Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045982.D
Acq On : 8 Jul 2020 15:56
Operator : CG/JU
Sample : L3216-08
Misc : LOQ-WTR-10PPM
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** LOQ-WATER-02-QT3-2020

Quant Time: Jul 08 16:33:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 15:53:46 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.01 | 152 | 145437 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.81 | 136 | 590423 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 354144 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.37 | 188 | 730172 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.63 | 240 | 673365 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.78 | 264 | 677406 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 879734 | 98.09 | ng | | 0.00 |
| 7) Phenol-d6 | 7.17 | 99 | 1276175 | 98.84 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 856739 | 83.52 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.11 | 330 | 334523 | 101.78 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.26 | 172 | 1660363 | 73.13 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.98 | 244 | 1792112 | 59.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 45174 | 10.918 | ng | | 94 |
| 3) Pyridine | 3.91 | 79 | 97005 | 7.754 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 44233 | 10.456 | ng | | 93 |
| 6) Aniline | 7.33 | 93 | 157562 | 9.539 | ng | | 98 |
| 8) 2-Chlorophenol | 7.57 | 128 | 87676 | 9.082 | ng | | 97 |
| 9) Benzaldehyde | 7.14 | 77 | 140328 | 17.154 | ng | | 96 |
| 10) Phenol | 7.19 | 94 | 118613 | 9.158 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.42 | 93 | 96773 | 9.035 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.90 | 146 | 101575 | 9.128 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.04 | 146 | 103105 | 9.419 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.36 | 146 | 93113 | 8.838 | ng | | 99 |
| 15) Benzyl Alcohol | 8.23 | 79 | 90518 | 8.941 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54 | 45 | 126809 | 9.075 | ng | | 98 |
| 17) 2-Methylphenol | 8.44 | 107 | 81983 | 8.436 | ng | | 98 |
| 18) Hexachloroethane | 9.09 | 117 | 38631 | 9.172 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.80 | 70 | 84927 | 9.363 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.76 | 107 | 111594 | 8.425 | ng | | 98 |
| 22) Acetophenone | 8.82 | 105 | 225429 | 14.292 | ng | # | 96 |
| 24) Nitrobenzene | 9.20 | 77 | 114489 | 10.112 | ng | | 97 |
| 25) Isophorone | 9.72 | 82 | 218741 | 8.735 | ng | | 99 |
| 26) 2-Nitrophenol | 9.91 | 139 | 35291 | 9.563 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.97 | 122 | 86382 | 9.691 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93 | 129366 | 9.200 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.44 | 162 | 80719 | 8.748 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.67 | 180 | 91452 | 8.945 | ng | | 96 |
| 31) Naphthalene | 10.85 | 128 | 292171 | 9.231 | ng | | 97 |
| 32) Benzoic acid | 10.05 | 122 | 50128 | 10.386 | ng | | 92 |
| 33) 4-Chloroaniline | 10.95 | 127 | 123098 | 8.703 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.15 | 225 | 50266 | 8.420 | ng | | 96 |
| 35) Caprolactam | 11.69 | 113 | 30176 | 8.614 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 12.07 | 107 | 93696 | 8.915 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 211168 | 9.385 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.68 | 142 | 200085 | 9.423 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 149821 | 15.008 | ng | | 97 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.82 | 237 | 52036 | 8.785 ng | | 92 |
| 43) 2,4,6-Trichlorophenol | 13.06 | 196 | 58807 | 8.710 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.13 | 196 | 64959 | 8.510 ng | | 97 |
| 46) 1,1'-Biphenyl | 13.46 | 154 | 421376 | 15.817 ng | | 98 |
| 47) 2-Chloronaphthalene | 13.50 | 162 | 191902 | 9.130 ng | | 99 |
| 48) 2-Nitroaniline | 13.69 | 65 | 53533 | 10.882 ng | | 98 |
| 49) Acenaphthylene | 14.35 | 152 | 322861 | 9.520 ng | | 96 |
| 50) Dimethylphthalate | 14.08 | 163 | 240435 | 9.047 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.19 | 165 | 43774 | 10.615 ng | | 94 |
| 52) Acenaphthene | 14.69 | 154 | 196361 | 9.179 ng | | 99 |
| 53) 3-Nitroaniline | 14.51 | 138 | 50980 | 9.976 ng | # | 91 |
| 54) 2,4-Dinitrophenol | 14.72 | 184 | 16847 | 11.581 ng | # | 87 |
| 55) Dibenzofuran | 15.03 | 168 | 298130 | 9.508 ng | | 96 |
| 56) 4-Nitrophenol | 14.81 | 139 | 39541 | 9.132 ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.97 | 165 | 56793 | 11.145 ng | | 88 |
| 58) Fluorene | 15.67 | 166 | 240884 | 9.364 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.25 | 232 | 55605 | 9.434 ng | | 92 |
| 60) Diethylphthalate | 15.45 | 149 | 255888 | 9.181 ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204 | 111170 | 8.687 ng | | 98 |
| 62) 4-Nitroaniline | 15.67 | 138 | 56462 | 10.279 ng | | 89 |
| 63) Azobenzene | 15.97 | 77 | 286008 | 9.560 ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198 | 17649 | 8.253 ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.88 | 169 | 215112 | 9.507 ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 16.56 | 248 | 70612 | 8.659 ng | | 96 |
| 68) Hexachlorobenzene | 16.68 | 284 | 74597 | 9.116 ng | | 98 |
| 69) Atrazine | 16.83 | 200 | 73699 | 11.017 ng | | 96 |
| 70) Pentachlorophenol | 17.02 | 266 | 36468 | 8.015 ng | | 93 |
| 71) Phenanthrene | 17.41 | 178 | 375838 | 9.736 ng | | 97 |
| 72) Anthracene | 17.50 | 178 | 384343 | 9.811 ng | | 94 |
| 73) Carbazole | 17.76 | 167 | 366646 | 9.337 ng | | 97 |
| 74) Di-n-butylphthalate | 18.34 | 149 | 452191 | 9.530 ng | | 95 |
| 75) Fluoranthene | 19.42 | 202 | 435361 | 9.756 ng | | 96 |
| 77) Benzidine | 19.60 | 184 | 225724 | 11.724 ng | | 100 |
| 78) Pyrene | 19.78 | 202 | 446341 | 9.711 ng | | 95 |
| 80) Butylbenzylphthalate | 20.68 | 149 | 186582 | 8.590 ng | | 98 |
| 81) Benzo(a)anthracene | 21.60 | 228 | 412626 | 9.319 ng | | 93 |
| 82) 3,3'-Dichlorobenzidine | 21.52 | 252 | 155653 | 9.514 ng | | 98 |
| 83) Chrysene | 21.67 | 228 | 389341 | 9.230 ng | | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149 | 281665 | 8.933 ng | | 93 |
| 85) Di-n-octyl phthalate | 22.75 | 149 | 455028 | 8.316 ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.35 | 276 | 453462 | 9.150 ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.78 | 252 | 410625 | 9.549 ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.85 | 252 | 394085 | 9.692 ng | | 97 |
| 90) Benzo(a)pyrene | 24.64 | 252 | 367394 | 9.086 ng | | 95 |
| 91) Dibenzo(a,h)anthracene | 28.42 | 278 | 375631 | 9.398 ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.46 | 276 | 378407 | 9.407 ng | | 97 |

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

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