | 97 |
| 58) Fluorene | 15.72 | 166 | 727551 | 45.949 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 229105 | 51.806 | ng | # | 93 |
| 60) Diethylphthalate | 15.49 | 149 | 786151 | 44.657 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204 | 396539 | 46.510 | ng | | 98 |
| 62) 4-Nitroaniline | 15.74 | 138 | 173052 | 41.490 | ng | | 95 |
| 63) Azobenzene | 16.01 | 77 | 780180 | 42.677 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198 | 138587 | 58.435 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.93 | 169 | 665266 | 45.347 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.61 | 248 | 275230 | 45.181 | ng | | 98 |
| 68) Hexachlorobenzene | 16.73 | 284 | 297515 | 45.018 | ng | | 99 |
| 69) Atrazine | 16.88 | 200 | 268820 | 50.014 | ng | | 98 |
| 70) Pentachlorophenol | 17.08 | 266 | 368548 | 101.353 | ng | | 98 |
| 71) Phenanthrene | 17.46 | 178 | 1204226 | 46.246 | ng | | 100 |
| 72) Anthracene | 17.56 | 178 | 1237590 | 48.200 | ng | | 99 |
| 73) Carbazole | 17.82 | 167 | 1170047 | 47.440 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.39 | 149 | 1388598 | 46.315 | ng | | 99 |
| 75) Fluoranthene | 19.47 | 202 | 1534152 | 49.482 | ng | | 99 |
| 77) Benzidine | 19.64 | 184 | 185375 | 12.616 | ng | | 98 |
| 78) Pyrene | 19.83 | 202 | 1529736 | 46.067 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.72 | 149 | 655480 | 44.370 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.67 | 228 | 1498273 | 45.971 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.58 | 252 | 186113 | 14.761 | ng | | 97 |
| 83) Chrysene | 21.74 | 228 | 1408144 | 45.231 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 907743 | 44.522 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.81 | 149 | 1560395 | 45.735 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.54 | 276 | 1968233 | 48.223 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 23.88 | 252 | 1628403 | 45.698 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.95 | 252 | 1570453 | 46.570 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.75 | 252 | 1504788 | 45.130 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 28.60 | 278 | 1580274 | 48.040 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.68 | 276 | 1623158 | 48.839 | ng | | 98 |

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

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