Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131085.D
Acq On : 09 Nov 2022 14:16
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 15:37:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 15:21:06 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.892 | 152 | 92598 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.180 | 136 | 324475 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.939 | 164 | 185248 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.433 | 188 | 339200 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.080 | 240 | 224687 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.568 | 264 | 158635 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 512465 | 89.240 | ng | | 0.00 |
| 7) Phenol-d6 | 6.528 | 99 | 658125 | 93.896 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.469 | 82 | 669519 | 95.644 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.733 | 330 | 186422 | 91.404 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.257 | 172 | 1197791 | 88.119 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.021 | 244 | 1238870 | 88.400 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.675 | 88 | 118930 | 43.563 | ng | | 98 |
| 3) Pyridine | 3.445 | 79 | 334742 | 44.109 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.422 | 42 | 192610 | 45.135 | ng | | 97 |
| 6) Aniline | 6.563 | 93 | 413435 | 47.429 | ng | | 100 |
| 8) 2-Chlorophenol | 6.681 | 128 | 290559 | 45.484 | ng | | 95 |
| 9) Benzaldehyde | 6.451 | 77 | 203320 | 50.218 | ng | | 94 |
| 10) Phenol | 6.539 | 94 | 389788 | 47.457 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.633 | 93 | 276995 | 46.492 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.833 | 146 | 326577 | 46.453 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.916 | 146 | 330458 | 45.137 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.069 | 146 | 301684 | 42.157 | ng | | 98 |
| 15) Benzyl Alcohol | 7.039 | 79 | 260783 | 42.596 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.169 | 45 | 472067 | 45.562 | ng | | 99 |
| 17) 2-Methylphenol | 7.151 | 107 | 245956 | 46.019 | ng | | 97 |
| 18) Hexachloroethane | 7.404 | 117 | 126592 | 45.641 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.316 | 70 | 211861 | 42.414 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.304 | 107 | 297549 | 43.049 | ng | | 90 |
| 22) Acetophenone | 7.310 | 105 | 386827 | 44.779 | ng | # | 93 |
| 24) Nitrobenzene | 7.486 | 77 | 337498 | 47.009 | ng | | 98 |
| 25) Isophorone | 7.722 | 82 | 537087 | 44.763 | ng | | 99 |
| 26) 2-Nitrophenol | 7.798 | 139 | 152863 | 49.994 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.833 | 122 | 228196m | 48.302 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.928 | 93 | 304909 | 46.014 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.039 | 162 | 246048 | 48.356 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.122 | 180 | 260298 | 46.916 | ng | | 98 |
| 31) Naphthalene | 8.204 | 128 | 839703 | 47.352 | ng | | 99 |
| 32) Benzoic acid | 7.969 | 122 | 161605 | 50.214 | ng | | 100 |
| 33) 4-Chloroaniline | 8.257 | 127 | 335010 | 48.310 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.316 | 225 | 176042 | 48.604 | ng | | 99 |
| 35) Caprolactam | 8.639 | 113 | 74510 | 47.728 | ng | # | 88 |
