Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002631.D
Acq On : 02 Jul 2020 15:23
Operator : CG/JU
Sample : L3172-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP2-SSMS

**Manual Integrations APPROVED**
mohammad
7/7/2020 8:24:53 AM

Quant Time: Jul 03 04:10:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 232392 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 914285 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 623028 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.98 | 188 | 1476281 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 1453636 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.29 | 264 | 1556239 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 1408801 | 102.64 | ng | | 0.00 |
| 7) Phenol-d6 | 6.77 | 99 | 1897025 | 99.02 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 1151634 | 64.90 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 943890 | 124.56 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.83 | 172 | 2760639 | 65.22 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.57 | 244 | 4610657 | 68.46 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.14 | 88 | 243793 | 41.442 | ng | | 98 |
| 3) Pyridine | 3.52 | 79 | 721890 | 41.404 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.44 | 42 | 305472 | 41.274 | ng | | 85 |
| 6) Aniline | 6.90 | 93 | 855433 | 35.544 | ng | | 96 |
| 8) 2-Chlorophenol | 7.15 | 128 | 748879 | 49.117 | ng | | 99 |
| 9) Benzaldehyde | 6.72 | 77 | 284679 | 26.338 | ng | | 96 |
| 10) Phenol | 6.79 | 94 | 985115 | 50.991 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.00 | 93 | 716768 | 45.203 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.46 | 146 | 802182 | 45.595 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.60 | 146 | 810650 | 45.227 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.92 | 146 | 764252 | 44.296 | ng | | 97 |
| 15) Benzyl Alcohol | 7.82 | 79 | 632059 | 43.908 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.10 | 45 | 953028 | 43.139 | ng | | 99 |
| 17) 2-Methylphenol | 8.03 | 107 | 637983 | 44.119 | ng | | 97 |
| 18) Hexachloroethane | 8.63 | 117 | 284830 | 44.029 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.38 | 70 | 522106 | 41.537 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.36 | 107 | 861695 | 44.199 | ng | | 98 |
| 22) Acetophenone | 8.39 | 105 | 1019525 | 44.056 | ng | # | 95 |
| 24) Nitrobenzene | 8.76 | 77 | 818331 | 43.570 | ng | | 97 |
| 25) Isophorone | 9.28 | 82 | 1565193 | 44.010 | ng | | 98 |
| 26) 2-Nitrophenol | 9.46 | 139 | 422510 | 49.325 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.55 | 122 | 689900 | 53.152 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 9.77 | 93 | 968535 | 47.409 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.00 | 162 | 780572 | 52.181 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.21 | 180 | 791389 | 46.992 | ng | | 99 |
| 31) Naphthalene | 10.39 | 128 | 2190095 | 45.250 | ng | | 100 |
| 32) Benzoic acid | 9.70 | 122 | 214773 | 25.949 | ng | | 95 |
| 33) 4-Chloroaniline | 10.50 | 127 | 592715 | 27.997 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.69 | 225 | 478746 | 46.444 | ng | | 96 |
| 35) Caprolactam | 11.28 | 113 | 288417m | 57.357 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.66 | 107 | 816961 | 49.829 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.02 | 142 | 1645467 | 46.627 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.24 | 142 | 1562022 | 46.998 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 894004 | 45.955 | ng | | 98 |

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.38 | 237 | 843225 | 82.867 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.65 | 196 | 660319 | 50.164 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 12.72 | 196 | 709202 | 46.803 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.05 | 154 | 2060783 | 43.728 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.08 | 162 | 1662729 | 43.342 | ng | | 96 |
| 48) 2-Nitroaniline | 13.29 | 65 | 548009 | 44.777 | ng | | 91 |
| 49) Acenaphthylene | 13.94 | 152 | 2673452 | 44.280 | ng | | 98 |
| 50) Dimethylphthalate | 13.69 | 163 | 2665520 | 54.472 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.80 | 165 | 510521 | 48.307 | ng | | 90 |
| 52) Acenaphthene | 14.29 | 154 | 1585519 | 44.510 | ng | | 100 |
| 53) 3-Nitroaniline | 14.13 | 138 | 379652 | 32.992 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 159916 | 28.459 | ng | | 88 |
| 55) Dibenzofuran | 14.63 | 168 | 2580427 | 44.701 | ng | | 97 |
| 56) 4-Nitrophenol | 14.47 | 139 | 833697 | 91.418 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 14.60 | 165 | 708071 | 49.806 | ng | | 90 |
| 58) Fluorene | 15.28 | 166 | 1890000 | 42.989 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 672582 | 54.946 | ng | | 92 |
| 60) Diethylphthalate | 15.07 | 149 | 2165283 | 44.499 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.28 | 204 | 995847 | 42.237 | ng | | 93 |
| 62) 4-Nitroaniline | 15.31 | 138 | 533392 | 46.377 | ng | | 89 |
| 63) Azobenzene | 15.57 | 77 | 2048763 | 43.545 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 199841 | 22.554 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.50 | 169 | 1891482 | 43.890 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.18 | 248 | 765255 | 46.128 | ng | # | 90 |
| 68) Hexachlorobenzene | 16.30 | 284 | 896051 | 50.417 | ng | | 92 |
| 69) Atrazine | 16.46 | 200 | 698743 | 50.530 | ng | | 97 |
| 70) Pentachlorophenol | 16.65 | 266 | 876518 | 86.088 | ng | | 95 |
| 71) Phenanthrene | 17.03 | 178 | 3451244 | 43.450 | ng | | 98 |
| 72) Anthracene | 17.12 | 178 | 3536194 | 44.739 | ng | | 98 |
| 73) Carbazole | 17.39 | 167 | 3304319 | 43.257 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.97 | 149 | 3868592 | 43.002 | ng | | 99 |
| 75) Fluoranthene | 19.01 | 202 | 4375877 | 45.513 | ng | | 99 |
| 78) Pyrene | 19.36 | 202 | 4395640 | 44.425 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.26 | 149 | 1812225 | 41.953 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.08 | 228 | 4129432 | 43.452 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.02 | 252 | 1179564 | 33.903 | ng | | 97 |
| 83) Chrysene | 21.13 | 228 | 3886288 | 42.646 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.03 | 149 | 2500928 | 40.319 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 21.89 | 149 | 4469995 | 40.801 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 4796717 | 42.808 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.63 | 252 | 4638796 | 46.714 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.68 | 252 | 4304084 | 46.461 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.20 | 252 | 4153954 | 45.584 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.52 | 278 | 3951236 | 43.154 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.18 | 276 | 3900355 | 42.593 | ng | | 98 |

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

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