Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
Data File : BG061059.D
Acq On : 30 Apr 2024 11:32
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 01 04:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 04:45:52 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.959 | 152 | 17399 | 20.000 | ng | | # 0.00 |
| 21) Naphthalene-d8 | 10.756 | 136 | 70277 | 20.000 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.586 | 164 | 65131 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.330 | 188 | 182901 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.584 | 240 | 207160 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.722 | 264 | 235870 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.550 | 112 | 8629 | 10.086 | ng | | 0.00 |
| 7) Phenol-d6 | 7.130 | 99 | 11962 | 9.452 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.116 | 82 | 14392 | 10.152 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.073 | 330 | 13319 | 10.231 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.206 | 172 | 43653 | 9.911 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.945 | 244 | 126280 | 10.138 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.464 | 88 | 1987 | 5.744 | ng | | 92 |
| 3) Pyridine | 3.858 | 79 | 4970 | 5.151 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.776 | 42 | 4670 | 4.775 | ng | # | 82 |
| 6) Aniline | 7.283 | 93 | 5855 | 4.667 | ng | # | 94 |
| 8) 2-Chlorophenol | 7.536 | 128 | 4878 | 4.648 | ng | | 85 |
| 9) Benzaldehyde | 7.101 | 77 | 4275m | 4.205 | ng | | |
| 10) Phenol | 7.160 | 94 | 6038 | 4.691 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 7.383 | 93 | 4229 | 4.756 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.853 | 146 | 6073m | 4.908 | ng | | |
| 13) 1,4-Dichlorobenzene | 7.994 | 146 | 6487 | 5.073 | ng | | 90 |
| 14) 1,2-Dichlorobenzene | 8.311 | 146 | 6173m | 5.003 | ng | | |
| 15) Benzyl Alcohol | 8.194 | 79 | 5631 | 4.932 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.488 | 45 | 9304 | 4.822 | ng | | 94 |
| 17) 2-Methylphenol | 8.405 | 107 | 4168 | 4.544 | ng | | 94 |
| 18) Hexachloroethane | 9.046 | 117 | 2206 | 4.834 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.758 | 70 | 5218 | 5.509 | ng | # | 74 |
| 20) 3+4-Methylphenols | 8.723 | 107 | 5892 | 4.453 | ng | | 96 |
| 22) Acetophenone | 8.776 | 105 | 8769 | 5.010 | ng | # | 95 |
| 24) Nitrobenzene | 9.157 | 77 | 6748 | 4.866 | ng | # | 89 |
| 25) Isophorone | 9.680 | 82 | 13900 | 5.304 | ng | | 97 |
| 26) 2-Nitrophenol | 9.863 | 139 | 3168 | 4.821 | ng | # | 81 |
| 27) 2,4-Dimethylphenol | 9.933 | 122 | 3599 | 4.751 | ng | | 83 |
| 28) bis(2-Chloroethoxy)met... | 10.162 | 93 | 6727 | 5.230 | ng | # | 89 |
| 29) 2,4-Dichlorophenol | 10.403 | 162 | 5859 | 4.936 | ng | | 82 |
| 30) 1,2,4-Trichlorobenzene | 10.626 | 180 | 7299 | 5.104 | ng | # | 93 |
| 31) Naphthalene | 10.808 | 128 | 18967 | 5.193 | ng | | 97 |
| 32) Benzoic acid | 10.004 | 122 | 3426 | 4.097 | ng | # | 60 |
| 33) 4-Chloroaniline | 10.914 | 127 | 7028 | 4.825 | ng | # | 86 |
| 34) Hexachlorobutadiene | 11.096 | 225 | 6243 | 5.087 | ng | | 85 |
| 35) Caprolactam | 11.655 | 113 | 2357 | 5.514 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 12.042 | 107 | 6883 | 4.809 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.412 | 142 | 13499 | 4.932 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.630 | 142 | 14657 | 5.319 | ng | | 86 |
| 40) 1,2,4,5-Tetrachloroben... | 12.777 | 216 | 11077 | 5.096 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.759 | 237 | 3312 | 3.980 | ng | | 81 |
| 43) 2,4,6-Trichlorophenol | 13.018 | 196 | 6749m | 4.836 | ng | | |