| 36) 4-Chloro-3-methylphenol | 8.733 | 107 | 264830 | 48.223 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.898 | 142 | 557246 | 49.392 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.998 | 142 | 555912 | 51.603 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 289642 | 48.506 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 124360 | 45.183 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.175 | 196 | 192846 | 48.426 | ng | | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.216 | 196 | 216720 | 48.532 | ng | | 94 |
| 46) | 1,1'-Biphenyl | 9.363 | 154 | 677790 | 46.974 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 9.386 | 162 | 553073 | 47.280 | ng | | 100 |
| 48) | 2-Nitroaniline | 9.486 | 65 | 202270 | 47.047 | ng | | 89 |
| 49) | Acenaphthylene | 9.804 | 152 | 842370 | 46.860 | ng | | 100 |
| 50) | Dimethylphthalate | 9.663 | 163 | 622890 | 43.509 | ng | | 100 |
| 51) | 2,6-Dinitrotoluene | 9.727 | 165 | 141448 | 46.444 | ng | | 89 |
| 52) | Acenaphthene | 9.974 | 154 | 502426 | 45.644 | ng | | 98 |
| 53) | 3-Nitroaniline | 9.898 | 138 | 163465 | 49.730 | ng | | 96 |
| 54) | 2,4-Dinitrophenol | 10.004 | 184 | 77109 | 50.281 | ng | # | 88 |
| 55) | Dibenzofuran | 10.151 | 168 | 746965 | 44.630 | ng | | 95 |
| 56) | 4-Nitrophenol | 10.057 | 139 | 115657 | 49.852 | ng | | 91 |
| 57) | 2,4-Dinitrotoluene | 10.133 | 165 | 187603 | 47.414 | ng | | 90 |
| 58) | Fluorene | 10.492 | 166 | 598820 | 44.989 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.263 | 232 | 172136 | 47.318 | ng | | 99 |
| 60) | Diethylphthalate | 10.363 | 149 | 594522 | 39.847 | ng | | 97 |
| 61) | 4-Chlorophenyl-phenyle... | 10.480 | 204 | 279307 | 42.366 | ng | | 98 |
| 62) | 4-Nitroaniline | 10.516 | 138 | 166492 | 49.412 | ng | | 95 |
| 63) | Azobenzene | 10.645 | 77 | 626915 | 43.229 | ng | | 95 |
| 65) | 4,6-Dinitro-2-methylph... | 10.545 | 198 | 112638 | 52.331 | ng | | 93 |
| 66) | n-Nitrosodiphenylamine | 10.604 | 169 | 529889 | 44.209 | ng | | 98 |
| 67) | 4-Bromophenyl-phenylether | 10.974 | 248 | 180764 | 42.414 | ng | # | 90 |
| 68) | Hexachlorobenzene | 11.039 | 284 | 200370 | 43.343 | ng | # | 89 |
| 69) | Atrazine | 11.127 | 200 | 164745 | 48.319 | ng | | 98 |
| 70) | Pentachlorophenol | 11.233 | 266 | 98767 | 49.242 | ng | | 97 |
| 71) | Phenanthrene | 11.457 | 178 | 878176 | 45.963 | ng | | 99 |
| 72) | Anthracene | 11.510 | 178 | 855517 | 45.619 | ng | | 99 |
| 73) | Carbazole | 11.668 | 167 | 780351 | 48.635 | ng | | 99 |
| 74) | Di-n-butylphthalate | 11.986 | 149 | 881886 | 41.035 | ng | | 100 |
| 75) | Fluoranthene | 12.651 | 202 | 941000 | 46.400 | ng | | 99 |
| 77) | Benzidine | 12.768 | 184 | 330141 | 54.472 | ng | | 98 |
| 78) | Pyrene | 12.880 | 202 | 955940 | 46.716 | ng | | 99 |
| 80) | Butylbenzylphthalate | 13.492 | 149 | 359470 | 44.590 | ng | | 97 |
| 81) | Benzo(a)anthracene | 14.068 | 228 | 772274 | 47.337 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 14.033 | 252 | 211415 | 47.688 | ng | | 97 |
| 83) | Chrysene | 14.109 | 228 | 730759 | 47.167 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.045 | 149 | 386512 | 41.849 | ng | | 99 |
| 85) | Di-n-octyl phthalate | 14.662 | 149 | 493430 | 37.491 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.092 | 276 | 609531 | 52.009 | ng | | 99 |
| 88) | Benzo(b)fluoranthene | 15.133 | 252 | 521286 | 45.219 | ng | | 99 |
| 89) | Benzo(k)fluoranthene | 15.162 | 252 | 522180 | 46.492 | ng | | 99 |
| 90) | Benzo(a)pyrene | 15.509 | 252 | 432092 | 47.145 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 17.109 | 278 | 492935 | 51.236 | ng | | 99 |
| 92) | Benzo(g,h,i)perylene | 17.556 | 276 | 521947 | 53.544 | ng | | 99 |

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

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