Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002841.D
Acq On : 23 Jul 2020 15:37
Operator : CG/JU
Sample : L3380-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** VNJ-241

**Manual Integrations APPROVED**
Sohil
7/24/2020 12:13:11 PM

Quant Time: Jul 23 17:16:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 90058 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.31 | 136 | 389935 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.20 | 164 | 186932 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 188837 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.08 | 240 | 320765 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.26 | 264 | 542250 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.17 | 112 | 675576 | 126.57 | ng | | -0.01 |
| 7) Phenol-d6 | 6.75 | 99 | 933024 | 122.48 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.69 | 82 | 608209 | 83.42 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 206033 | 105.59 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.81 | 172 | 1190507 | 98.52 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.57 | 244 | 811441 | 58.00 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 83030 | 35.679 | ng | | 98 |
| 3) Pyridine | 3.49 | 79 | 216343 | 31.195 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.40 | 42 | 109916 | 42.071 | ng | | 93 |
| 6) Aniline | 6.88 | 93 | 239725 | 24.858 | ng | | 99 |
| 8) 2-Chlorophenol | 7.12 | 128 | 278873 | 46.958 | ng | | 99 |
| 9) Benzaldehyde | 6.69 | 77 | 219836 | 53.115 | ng | | 97 |
| 10) Phenol | 6.78 | 94 | 364615 | 46.724 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.98 | 93 | 277380 | 42.735 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.43 | 146 | 297415 | 43.674 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.58 | 146 | 303493 | 44.408 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.89 | 146 | 291952 | 44.299 | ng | | 99 |
| 15) Benzyl Alcohol | 7.79 | 79 | 258445 | 50.698 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.08 | 45 | 397465 | 42.579 | ng | | 99 |
| 17) 2-Methylphenol | 8.01 | 107 | 245066 | 44.080 | ng | | 99 |
| 18) Hexachloroethane | 8.60 | 117 | 117538 | 48.557 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.35 | 70 | 206470 | 44.507 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.34 | 107 | 320736 | 43.631 | ng | # | 89 |
| 22) Acetophenone | 8.36 | 105 | 406880 | 42.327 | ng | # | 96 |
| 24) Nitrobenzene | 8.73 | 77 | 334497 | 42.363 | ng | | 99 |
| 25) Isophorone | 9.26 | 82 | 619500 | 41.691 | ng | | 99 |
| 26) 2-Nitrophenol | 9.44 | 139 | 160611 | 47.095 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.52 | 122 | 269203 | 48.621 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.74 | 93 | 382758 | 42.408 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.99 | 162 | 281472 | 46.111 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.19 | 180 | 302160 | 43.216 | ng | | 100 |
| 31) Naphthalene | 10.36 | 128 | 885509 | 43.013 | ng | | 100 |
| 32) Benzoic acid | 9.72 | 122 | 183106 | 43.520 | ng | | 98 |
| 33) 4-Chloroaniline | 10.49 | 127 | 138990 | 15.756 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.66 | 225 | 173507 | 42.934 | ng | | 97 |
| 35) Caprolactam | 11.26 | 113 | 103960 | 48.709 | ng | # | 91 |
| 36) 4-Chloro-3-methylphenol | 11.65 | 107 | 296407 | 45.048 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.99 | 142 | 631979 | 43.503 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.21 | 142 | 587392 | 42.749 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216 | 322883 | 56.203 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.35 | 237 | 203629 | 80.018 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.63 | 196 | 203205 | 55.260 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 12.72 | 196 | 225706 | 52.920 | ng | # | 95 |
| 46) 1,1'-Biphenyl | 13.02 | 154 | 728622 | 52.283 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.06 | 162 | 563112 | 49.748 | ng | | 97 |
| 48) 2-Nitroaniline | 13.27 | 65 | 187938 | 53.714 | ng | | 94 |
| 49) Acenaphthylene | 13.92 | 152 | 836872 | 46.899 | ng | | 99 |
| 50) Dimethylphthalate | 13.67 | 163 | 833862 | 58.491 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 13.79 | 165 | 170304 | 55.800 | ng | | 99 |
| 52) Acenaphthene | 14.27 | 154 | 441097 | 41.362 | ng | | 99 |
| 53) 3-Nitroaniline | 14.12 | 138 | 103193 | 30.220 | ng | # | 97 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 127590 | 75.661 | ng | | 96 |
| 55) Dibenzofuran | 14.61 | 168 | 653227 | 38.192 | ng | | 94 |
| 56) 4-Nitrophenol | 14.47 | 139 | 202898 | 74.513 | ng | # | 71 |
| 57) 2,4-Dinitrotoluene | 14.59 | 165 | 161940 | 40.289 | ng | # | 94 |
| 58) Fluorene | 15.26 | 166 | 421633 | 33.316 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.85 | 232 | 136122 | 40.489 | ng | # | 93 |
| 60) Diethylphthalate | 15.05 | 149 | 480545 | 34.766 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.26 | 204 | 220285 | 32.759 | ng | # | 89 |
| 62) 4-Nitroaniline | 15.29 | 138 | 82666m | 23.401 | ng | | |
| 63) Azobenzene | 15.56 | 77 | 482426 | 33.945 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 74935 | 64.371 | ng | # | 55 |
| 66) n-Nitrosodiphenylamine | 15.48 | 169 | 414573 | 74.319 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.16 | 248 | 117199 | 56.976 | ng | # | 87 |
| 68) Hexachlorobenzene | 16.30 | 284 | 126693 | 58.458 | ng | # | 84 |
| 69) Atrazine | 16.46 | 200 | 106537 | 69.957 | ng | | 84 |
| 70) Pentachlorophenol | 16.65 | 266 | 119210 | 110.590 | ng | | 99 |
| 71) Phenanthrene | 17.02 | 178 | 431863 | 42.239 | ng | # | 90 |
| 72) Anthracene | 17.12 | 178 | 448735 | 44.725 | ng | # | 95 |
| 73) Carbazole | 17.39 | 167 | 378628 | 38.456 | ng | # | 87 |
| 74) Di-n-butylphthalate | 17.96 | 149 | 470901 | 44.100 | ng | # | 96 |
| 75) Fluoranthene | 19.02 | 202 | 547128 | 46.183 | ng | | 94 |
| 77) Benzidine | 19.19 | 184 | 235489 | 29.618 | ng | # | 84 |
| 78) Pyrene | 19.36 | 202 | 592484 | 26.753 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.24 | 149 | 306784 | 35.103 | ng | | 90 |
| 81) Benzo(a)anthracene | 21.07 | 228 | 899638 | 43.327 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.00 | 252 | 42982 | 6.250 | ng | # | 93 |
| 83) Chrysene | 21.12 | 228 | 844418 | 42.723 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 554243 | 45.597 | ng | | 100 |
| 85) Di-n-octyl phthalate | 21.86 | 149 | 1235535 | 56.538 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 1833005 | 46.770 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.62 | 252 | 1340911 | 39.824 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 22.66 | 252 | 1335622 | 40.272 | ng | | 100 |
| 90) Benzo(a)pyrene | 23.17 | 252 | 1345566 | 42.171 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 25.49 | 278 | 1517960 | 48.026 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.15 | 276 | 1618250 | 50.497 | ng | | 99 |

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

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