Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036035.D
Acq On : 01 Aug 2022 17:29
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ICVBM080122

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Quant Time: Aug 01 18:53:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 257484 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.675 | 136 | 1097771 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.510 | 164 | 660682 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 1344660 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.427 | 240 | 1358307 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.791 | 264 | 1381754 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.428 | 112 | 1173164 | 73.869 | ng | | 0.00 |
| 7) Phenol-d6 | 7.039 | 99 | 1486361 | 73.552 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.039 | 82 | 1395023 | 71.134 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.992 | 330 | 560300 | 72.291 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.139 | 172 | 3096100 | 69.191 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.874 | 244 | 4751134 | 68.993 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 234172 | 36.591 | ng | # | 92 |
| 3) Pyridine | 3.710 | 79 | 629687 | 36.693 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.622 | 42 | 256291 | 36.343 | ng | # | 62 |
| 6) Aniline | 7.198 | 93 | 826186 | 36.919 | ng | | 96 |
| 8) 2-Chlorophenol | 7.434 | 128 | 624585 | 36.885 | ng | | 95 |
| 9) Benzaldehyde | 7.010 | 77 | 356095 | 33.285 | ng | | 94 |
| 10) Phenol | 7.063 | 94 | 751093 | 36.913 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.298 | 93 | 608046 | 36.276 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.757 | 146 | 687867 | 36.658 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.904 | 146 | 699990 | 36.580 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.222 | 146 | 680668 | 36.865 | ng | | 99 |
| 15) Benzyl Alcohol | 8.116 | 79 | 497952 | 36.720 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.410 | 45 | 805603 | 36.144 | ng | | 96 |
| 17) 2-Methylphenol | 8.316 | 107 | 497070 | 36.904 | ng | | 95 |
| 18) Hexachloroethane | 8.951 | 117 | 254135 | 36.892 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.686 | 70 | 455256 | 37.088 | ng | # | 87 |
| 20) 3+4-Methylphenols | 8.651 | 107 | 675605 | 36.919 | ng | | 95 |
| 22) Acetophenone | 8.698 | 105 | 915929 | 35.247 | ng | # | 93 |
| 24) Nitrobenzene | 9.081 | 77 | 656953 | 35.634 | ng | | 97 |
| 25) Isophorone | 9.610 | 82 | 1122552 | 35.186 | ng | | 98 |
| 26) 2-Nitrophenol | 9.792 | 139 | 315703 | 36.306 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 9.851 | 122 | 478090 | 35.492 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.092 | 93 | 789680 | 34.743 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 544129 | 35.920 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.539 | 180 | 604101 | 35.190 | ng | | 100 |
| 31) Naphthalene | 10.727 | 128 | 1910371 | 35.002 | ng | | 99 |
| 32) Benzoic acid | 9.986 | 122 | 394438 | 36.940 | ng | | 93 |
| 33) 4-Chloroaniline | 10.839 | 127 | 781794 | 35.543 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.010 | 225 | 357420 | 35.432 | ng | | 96 |
| 35) Caprolactam | 11.633 | 113 | 173405 | 37.164 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 568865 | 35.727 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.339 | 142 | 1279063 | 35.217 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.557 | 142 | 1250440 | 35.157 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.704 | 216 | 618974 | 34.557 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.680 | 237 | 335797 | 35.397 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.945 | 196 | 432315 | 35.470 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.016 | 196 | 459507 | 35.715 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.345 | 154 | 1658776 | 34.451 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.386 | 162 | 1270548 | 34.478 | ng | | 99 |
| 48) 2-Nitroaniline | 13.598 | 65 | 363766 | 36.222 | ng | | 92 |
| 49) Acenaphthylene | 14.233 | 152 | 2004709 | 35.193 | ng | | 99 |
| 50) Dimethylphthalate | 13.974 | 163 | 1565288 | 34.839 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.092 | 165 | 327430 | 36.322 | ng | | 93 |
| 52) Acenaphthene | 14.574 | 154 | 1302173m | 34.946 | ng | | |
| 53) 3-Nitroaniline | 14.421 | 138 | 385835 | 36.685 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 14.627 | 184 | 176260 | 36.949 | ng | | 87 |
| 55) Dibenzofuran | 14.904 | 168 | 1943949 | 34.837 | ng | | 98 |
| 56) 4-Nitrophenol | 14.721 | 139 | 315532 | 37.490 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 14.874 | 165 | 436384 | 36.933 | ng | | 99 |
| 58) Fluorene | 15.551 | 166 | 1532110 | 34.807 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.133 | 232 | 389284 | 35.718 | ng | | 97 |
| 60) Diethylphthalate | 15.333 | 149 | 1623164 | 35.155 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 764954 | 34.852 | ng | | 96 |
| 62) 4-Nitroaniline | 15.580 | 138 | 408455 | 37.751 | ng | | 89 |
| 63) Azobenzene | 15.845 | 77 | 1553867 | 35.401 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.633 | 198 | 252197 | 36.681 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.762 | 169 | 1309812 | 34.506 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.445 | 248 | 463270 | 34.444 | ng | | 95 |
| 68) Hexachlorobenzene | 16.551 | 284 | 533855 | 34.593 | ng | | 92 |
| 69) Atrazine | 16.715 | 200 | 405038 | 38.134 | ng | | 98 |
| 70) Pentachlorophenol | 16.898 | 266 | 328133 | 36.305 | ng | | 98 |
| 71) Phenanthrene | 17.292 | 178 | 2378380 | 34.718 | ng | | 99 |
| 72) Anthracene | 17.380 | 178 | 2337747 | 35.248 | ng | | 99 |
| 73) Carbazole | 17.651 | 167 | 2406885 | 35.817 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.221 | 149 | 2869696 | 35.773 | ng | | 99 |
| 75) Fluoranthene | 19.303 | 202 | 2752273 | 35.891 | ng | | 98 |
| 77) Benzidine | 19.492 | 184 | 802718 | 39.406 | ng | | 99 |
| 78) Pyrene | 19.668 | 202 | 2872561 | 34.104 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.568 | 149 | 1280452 | 35.222 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.415 | 228 | 2918758 | 34.887 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.350 | 252 | 729267 | 35.898 | ng | | 99 |
| 83) Chrysene | 21.468 | 228 | 2799507 | 35.201 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.350 | 149 | 1923127 | 35.065 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.262 | 149 | 3209836 | 35.861 | ng | | 95 |
| 87) Indeno(1,2,3-cd)pyrene | 26.256 | 276 | 3388742 | 34.899 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.074 | 252 | 2829353 | 34.949 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.121 | 252 | 2847190 | 34.821 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.691 | 252 | 2379969 | 35.039 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.273 | 278 | 2852757 | 35.098 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.009 | 276 | 2755615 | 35.020 | ng | | 98 |

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

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