Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131779.D
Acq On : 22 Dec 2022 16:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 03:30:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.857 | 152 | 87262 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.145 | 136 | 310688 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.910 | 164 | 183875 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.398 | 188 | 352821 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 199611 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.533 | 264 | 169532 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.463 | 112 | 423513 | 81.725 | ng | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 560736 | 80.392 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 618668 | 80.839 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.704 | 330 | 165218 | 82.093 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 1073183 | 81.759 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 1176188 | 91.835 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.569 | 88 | 102700 | 42.409 | ng | 100 |
| 3) Pyridine | 3.322 | 79 | 286243 | 41.453 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.299 | 42 | 129363 | 41.408 | ng | 100 |
| 6) Aniline | 6.522 | 93 | 345752 | 40.152 | ng | 99 |
| 8) 2-Chlorophenol | 6.640 | 128 | 225383 | 40.493 | ng | 99 |
| 9) Benzaldehyde | 6.404 | 77 | 170762 | 42.156 | ng | 99 |
| 10) Phenol | 6.504 | 94 | 334342 | 40.148 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.592 | 93 | 243016 | 40.779 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.792 | 146 | 252842 | 40.186 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.875 | 146 | 259785 | 40.393 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.028 | 146 | 237776 | 39.487 | ng | 99 |
| 15) Benzyl Alcohol | 7.004 | 79 | 248095 | 39.823 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.134 | 45 | 317350 | 41.763 | ng | 99 |
| 17) 2-Methylphenol | 7.116 | 107 | 208237 | 39.630 | ng | 97 |
| 18) Hexachloroethane | 7.369 | 117 | 104312 | 40.916 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 203772 | 40.507 | ng | 98 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 269887 | 39.908 | ng | 98 |
| 22) Acetophenone | 7.275 | 105 | 362062 | 39.933 | ng | 98 |
| 24) Nitrobenzene | 7.445 | 77 | 317074 | 40.753 | ng | 94 |
| 25) Isophorone | 7.686 | 82 | 527074 | 40.554 | ng | 99 |
| 26) 2-Nitrophenol | 7.763 | 139 | 120867 | 39.750 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 173102 | 39.971 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 282441 | 40.923 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 214271 | 40.984 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 245689 | 39.974 | ng | 99 |
| 31) Naphthalene | 8.169 | 128 | 676862 | 39.891 | ng | 100 |
| 32) Benzoic acid | 7.934 | 122 | 136662m | 39.422 | ng | |
| 33) 4-Chloroaniline | 8.222 | 127 | 257893 | 38.973 | ng | 99 |
| 34) Hexachlorobutadiene | 8.281 | 225 | 169249 | 40.929 | ng | 99 |
| 35) Caprolactam | 8.610 | 113 | 60799 | 38.567 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 8.704 | 107 | 241047 | 40.361 | ng | 100 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 461234 | 39.851 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 450916 | 40.225 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 259013 | 41.173 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 117115 | 41.091 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 169392 | 41.220 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.181 | 196 | 185004 | 41.585 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 568217 | 41.083 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.357 | 162 | 464209 | 40.988 | ng | 99 |
| 48) 2-Nitroaniline | 9.457 | 65 | 169380 | 41.494 | ng | 95 |
| 49) Acenaphthylene | 9.775 | 152 | 689908 | 40.614 | ng | 100 |
| 50) Dimethylphthalate | 9.633 | 163 | 572956 | 41.412 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.698 | 165 | 123403 | 41.480 | ng | 92 |
| 52) Acenaphthene | 9.945 | 154 | 420306 | 40.391 | ng | 99 |
| 53) 3-Nitroaniline | 9.875 | 138 | 122854 | 40.359 | ng | 90 |
| 54) 2,4-Dinitrophenol | 9.975 | 184 | 69021 | 38.720 | ng | 93 |
| 55) Dibenzofuran | 10.116 | 168 | 651425 | 40.824 | ng | 99 |
| 56) 4-Nitrophenol | 10.033 | 139 | 86524 | 39.713 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.104 | 165 | 163993 | 41.022 | ng | 97 |
| 58) Fluorene | 10.463 | 166 | 522926 | 40.533 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232 | 152192m | 40.978 | ng | |
| 60) Diethylphthalate | 10.333 | 149 | 549377 | 41.209 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204 | 281196 | 41.009 | ng | 99 |
| 62) 4-Nitroaniline | 10.492 | 138 | 119918 | 39.143 | ng | 95 |
| 63) Azobenzene | 10.616 | 77 | 610095 | 41.673 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198 | 100121 | 41.333 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.575 | 169 | 440237 | 40.236 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 170490 | 40.914 | ng | 98 |
| 68) Hexachlorobenzene | 11.004 | 284 | 185388 | 40.451 | ng | 100 |
| 69) Atrazine | 11.104 | 200 | 146778 | 40.244 | ng | 98 |
| 70) Pentachlorophenol | 11.204 | 266 | 98636 | 40.550 | ng | 97 |
| 71) Phenanthrene | 11.427 | 178 | 760493 | 39.529 | ng | 99 |
| 72) Anthracene | 11.480 | 178 | 743041 | 39.445 | ng | 99 |
| 73) Carbazole | 11.639 | 167 | 632529 | 38.811 | ng | 100 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 833281 | 41.062 | ng | 100 |
| 75) Fluoranthene | 12.616 | 202 | 825398 | 38.522 | ng | 98 |
| 77) Benzidine | 12.739 | 184 | 159835 | 43.668 | ng | 97 |
| 78) Pyrene | 12.851 | 202 | 823997 | 45.403 | ng | 100 |
| 80) Butylbenzylphthalate | 13.468 | 149 | 291291 | 45.508 | ng | 95 |
| 81) Benzo(a)anthracene | 14.039 | 228 | 599122 | 41.675 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.004 | 252 | 169939 | 42.340 | ng | 99 |
| 83) Chrysene | 14.074 | 228 | 571377 | 42.110 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149 | 348354 | 45.640 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 487146 | 45.722 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.039 | 276 | 527996 | 46.368 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.098 | 252 | 472894 | 39.427 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.127 | 252 | 439253 | 37.531 | ng | 97 |
| 90) Benzo(a)pyrene | 15.474 | 252 | 375664 | 39.541 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 17.056 | 278 | 436532 | 46.388 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.498 | 276 | 440030 | 47.309 | ng | 98 |

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

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