Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
Data File : BM038497.D
Acq On : 20 Jan 2023 13:26
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 00:05:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 00:02:48 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 66063 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.781 | 136 | 220423 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.604 | 164 | 136626 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.345 | 188 | 310068 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.521 | 240 | 291763 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.933 | 264 | 385704 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 78693 | 19.692 | ng | 0.00 |
| 7) Phenol-d6 | 7.128 | 99 | 98212 | 19.262 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.140 | 82 | 97721 | 19.252 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.092 | 330 | 34630 | 17.601 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.228 | 172 | 210295 | 18.960 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.957 | 244 | 309575 | 20.685 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.375 | 88 | 20316m | 10.868 | ng | |
| 3) Pyridine | 3.799 | 79 | 49119m | 10.393 | ng | |
| 4) n-Nitrosodimethylamine | 3.705 | 42 | 25283m | 10.996 | ng | |
| 6) Aniline | 7.299 | 93 | 61998 | 9.796 | ng | 96 |
| 8) 2-Chlorophenol | 7.528 | 128 | 39919 | 9.778 | ng | 98 |
| 9) Benzaldehyde | 7.110 | 77 | 34538m | 11.163 | ng | |
| 10) Phenol | 7.157 | 94 | 49690 | 9.753 | ng | 92 |
| 11) bis(2-Chloroethyl)ether | 7.393 | 93 | 38648 | 9.614 | ng | 94 |
| 12) 1,3-Dichlorobenzene | 7.857 | 146 | 44872 | 9.668 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 8.005 | 146 | 45036 | 9.604 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.322 | 146 | 43493 | 9.575 | ng | 96 |
| 15) Benzyl Alcohol | 8.216 | 79 | 36764 | 9.644 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.493 | 45 | 42863 | 10.104 | ng | 99 |
| 17) 2-Methylphenol | 8.416 | 107 | 33893 | 9.399 | ng | 95 |
| 18) Hexachloroethane | 9.046 | 117 | 16557 | 9.497 | ng | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.781 | 70 | 32787 | 10.013 | ng | 99 |
| 20) 3+4-Methylphenols | 8.746 | 107 | 43707 | 9.043 | ng | 97 |
| 22) Acetophenone | 8.799 | 105 | 59360 | 9.776 | ng | 96 |
| 24) Nitrobenzene | 9.187 | 77 | 51053 | 9.940 | ng | 99 |
| 25) Isophorone | 9.710 | 82 | 77546 | 9.257 | ng | 99 |
| 26) 2-Nitrophenol | 9.898 | 139 | 18238 | 8.946 | ng | 92 |
| 27) 2,4-Dimethylphenol | 9.951 | 122 | 31315 | 9.230 | ng | 91 |
| 28) bis(2-Chloroethoxy)met... | 10.193 | 93 | 47584 | 9.710 | ng | 96 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 36646 | 9.207 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.640 | 180 | 44056 | 9.678 | ng | 99 |
| 31) Naphthalene | 10.828 | 128 | 111155 | 9.282 | ng | 99 |
| 32) Benzoic acid | 10.040 | 122 | 16577 | 6.856 | ng | 92 |
| 33) 4-Chloroaniline | 10.951 | 127 | 45757 | 9.155 | ng | 98 |
| 34) Hexachlorobutadiene | 11.104 | 225 | 28826 | 9.627 | ng | 93 |
| 35) Caprolactam | 11.728 | 113 | 7635 | 7.912 | ng | 88 |
| 36) 4-Chloro-3-methylphenol | 12.063 | 107 | 32092 | 8.866 | ng | 90 |
| 37) 2-Methylnaphthalene | 12.434 | 142 | 77126 | 8.962 | ng | 97 |
| 38) 1-Methylnaphthalene | 12.651 | 142 | 72459 | 8.928 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.798 | 216 | 50623 | 9.850 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.775 | 237 | 24909 | 8.818 | ng | 96 |
| 43) 2,4,6-Trichlorophenol | 13.045 | 196 | 30679 | 9.325 | ng | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.116 | 196 | 35941 | 9.327 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.439 | 154 | 102196 | 9.340 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.486 | 162 | 79947 | 9.360 | ng | | 98 |
| 48) 2-Nitroaniline | 13.698 | 65 | 21918 | 8.738 | ng | | 96 |
| 49) Acenaphthylene | 14.328 | 152 | 121659 | 9.104 | ng | | 99 |
| 50) Dimethylphthalate | 14.063 | 163 | 96257 | 9.152 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.186 | 165 | 19762 | 8.929 | ng | | 90 |
| 52) Acenaphthene | 14.669 | 154 | 75324 | 9.242 | ng | | 99 |
| 53) 3-Nitroaniline | 14.522 | 138 | 18274 | 8.308 | ng | | 89 |
| 54) 2,4-Dinitrophenol | 14.733 | 184 | 11255 | 7.352 | ng | | 98 |
| 55) Dibenzofuran | 14.998 | 168 | 128434 | 9.426 | ng | | 98 |
| 56) 4-Nitrophenol | 14.828 | 139 | 13639 | 7.530 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 14.975 | 165 | 25330 | 8.442 | ng | # | 91 |
| 58) Fluorene | 15.645 | 166 | 100404 | 9.087 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.228 | 232 | 29173 | 9.262 | ng | | 99 |
| 60) Diethylphthalate | 15.416 | 149 | 93013 | 9.031 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.639 | 204 | 56246 | 9.696 | ng | | 96 |
| 62) 4-Nitroaniline | 15.680 | 138 | 17570 | 7.775 | ng | | 94 |
| 63) Azobenzene | 15.933 | 77 | 101009 | 9.257 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198 | 17161 | 8.527 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.857 | 169 | 85854 | 9.223 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.533 | 248 | 31927 | 9.283 | ng | | 100 |
| 68) Hexachlorobenzene | 16.645 | 284 | 34867 | 9.395 | ng | | 98 |
| 69) Atrazine | 16.804 | 200 | 28815 | 9.279 | ng | | 94 |
| 70) Pentachlorophenol | 16.992 | 266 | 22873 | 8.664 | ng | | 96 |
| 71) Phenanthrene | 17.386 | 178 | 161367 | 9.319 | ng | | 98 |
| 72) Anthracene | 17.480 | 178 | 161271 | 9.153 | ng | | 99 |
| 73) Carbazole | 17.751 | 167 | 139181 | 8.970 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.304 | 149 | 146897 | 8.617 | ng | | 99 |
| 75) Fluoranthene | 19.398 | 202 | 191188 | 9.187 | ng | | 98 |
| 77) Benzidine | 19.586 | 184 | 69702 | 10.543 | ng | | 99 |
| 78) Pyrene | 19.757 | 202 | 203390 | 10.012 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.645 | 149 | 60482 | 8.609 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.504 | 228 | 196773 | 9.518 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.439 | 252 | 62881 | 9.469 | ng | | 98 |
| 83) Chrysene | 21.557 | 228 | 198352 | 9.811 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.415 | 149 | 85187 | 8.367 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.339 | 149 | 164944 | 9.111 | ng | | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.450 | 276 | 264703 | 9.274 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.192 | 252 | 210396 | 9.043 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.245 | 252 | 223196 | 9.271 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.827 | 252 | 209663 | 9.089 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.462 | 278 | 220939 | 9.300 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.227 | 276 | 228741 | 9.400 | ng | | 97 |

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

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