Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126423.D
Acq On : 30 Dec 2021 17:08
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 00:37:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel

Supervised By :mohammad ahmed
12/31/2021

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Supervised By :mohammad ahmed

12/31/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.798 | 152 | 145857 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.081 | 136 | 590974 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.839 | 164 | 271393 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.322 | 188 | 425659 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.963 | 240 | 226975 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.398 | 264 | 212035 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.404 | 112 | 820433 | 80.777 | ng | | 0.00 |
| 7) Phenol-d6 | 6.434 | 99 | 1043363 | 79.312 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.363 | 82 | 919803 | 79.916 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.627 | 330 | 173868 | 82.906 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.163 | 172 | 1105726 | 71.696 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.910 | 244 | 964258 | 82.542 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.493 | 88 | 219062 | 43.010 | ng | | 99 |
| 3) Pyridine | 3.222 | 79 | 591112 | 43.025 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.169 | 42 | 223863 | 39.632 | ng | | 99 |
| 6) Aniline | 6.463 | 93 | 670838 | 41.010 | ng | | 96 |
| 8) 2-Chlorophenol | 6.587 | 128 | 412241 | 40.699 | ng | | 93 |
| 9) Benzaldehyde | 6.345 | 77 | 299320 | 36.755 | ng | | 97 |
| 10) Phenol | 6.445 | 94 | 597310 | 40.687 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.534 | 93 | 452117 | 40.333 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.739 | 146 | 406401 | 40.151 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.816 | 146 | 410447 | 40.625 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.969 | 146 | 379668 | 38.567 | ng | | 99 |
| 15) Benzyl Alcohol | 6.939 | 79 | 376958 | 40.955 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.075 | 45 | 703807 | 39.977 | ng | | 99 |
| 17) 2-Methylphenol | 7.051 | 107 | 359594 | 40.359 | ng | | 99 |
| 18) Hexachloroethane | 7.316 | 117 | 161491 | 40.118 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.216 | 70 | 287327 | 38.276 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.204 | 107 | 403921 | 38.079 | ng | | 99 |
| 22) Acetophenone | 7.210 | 105 | 528973 | 38.718 | ng | | 97 |
| 24) Nitrobenzene | 7.381 | 77 | 459950 | 39.935 | ng | | 99 |
| 25) Isophorone | 7.622 | 82 | 814902 | 39.551 | ng | | 99 |
| 26) 2-Nitrophenol | 7.698 | 139 | 211147 | 41.355 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.734 | 122 | 327532 | 41.026 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 7.833 | 93 | 532195 | 39.540 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.939 | 162 | 294156 | 40.352 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.028 | 180 | 305702 | 40.237 | ng | | 99 |
| 31) Naphthalene | 8.104 | 128 | 1113813 | 39.930 | ng | | 99 |
| 32) Benzoic acid | 7.863 | 122 | 214646 | 38.674 | ng | | 98 |
| 33) 4-Chloroaniline | 8.151 | 127 | 478582 | 40.954 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.228 | 225 | 146265 | 39.609 | ng | | 99 |
| 35) Caprolactam | 8.516 | 113 | 75519m | 40.722 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.633 | 107 | 358351 | 40.280 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.798 | 142 | 656306 | 39.885 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.892 | 142 | 628805 | 39.525 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 8.963 | 216 | 235196 | 39.882 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 8.951 | 237 | 96997 | 40.398 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.075 | 196 | 179023 | 41.048 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.110 | 196 | 192300 | 40.963 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.263 | 154 | 775549 | 38.962 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.286 | 162 | 593097 | 39.339 | ng | | 99 |
| 48) 2-Nitroaniline | 9.380 | 65 | 244301 | 40.127 | ng | | 89 |
| 49) Acenaphthylene | 9.698 | 152 | 914023 | 39.973 | ng | | 99 |
| 50) Dimethylphthalate | 9.563 | 163 | 662558 | 39.106 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.622 | 165 | 151294 | 41.349 | ng | | 95 |
| 52) Acenaphthene | 9.875 | 154 | 588636 | 39.266 | ng | | 98 |
| 53) 3-Nitroaniline | 9.786 | 138 | 201861 | 40.237 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.898 | 184 | 69459 | 39.095 | ng | # | 84 |
| 55) Dibenzofuran | 10.045 | 168 | 796245 | 39.290 | ng | | 99 |
| 56) 4-Nitrophenol | 9.945 | 139 | 153243 | 42.951 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.022 | 165 | 201376 | 42.659 | ng | | 99 |
| 58) Fluorene | 10.386 | 166 | 553039 | 38.597 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.163 | 232 | 142259 | 42.220 | ng | | 96 |
| 60) Diethylphthalate | 10.263 | 149 | 654000 | 40.053 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.380 | 204 | 245688 | 39.291 | ng | | 93 |
| 62) 4-Nitroaniline | 10.404 | 138 | 192194 | 40.678 | ng | | 93 |
| 63) Azobenzene | 10.539 | 77 | 825381 | 39.244 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.433 | 198 | 103164 | 44.755 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 10.498 | 169 | 522510 | 39.566 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.869 | 248 | 155184 | 41.074 | ng | | 99 |
| 68) Hexachlorobenzene | 10.933 | 284 | 179671 | 40.883 | ng | | 98 |
| 69) Atrazine | 11.022 | 200 | 99770 | 43.874 | ng | | 99 |
| 70) Pentachlorophenol | 11.127 | 266 | 93481 | 43.765 | ng | | 99 |
| 71) Phenanthrene | 11.345 | 178 | 864643 | 39.732 | ng | | 100 |
| 72) Anthracene | 11.398 | 178 | 870465 | 39.976 | ng | | 100 |
| 73) Carbazole | 11.551 | 167 | 852024 | 39.959 | ng | | 100 |
| 74) Di-n-butylphthalate | 11.886 | 149 | 964594 | 39.735 | ng | | 99 |
| 75) Fluoranthene | 12.533 | 202 | 797870 | 40.171 | ng | | 99 |
| 77) Benzidine | 12.651 | 184 | 176496 | 46.579 | ng | | 100 |
| 78) Pyrene | 12.763 | 202 | 816703 | 42.578 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.380 | 149 | 358178 | 42.140 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.951 | 228 | 521461 | 39.949 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.910 | 252 | 242986 | 39.901 | ng | | 99 |
| 83) Chrysene | 13.986 | 228 | 541536 | 40.446 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149 | 368240 | 41.805 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.557 | 149 | 666972 | 43.660 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.821 | 276 | 596554 | 42.039 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 14.986 | 252 | 514323 | 40.718 | ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.009 | 252 | 476568 | 38.948 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.339 | 252 | 433007 | 40.884 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.839 | 278 | 491381 | 42.914 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.251 | 276 | 510309 | 41.853 | ng | | 98 |

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

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