Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
Data File : BG054297.D
Acq On : 15 Jul 2022 11:09
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 15 14:20:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 14:17:51 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.999 | 152 | 14580 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.807 | 136 | 56053 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.632 | 164 | 48649 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.376 | 188 | 135914 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.642 | 240 | 172890 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 24.838 | 264 | 182097 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.566 | 112 | 13861 | 19.100 | ng | | 0.00 |
| 7) Phenol-d6 | 7.165 | 99 | 18392 | 18.375 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.156 | 82 | 19320 | 18.704 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.119 | 330 | 19707 | 20.912 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.252 | 172 | 66712 | 20.149 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.985 | 244 | 179068 | 21.299 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.428 | 88 | 2882 | 9.081 | ng | | 94 |
| 3) Pyridine | 3.833 | 79 | 6559 | 8.275 | ng | # | 93 |
| 4) n-Nitrosodimethylamine | 3.751 | 42 | 3559 | 8.888 | ng | # | 71 |
| 6) Aniline | 7.317 | 93 | 10945 | 9.302 | ng | | 98 |
| 8) 2-Chlorophenol | 7.564 | 128 | 8086 | 9.941 | ng | | 89 |
| 9) Benzaldehyde | 7.129 | 77 | 6025 | 10.024 | ng | # | 80 |
| 10) Phenol | 7.188 | 94 | 9727 | 9.632 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.417 | 93 | 6630 | 8.903 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 7.887 | 146 | 9846m | 9.969 | ng | | |
| 13) 1,4-Dichlorobenzene | 8.034 | 146 | 10078 | 9.958 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.351 | 146 | 9422m | 9.695 | ng | | |
| 15) Benzyl Alcohol | 8.240 | 79 | 7369 | 9.133 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.528 | 45 | 8634 | 8.349 | ng | | 91 |
| 17) 2-Methylphenol | 8.451 | 107 | 6867 | 9.517 | ng | # | 86 |
| 18) Hexachloroethane | 9.086 | 117 | 3221 | 9.354 | ng | # | 64 |
| 19) n-Nitroso-di-n-propyla... | 8.798 | 70 | 6424 | 9.401 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.774 | 107 | 9494 | 9.378 | ng | | 96 |
| 22) Acetophenone | 8.822 | 105 | 13349 | 9.854 | ng | # | 97 |
| 24) Nitrobenzene | 9.203 | 77 | 9874 | 9.724 | ng | | 93 |
| 25) Isophorone | 9.726 | 82 | 17802 | 9.527 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.920 | 139 | 4645 | 9.285 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 9.979 | 122 | 6827 | 9.756 | ng | | 84 |
| 28) bis(2-Chloroethoxy)met... | 10.208 | 93 | 8834 | 9.288 | ng | | 92 |
| 29) 2,4-Dichlorophenol | 10.461 | 162 | 10236 | 10.093 | ng | | 84 |
| 30) 1,2,4-Trichlorobenzene | 10.672 | 180 | 12532 | 10.015 | ng | | 92 |
| 31) Naphthalene | 10.854 | 128 | 27070 | 9.604 | ng | | 98 |
| 32) Benzoic acid | 10.190 | 122 | 683m | 2.399 | ng | | |
| 33) 4-Chloroaniline | 10.966 | 127 | 11457 | 9.774 | ng | # | 92 |
| 34) Hexachlorobutadiene | 11.148 | 225 | 11220 | 10.806 | ng | | 92 |
| 35) Caprolactam | 11.706 | 113 | 2655 | 9.192 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 12.094 | 107 | 9615 | 9.854 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.464 | 142 | 21374 | 9.895 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.682 | 142 | 21520m | 10.261 | ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 12.834 | 216 | 20141 | 10.199 | ng | # | 94 |
