Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
Data File : BF131894.D
Acq On : 04 Jan 2023 12:15
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 05 05:33:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.816 | 152 | 70957 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.104 | 136 | 251515 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.869 | 164 | 148792 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.363 | 188 | 298626 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.015 | 240 | 196599 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.492 | 264 | 135672 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.416 | 112 | 357811 | 83.568 | ng | 0.00 |
| 7) Phenol-d6 | 6.451 | 99 | 464271 | 82.532 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 509406 | 80.863 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.663 | 330 | 136006 | 84.129 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.186 | 172 | 894572 | 82.351 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.957 | 244 | 1082447 | 93.133 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.493 | 88 | 79582 | 40.081 | ng | 98 |
| 3) Pyridine | 3.228 | 79 | 232846 | 41.715 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.204 | 42 | 108433 | 41.314 | ng | 99 |
| 6) Aniline | 6.481 | 93 | 284692 | 41.730 | ng | 99 |
| 8) 2-Chlorophenol | 6.598 | 128 | 188079 | 41.693 | ng | 93 |
| 9) Benzaldehyde | 6.363 | 77 | 142088 | 39.365 | ng | 95 |
| 10) Phenol | 6.463 | 94 | 276424 | 41.263 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 6.557 | 93 | 197189 | 41.163 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.757 | 146 | 210075 | 40.751 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.833 | 146 | 215856 | 41.549 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 6.986 | 146 | 202006 | 41.381 | ng | 98 |
| 15) Benzyl Alcohol | 6.963 | 79 | 209258 | 42.420 | ng | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.092 | 45 | 252776 | 41.348 | ng | 97 |
| 17) 2-Methylphenol | 7.075 | 107 | 172315 | 41.784 | ng | 100 |
| 18) Hexachloroethane | 7.328 | 117 | 87205 | 41.569 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.239 | 70 | 163000 | 41.028 | ng | 98 |
| 20) 3+4-Methylphenols | 7.233 | 107 | 224043 | 41.637 | ng | 98 |
| 22) Acetophenone | 7.233 | 105 | 297579 | 40.357 | ng | 98 |
| 24) Nitrobenzene | 7.410 | 77 | 258398 | 40.929 | ng | 99 |
| 25) Isophorone | 7.651 | 82 | 424482 | 41.261 | ng | 98 |
| 26) 2-Nitrophenol | 7.722 | 139 | 100972 | 41.135 | ng | 93 |
| 27) 2,4-Dimethylphenol | 7.763 | 122 | 145492 | 41.553 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.857 | 93 | 226865 | 41.105 | ng | 99 |
| 29) 2,4-Dichlorophenol | 7.969 | 162 | 174990 | 41.482 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.045 | 180 | 204067 | 40.801 | ng | 99 |
| 31) Naphthalene | 8.128 | 128 | 565608 | 41.063 | ng | 99 |
| 32) Benzoic acid | 7.892 | 122 | 99385m | 38.835 | ng | |
| 33) 4-Chloroaniline | 8.180 | 127 | 219440 | 41.520 | ng | 98 |
| 34) Hexachlorobutadiene | 8.239 | 225 | 139368 | 40.729 | ng | 99 |
| 35) Caprolactam | 8.569 | 113 | 52605 | 42.119 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 8.669 | 107 | 204224 | 42.836 | ng | 97 |
| 37) 2-Methylnaphthalene | 8.822 | 142 | 383436 | 41.477 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.922 | 142 | 370768 | 41.290 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.986 | 216 | 211547 | 40.492 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 8.969 | 237 | 66184 | 32.134 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.104 | 196 | 137966 | 41.232 | ng | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.145 | 196 | 148805 | 41.140 | ng | 98 |
| 46) 1,1'-Biphenyl | 9.292 | 154 | 468704 | 41.145 | ng | 98 |
| 47) 2-Chloronaphthalene | 9.316 | 162 | 387013 | 41.065 | ng | 99 |
| 48) 2-Nitroaniline | 9.416 | 65 | 145297 | 42.061 | ng | 95 |
| 49) Acenaphthylene | 9.733 | 152 | 585942 | 41.754 | ng | 99 |
| 50) Dimethylphthalate | 9.598 | 163 | 476706 | 42.349 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.663 | 165 | 103298 | 42.391 | ng | 91 |
| 52) Acenaphthene | 9.904 | 154 | 352266 | 41.593 | ng | 99 |
| 53) 3-Nitroaniline | 9.833 | 138 | 103712 | 41.770 | ng | 97 |
| 54) 2,4-Dinitrophenol | 9.939 | 184 | 56456 | 40.259 | ng | 96 |
| 55) Dibenzofuran | 10.074 | 168 | 550416 | 42.182 | ng | 98 |
| 56) 4-Nitrophenol | 9.998 | 139 | 68023 | 39.109 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 10.069 | 165 | 140983 | 42.305 | ng | 97 |
| 58) Fluorene | 10.421 | 166 | 439231 | 41.232 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232 | 116833m | 39.361 | ng | |
| 60) Diethylphthalate | 10.292 | 149 | 453239 | 41.835 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204 | 234850 | 42.409 | ng | 98 |
| 62) 4-Nitroaniline | 10.451 | 138 | 108652 | 41.989 | ng | 98 |
| 63) Azobenzene | 10.574 | 77 | 499491 | 41.542 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.480 | 198 | 83321 | 40.980 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 10.533 | 169 | 372003 | 40.837 | ng | 96 |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248 | 140700 | 40.652 | ng | 94 |
| 68) Hexachlorobenzene | 10.969 | 284 | 156818 | 41.245 | ng | 92 |
| 69) Atrazine | 11.063 | 200 | 129748 | 43.264 | ng | 97 |
| 70) Pentachlorophenol | 11.168 | 266 | 74519 | 39.609 | ng | 98 |
| 71) Phenanthrene | 11.386 | 178 | 657700 | 40.050 | ng | 99 |
| 72) Anthracene | 11.439 | 178 | 650473 | 40.491 | ng | 99 |
| 73) Carbazole | 11.598 | 167 | 565990 | 39.909 | ng | 99 |
| 74) Di-n-butylphthalate | 11.927 | 149 | 714054 | 41.655 | ng | 99 |
| 75) Fluoranthene | 12.580 | 202 | 758298 | 39.643 | ng | 99 |
| 77) Benzidine | 12.704 | 184 | 138729 | 42.939 | ng | 99 |
| 78) Pyrene | 12.810 | 202 | 758537 | 46.033 | ng | 99 |
| 80) Butylbenzylphthalate | 13.433 | 149 | 289310 | 47.335 | ng | 99 |
| 81) Benzo(a)anthracene | 14.004 | 228 | 612557 | 43.034 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.968 | 252 | 170845 | 41.526 | ng | 98 |
| 83) Chrysene | 14.045 | 228 | 564050 | 42.169 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149 | 336548 | 45.224 | ng | 100 |
| 85) Di-n-octyl phthalate | 14.604 | 149 | 441102 | 44.031 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.980 | 276 | 382774 | 44.409 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.062 | 252 | 391564 | 39.361 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.092 | 252 | 401722 | 41.794 | ng | 99 |
| 90) Benzo(a)pyrene | 15.433 | 252 | 310780 | 40.351 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 16.998 | 278 | 321993 | 45.606 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.427 | 276 | 320662 | 39.449 | ng | 98 |

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

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