Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF131988.D
Acq On : 10 Jan 2023 09:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 00:33:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/11/2023
Supervised By :Jagrut Upadhyay 01/11/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.787 | 152 | 94676 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.081 | 136 | 333805 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.839 | 164 | 195711 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.333 | 188 | 378485 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.986 | 240 | 223633 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.445 | 264 | 163140 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.398 | 112 | 448101 | 77.989 | ng | 0.00 |
| 7) Phenol-d6 | 6.434 | 99 | 592908 | 77.829 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.369 | 82 | 646854 | 80.426 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.639 | 330 | 184527 | 82.003 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.163 | 172 | 1163903 | 80.283 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.927 | 244 | 1311471 | 84.053 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.469 | 88 | 95709 | 38.140 | ng | 99 |
| 3) Pyridine | 3.199 | 79 | 279593 | 39.699 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.181 | 42 | 134420 | 40.611 | ng | 91 |
| 6) Aniline | 6.457 | 93 | 389429 | 38.852 | ng | 92 |
| 8) 2-Chlorophenol | 6.575 | 128 | 231256 | 40.116 | ng | 100 |
| 9) Benzaldehyde | 6.339 | 77 | 189611 | 37.406 | ng | 99 |
| 10) Phenol | 6.451 | 94 | 332519 | 39.128 | ng | 92 |
| 11) bis(2-Chloroethyl)ether | 6.534 | 93 | 254354 | 39.704 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.728 | 146 | 251806 | 39.217 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.804 | 146 | 257040 | 39.565 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 6.963 | 146 | 241998 | 39.221 | ng | 99 |
| 15) Benzyl Alcohol | 6.945 | 79 | 264545 | 39.878 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.069 | 45 | 314167 | 38.860 | ng | 88 |
| 17) 2-Methylphenol | 7.057 | 107 | 224849 | 39.414 | ng | 96 |
| 18) Hexachloroethane | 7.298 | 117 | 107742 | 40.102 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.216 | 70 | 214428 | 38.911 | ng | 99 |
| 20) 3+4-Methylphenols | 7.216 | 107 | 285507 | 38.982 | ng | 90 |
| 22) Acetophenone | 7.210 | 105 | 385122 | 39.626 | ng | 99 |
| 24) Nitrobenzene | 7.386 | 77 | 322310 | 39.364 | ng | 98 |
| 25) Isophorone | 7.628 | 82 | 602046 | 40.069 | ng | 99 |
| 26) 2-Nitrophenol | 7.698 | 139 | 132561 | 41.146 | ng | 95 |
| 27) 2,4-Dimethylphenol | 7.739 | 122 | 217885 | 40.517 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.833 | 93 | 329842 | 39.665 | ng | 98 |
| 29) 2,4-Dichlorophenol | 7.945 | 162 | 220481 | 40.028 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.022 | 180 | 253953 | 40.257 | ng | 98 |
| 31) Naphthalene | 8.104 | 128 | 707657 | 40.115 | ng | 99 |
| 32) Benzoic acid | 7.898 | 122 | 124273m | 39.861 | ng | |
| 33) 4-Chloroaniline | 8.157 | 127 | 298902 | 41.060 | ng | 98 |
| 34) Hexachlorobutadiene | 8.216 | 225 | 177638 | 40.615 | ng | 99 |
| 35) Caprolactam | 8.557 | 113 | 63369m | 39.171 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.651 | 107 | 255163 | 39.469 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.798 | 142 | 510415 | 40.286 | ng | 98 |
| 38) 1-Methylnaphthalene | 8.898 | 142 | 472886 | 40.286 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 8.963 | 216 | 285052 | 41.333 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 8.945 | 237 | 107392 | 36.053 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.080 | 196 | 171839 | 41.396 | ng | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.128 | 196 | 195028 | 40.356 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.263 | 154 | 613966 | 40.645 | ng | 98 |
| 47) 2-Chloronaphthalene | 9.292 | 162 | 474065 | 40.435 | ng | 98 |
| 48) 2-Nitroaniline | 9.392 | 65 | 175257 | 41.156 | ng | 98 |
| 49) Acenaphthylene | 9.704 | 152 | 734862 | 40.391 | ng | 100 |
| 50) Dimethylphthalate | 9.575 | 163 | 614898 | 40.307 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.639 | 165 | 130621 | 40.710 | ng | 94 |
| 52) Acenaphthene | 9.880 | 154 | 438766 | 40.176 | ng | 97 |
| 53) 3-Nitroaniline | 9.810 | 138 | 129805 | 41.699 | ng | 95 |
| 54) 2,4-Dinitrophenol | 9.922 | 184 | 66667 | 41.382 | ng | 90 |
| 55) Dibenzofuran | 10.051 | 168 | 690939 | 40.137 | ng | 99 |
| 56) 4-Nitrophenol | 9.980 | 139 | 69695 | 39.749 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.045 | 165 | 171639 | 40.011 | ng | 97 |
| 58) Fluorene | 10.392 | 166 | 549386 | 39.951 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232 | 148737 | 41.305 | ng | 92 |
| 60) Diethylphthalate | 10.269 | 149 | 611148 | 40.741 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204 | 316328 | 40.183 | ng | 98 |
| 62) 4-Nitroaniline | 10.433 | 138 | 116183 | 41.508 | ng | 97 |
| 63) Azobenzene | 10.545 | 77 | 643710 | 40.452 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198 | 101855 | 41.731 | ng | 88 |
| 66) n-Nitrosodiphenylamine | 10.510 | 169 | 478352 | 40.285 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.874 | 248 | 191714 | 40.491 | ng | 99 |
| 68) Hexachlorobenzene | 10.939 | 284 | 189572 | 39.580 | ng | 95 |
| 69) Atrazine | 11.039 | 200 | 175012 | 40.530 | ng | 99 |
| 70) Pentachlorophenol | 11.139 | 266 | 84965 | 35.811 | ng | 95 |
| 71) Phenanthrene | 11.357 | 178 | 789661 | 40.022 | ng | 99 |
| 72) Anthracene | 11.410 | 178 | 815407 | 40.144 | ng | 99 |
| 73) Carbazole | 11.569 | 167 | 670630 | 39.880 | ng | 99 |
| 74) Di-n-butylphthalate | 11.898 | 149 | 948693 | 40.517 | ng | 99 |
| 75) Fluoranthene | 12.551 | 202 | 873208 | 39.352 | ng | 100 |
| 77) Benzidine | 12.674 | 184 | 313405 | 42.183 | ng | 99 |
| 78) Pyrene | 12.780 | 202 | 868658 | 42.588 | ng | 100 |
| 80) Butylbenzylphthalate | 13.398 | 149 | 349561 | 42.459 | ng | 99 |
| 81) Benzo(a)anthracene | 13.974 | 228 | 651359 | 40.034 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.939 | 252 | 207669 | 40.897 | ng | 100 |
| 83) Chrysene | 14.015 | 228 | 607480 | 39.952 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149 | 469201 | 42.066 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.574 | 149 | 625029 | 40.950 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.915 | 276 | 429542 | 42.931 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.021 | 252 | 471620 | 42.149 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.051 | 252 | 418468 | 37.473 | ng | 99 |
| 90) Benzo(a)pyrene | 15.386 | 252 | 404651 | 40.138 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.927 | 278 | 360064 | 42.930 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.356 | 276 | 347339 | 39.360 | ng | 97 |

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

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