| 41) Hexachlorocyclopentadiene | 12.811 | 237 | 1413 | 2.861 | ng | | 83 |
| 43) 2,4,6-Trichlorophenol | 13.069 | 196 | 10522 | 9.278 | ng | | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.152 | 196 | 12381 | 9.980 | ng | # | 91 |
| 46) | 1,1'-Biphenyl | 13.469 | 154 | 31256 | 9.554 | ng | | 95 |
| 47) | 2-Chloronaphthalene | 13.510 | 162 | 26477 | 9.681 | ng | | 96 |
| 48) | 2-Nitroaniline | 13.710 | 65 | 6649 | 8.590 | ng | # | 88 |
| 49) | Acenaphthylene | 14.356 | 152 | 40464 | 9.753 | ng | | 99 |
| 50) | Dimethylphthalate | 14.080 | 163 | 37241 | 9.750 | ng | # | 98 |
| 51) | 2,6-Dinitrotoluene | 14.203 | 165 | 7799 | 9.394 | ng | # | 74 |
| 52) | Acenaphthene | 14.697 | 154 | 24050 | 9.584 | ng | | 98 |
| 53) | 3-Nitroaniline | 14.532 | 138 | 6582 | 8.944 | ng | | 90 |
| 54) | 2,4-Dinitrophenol | 14.756 | 184 | 2344 | 6.022 | ng | # | 80 |
| 55) | Dibenzofuran | 15.032 | 168 | 45173 | 10.248 | ng | | 93 |
| 56) | 4-Nitrophenol | 14.861 | 139 | 3714 | 7.856 | ng | | 88 |
| 57) | 2,4-Dinitrotoluene | 14.997 | 165 | 11488 | 9.556 | ng | # | 81 |
| 58) | Fluorene | 15.678 | 166 | 36314 | 9.917 | ng | | 89 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.261 | 232 | 10964 | 8.824 | ng | # | 87 |
| 60) | Diethylphthalate | 15.443 | 149 | 36786 | 9.874 | ng | | 95 |
| 61) | 4-Chlorophenyl-phenyle... | 15.666 | 204 | 23813 | 10.238 | ng | # | 88 |
| 62) | 4-Nitroaniline | 15.690 | 138 | 7207 | 9.376 | ng | | 96 |
| 63) | Azobenzene | 15.960 | 77 | 26052 | 9.279 | ng | | 82 |
| 65) | 4,6-Dinitro-2-methylph... | 15.766 | 198 | 6613 | 8.271 | ng | | 75 |
| 66) | n-Nitrosodiphenylamine | 15.884 | 169 | 32232 | 9.402 | ng | | 96 |
| 67) | 4-Bromophenyl-phenylether | 16.559 | 248 | 17747 | 9.790 | ng | # | 90 |
| 68) | Hexachlorobenzene | 16.689 | 284 | 20764 | 10.035 | ng | # | 89 |
| 69) | Atrazine | 16.824 | 200 | 15883 | 10.490 | ng | | 92 |
| 70) | Pentachlorophenol | 17.035 | 266 | 6058 | 7.288 | ng | # | 88 |
| 71) | Phenanthrene | 17.417 | 178 | 66843 | 9.832 | ng | | 98 |
| 72) | Anthracene | 17.511 | 178 | 65882 | 9.895 | ng | | 98 |
| 73) | Carbazole | 17.776 | 167 | 54722 | 9.705 | ng | | 98 |
| 74) | Di-n-butylphthalate | 18.334 | 149 | 63916 | 9.573 | ng | | 97 |
| 75) | Fluoranthene | 19.427 | 202 | 95331 | 10.311 | ng | | 95 |
| 77) | Benzidine | 19.603 | 184 | 37321 | 12.297 | ng | | 97 |
| 78) | Pyrene | 19.791 | 202 | 97358 | 9.785 | ng | | 97 |
| 80) | Butylbenzylphthalate | 20.672 | 149 | 29398 | 9.118 | ng | # | 86 |
| 81) | Benzo(a)anthracene | 21.624 | 228 | 109088 | 9.975 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.530 | 252 | 33742 | 10.094 | ng | # | 98 |
| 83) | Chrysene | 21.683 | 228 | 103042 | 9.962 | ng | | 100 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 41400 | 9.051 | ng | # | 98 |
| 85) | Di-n-octyl phthalate | 22.723 | 149 | 70434 | 8.944 | ng | # | 95 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.493 | 276 | 133923 | 9.776 | ng | # | 99 |
| 88) | Benzo(b)fluoranthene | 23.822 | 252 | 102528 | 9.495 | ng | # | 98 |
| 89) | Benzo(k)fluoranthene | 23.886 | 252 | 106128 | 9.907 | ng | # | 97 |
| 90) | Benzo(a)pyrene | 24.685 | 252 | 89834 | 9.723 | ng | | 98 |
| 91) | Dibenzo(a,h)anthracene | 28.551 | 278 | 110822 | 9.875 | ng | # | 96 |
| 92) | Benzo(g,h,i)perylene | 29.638 | 276 | 109160 | 9.752 | ng | # | 92 |

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

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