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Sample : SSTDICC005
Misc :
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.094 | 196 | 7360 | 4.660 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.417 | 154 | 21269 | 5.093 | ng | | 94 |
| 47) 2-Chloronaphthalene | 13.464 | 162 | 16581 | 4.958 | ng | | 91 |
| 48) 2-Nitroaniline | 13.658 | 65 | 6191 | 4.989 | ng | # | 80 |
| 49) Acenaphthylene | 14.304 | 152 | 25583 | 4.981 | ng | | 98 |
| 50) Dimethylphthalate | 14.040 | 163 | 26812 | 5.330 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.152 | 165 | 5768 | 5.360 | ng | # | 84 |
| 52) Acenaphthene | 14.651 | 154 | 16017 | 4.999 | ng | | 98 |
| 53) 3-Nitroaniline | 14.481 | 138 | 5162 | 5.243 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.692 | 184 | 3018 | 6.055 | ng | # | 73 |
| 55) Dibenzofuran | 14.980 | 168 | 27596 | 5.099 | ng | | 98 |
| 56) 4-Nitrophenol | 14.798 | 139 | 4250 | 5.341 | ng | # | 79 |
| 57) 2,4-Dinitrotoluene | 14.945 | 165 | 7760 | 4.874 | ng | # | 96 |
| 58) Fluorene | 15.632 | 166 | 23593 | 5.038 | ng | | 94 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.215 | 232 | 8124 | 4.997 | ng | # | 96 |
| 60) Diethylphthalate | 15.403 | 149 | 27853 | 5.490 | ng | # | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.626 | 204 | 14213 | 5.055 | ng | | 87 |
| 62) 4-Nitroaniline | 15.644 | 138 | 5221 | 4.889 | ng | | 93 |
| 63) Azobenzene | 15.920 | 77 | 20521 | 5.196 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.703 | 198 | 5164 | 4.551 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.838 | 169 | 22345 | 4.927 | ng | # | 88 |
| 67) 4-Bromophenyl-phenylether | 16.519 | 248 | 10008 | 4.645 | ng | | 93 |
| 68) Hexachlorobenzene | 16.637 | 284 | 13567 | 5.059 | ng | # | 88 |
| 69) Atrazine | 16.790 | 200 | 10613 | 5.674 | ng | | 96 |
| 70) Pentachlorophenol | 16.984 | 266 | 7075 | 4.294 | ng | | 98 |
| 71) Phenanthrene | 17.371 | 178 | 42831 | 5.121 | ng | | 97 |
| 72) Anthracene | 17.465 | 178 | 41357 | 4.956 | ng | | 96 |
| 73) Carbazole | 17.730 | 167 | 39083 | 5.327 | ng | | 96 |
| 74) Di-n-butylphthalate | 18.294 | 149 | 46739 | 5.357 | ng | | 98 |
| 75) Fluoranthene | 19.381 | 202 | 62170 | 5.426 | ng | | 98 |
| 77) Benzidine | 19.563 | 184 | 9259 | 5.012 | ng | | 95 |
| 78) Pyrene | 19.745 | 202 | 65595 | 4.980 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.638 | 149 | 20988 | 5.034 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.566 | 228 | 71601 | 5.282 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.484 | 252 | 24985 | 5.121 | ng | | 96 |
| 83) Chrysene | 21.631 | 228 | 67381 | 5.305 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.496 | 149 | 27141 | 4.985 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.677 | 149 | 48122 | 5.010 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 28.270 | 276 | 81384 | 5.206 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 23.723 | 252 | 68629 | 5.207 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 23.793 | 252 | 68379m | 5.401 | ng | | |
| 90) Benzo(a)pyrene | 24.569 | 252 | 61478 | 5.354 | ng | | 96 |
| 91) Dibenzo(a,h)anthracene | 28.329 | 278 | 66990 | 5.175 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 29.375 | 276 | 65458 | 5.088 | ng | | 99 |

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

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