Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
Data File : BG063954.D
Acq On : 24 Jan 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

Quant Time: Jan 27 14:57:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:52:53 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.950 | 152 | 71685 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.747 | 136 | 303409 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.571 | 164 | 201031 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.315 | 188 | 460358 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.557 | 240 | 499405 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.660 | 264 | 513239 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.535 | 112 | 54641 | 10.517 | ng | | 0.00 |
| 7) Phenol-d6 | 7.104 | 99 | 73674 | 10.499 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 0.000 | 82 | 0d | 0.000 | ng | | |
| 42) 2,4,6-Tribromophenol | 16.058 | 330 | 16370 | 7.972 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.197 | 172 | 145493 | 10.228 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.930 | 244 | 276404 | 11.061 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.467 | 88 | 11006 | 4.778 | ng | | 91 |
| 3) Pyridine | 3.855 | 79 | 28595 | 4.530 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.772 | 42 | 16426 | 4.574 | ng | # | 86 |
| 6) Aniline | 7.274 | 93 | 29477 | 5.069 | ng | | 99 |
| 8) 2-Chlorophenol | 7.509 | 128 | 29934 | 5.488 | ng | | 93 |
| 9) Benzaldehyde | 7.092 | 77 | 24109 | 5.828 | ng | | 95 |
| 10) Phenol | 7.133 | 94 | 39209 | 5.290 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.374 | 93 | 32810 | 5.657 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.844 | 146 | 30135 | 5.118 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.985 | 146 | 30834 | 5.166 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.302 | 146 | 29906 | 5.157 | ng | | 94 |
| 15) Benzyl Alcohol | 8.179 | 79 | 25265 | 4.852 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.479 | 45 | 52596 | 4.906 | ng | | 98 |
| 17) 2-Methylphenol | 8.385 | 107 | 22956 | 4.757 | ng | | 95 |
| 18) Hexachloroethane | 9.031 | 117 | 9779 | 4.698 | ng | # | 86 |
| 19) n-Nitroso-di-n-propyla... | 8.749 | 70 | 23374 | 4.942 | ng | # | 92 |
| 20) 3+4-Methylphenols | 8.702 | 107 | 30509 | 4.637 | ng | | 94 |
| 22) Acetophenone | 8.767 | 105 | 45487 | 5.204 | ng | # | 97 |
| 24) Nitrobenzene | 9.143 | 77 | 22240 | 3.868 | ng | | 94 |
| 25) Isophorone | 9.665 | 82 | 62474 | 5.062 | ng | | 99 |
| 26) 2-Nitrophenol | 9.859 | 139 | 5287 | 6.286 | ng | # | 75 |
| 27) 2,4-Dimethylphenol | 9.906 | 122 | 17178 | 4.803 | ng | | 86 |
| 28) bis(2-Chloroethoxy)met... | 10.153 | 93 | 37317 | 4.943 | ng | # | 99 |
| 29) 2,4-Dichlorophenol | 10.382 | 162 | 20606 | 4.570 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 10.606 | 180 | 29115 | 5.246 | ng | | 98 |
| 31) Naphthalene | 10.794 | 128 | 89547 | 5.140 | ng | | 98 |
| 33) 4-Chloroaniline | 10.893 | 127 | 30910 | 5.009 | ng | # | 91 |
| 34) Hexachlorobutadiene | 11.087 | 225 | 17846 | 4.938 | ng | | 99 |
| 35) Caprolactam | 11.628 | 113 | 8263 | 4.726 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 12.010 | 107 | 28161 | 4.862 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.403 | 142 | 58471 | 4.991 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.621 | 142 | 59574 | 5.080 | ng | | 92 |
| 40) 1,2,4,5-Tetrachloroben... | 12.768 | 216 | 30557 | 4.885 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.750 | 237 | 4665 | 3.635 | ng | | 89 |
| 43) 2,4,6-Trichlorophenol | 12.997 | 196 | 16220 | 4.259 | ng | | 95 |
| 44) 2,4,5-Trichlorophenol | 13.067 | 196 | 19581 | 4.460 | ng | | 94 |

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|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 13.408 | 154 | 82563 | 5.069 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.449 | 162 | 62508 | 4.994 | ng | | 97 |
| 48) 2-Nitroaniline | 13.637 | 65 | 8893 | 7.101 | ng | # | 86 |
| 49) Acenaphthylene | 14.295 | 152 | 89363 | 4.952 | ng | | 99 |
| 50) Dimethylphthalate | 14.025 | 163 | 77912 | 5.121 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.143 | 165 | 5794 | 6.570 | ng | # | 87 |
| 52) Acenaphthene | 14.636 | 154 | 61916 | 4.982 | ng | | 98 |
| 53) 3-Nitroaniline | 14.466 | 138 | 7413 | 5.495 | ng | # | 81 |
| 55) Dibenzofuran | 14.971 | 168 | 97212 | 5.117 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.918 | 165 | 7571 | 7.436 | ng | # | 92 |
| 58) Fluorene | 15.617 | 166 | 80501 | 5.218 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.194 | 232 | 14340 | 3.888 | ng | | 94 |
| 60) Diethylphthalate | 15.394 | 149 | 80950 | 4.977 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.617 | 204 | 40334 | 5.326 | ng | | 99 |
| 62) 4-Nitroaniline | 15.623 | 138 | 8975 | 6.012 | ng | | 95 |
| 63) Azobenzene | 15.905 | 77 | 88069 | 5.035 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.829 | 169 | 66935 | 4.905 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.510 | 248 | 23391 | 4.896 | ng | | 95 |
| 68) Hexachlorobenzene | 16.622 | 284 | 28616 | 5.060 | ng | | 99 |
| 69) Atrazine | 16.775 | 200 | 10844 | 5.499 | ng | | 93 |
| 71) Phenanthrene | 17.356 | 178 | 130792 | 5.114 | ng | | 100 |
| 72) Anthracene | 17.445 | 178 | 124848 | 4.976 | ng | | 98 |
| 73) Carbazole | 17.709 | 167 | 123527 | 4.961 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.291 | 149 | 141253 | 4.821 | ng | | 99 |
| 75) Fluoranthene | 19.366 | 202 | 162167 | 5.067 | ng | | 98 |
| 77) Benzidine | 19.542 | 184 | 42716 | 4.897 | ng | | 96 |
| 78) Pyrene | 19.724 | 202 | 175059 | 5.239 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.629 | 149 | 51855 | 4.206 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.540 | 228 | 170553 | 4.980 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.463 | 252 | 51330 | 4.644 | ng | # | 96 |
| 83) Chrysene | 21.604 | 228 | 165408 | 5.000 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.487 | 149 | 89506 | 4.530 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.668 | 149 | 141520 | 4.359 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 28.150 | 276 | 171022 | 4.766 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 23.678 | 252 | 158022 | 4.776 | ng | | 96 |
| 89) Benzo(k)fluoranthene | 23.743 | 252 | 159060 | 4.837 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.513 | 252 | 137611 | 4.739 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.214 | 278 | 137942 | 4.613 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.231 | 276 | 141602 | 4.721 | ng | | 99 |

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

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