Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131157.D
Acq On : 11 Nov 2022 17:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Quant Time: Nov 11 18:00:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 18:00:01 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 64026 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 231656 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 148801 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 242292 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.057 | 240 | 186742 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.545 | 264 | 125056 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.487 | 112 | 341458 | 90.696 | ng | | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 485376 | 98.612 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 474113 | 92.341 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 107725 | 70.051 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.239 | 172 | 824721 | 77.371 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.998 | 244 | 794056 | 74.554 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.634 | 88 | 74614 | 40.263 | ng | | 96 |
| 3) Pyridine | 3.405 | 79 | 219180 | 43.074 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.369 | 42 | 129186 | 44.011 | ng | | 91 |
| 6) Aniline | 6.540 | 93 | 302473 | 50.059 | ng | | 98 |
| 8) 2-Chlorophenol | 6.657 | 128 | 194192 | 44.836 | ng | | 96 |
| 9) Benzaldehyde | 6.428 | 77 | 142613 | 44.525 | ng | | 95 |
| 10) Phenol | 6.516 | 94 | 287266 | 49.926 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 184854 | 44.905 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 191589 | 39.777 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.893 | 146 | 193812 | 39.613 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 217155 | 47.915 | ng | | 97 |
| 15) Benzyl Alcohol | 7.016 | 79 | 194646 | 51.705 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 354092 | 51.300 | ng | | 99 |
| 17) 2-Methylphenol | 7.128 | 107 | 175981 | 48.580 | ng | | 97 |
| 18) Hexachloroethane | 7.387 | 117 | 89685 | 49.160 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.293 | 70 | 154649 | 47.853 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 215377 | 47.587 | ng | # | 89 |
| 22) Acetophenone | 7.287 | 105 | 277062 | 47.792 | ng | # | 87 |
| 24) Nitrobenzene | 7.463 | 77 | 239442 | 48.143 | ng | | 98 |
| 25) Isophorone | 7.698 | 82 | 326880 | 41.175 | ng | | 100 |
| 26) 2-Nitrophenol | 7.775 | 139 | 88214 | 39.973 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 139092m | 41.099 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 183478 | 40.782 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 164416 | 45.442 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 158639 | 40.659 | ng | | 99 |
| 31) Naphthalene | 8.181 | 128 | 498583 | 39.390 | ng | | 100 |
| 32) Benzoic acid | 7.940 | 122 | 85234m | 37.341 | ng | | |
| 33) 4-Chloroaniline | 8.234 | 127 | 196518 | 38.719 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 108852 | 40.830 | ng | | 99 |
| 35) Caprolactam | 8.616 | 113 | 45596m | 41.108 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 161873 | 40.429 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 318117 | 38.988 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 351185 | 43.949 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 162039 | 33.348 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 65344 | 34.466 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 106938 | 33.535 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 123339 | 34.571 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 447936 | 38.934 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 354489 | 37.970 | ng | | 98 |
| 48) 2-Nitroaniline | 9.463 | 65 | 123395 | 36.315 | ng | | 98 |
| 49) Acenaphthylene | 9.781 | 152 | 567608 | 39.788 | ng | | 99 |
| 50) Dimethylphthalate | 9.639 | 163 | 373402 | 35.278 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 81784 | 35.158 | ng | | 97 |
| 52) Acenaphthene | 9.951 | 154 | 331912 | 39.004 | ng | | 99 |
| 53) 3-Nitroaniline | 9.881 | 138 | 105408 | 39.635 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.986 | 184 | 46193 | 37.833 | ng | # | 90 |
| 55) Dibenzofuran | 10.128 | 168 | 425105 | 33.733 | ng | | 99 |
| 56) 4-Nitrophenol | 10.039 | 139 | 64802 | 36.610 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 111513 | 36.063 | ng | | 94 |
| 58) Fluorene | 10.469 | 166 | 355572 | 34.739 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 94150 | 34.319 | ng | | 96 |
| 60) Diethylphthalate | 10.339 | 149 | 381494 | 37.424 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 171291 | 35.960 | ng | | 93 |
| 62) 4-Nitroaniline | 10.498 | 138 | 90065 | 33.512 | ng | | 95 |
| 63) Azobenzene | 10.622 | 77 | 393287 | 36.860 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198 | 64277 | 41.261 | ng | | 81 |
| 66) n-Nitrosodiphenylamine | 10.581 | 169 | 313101 | 38.438 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 106014 | 38.695 | ng | | 96 |
| 68) Hexachlorobenzene | 11.016 | 284 | 116249 | 38.072 | ng | | 98 |
| 69) Atrazine | 11.110 | 200 | 101055 | 40.077 | ng | | 98 |
| 70) Pentachlorophenol | 11.216 | 266 | 57898 | 40.144 | ng | | 99 |
| 71) Phenanthrene | 11.433 | 178 | 531137 | 39.858 | ng | | 100 |
| 72) Anthracene | 11.486 | 178 | 510616 | 39.480 | ng | | 98 |
| 73) Carbazole | 11.645 | 167 | 534324 | 46.457 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.969 | 149 | 590375 | 45.511 | ng | | 99 |
| 75) Fluoranthene | 12.627 | 202 | 567189 | 42.521 | ng | | 99 |
| 77) Benzidine | 12.745 | 184 | 203598 | 36.956 | ng | | 99 |
| 78) Pyrene | 12.857 | 202 | 578437 | 36.104 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.469 | 149 | 227882 | 39.727 | ng | | 91 |
| 81) Benzo(a)anthracene | 14.045 | 228 | 524735 | 39.313 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.010 | 252 | 152471 | 40.022 | ng | | 99 |
| 83) Chrysene | 14.086 | 228 | 494047 | 39.193 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.027 | 149 | 303067 | 48.944 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 378263 | 48.172 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 17.057 | 276 | 335472 | 34.011 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.104 | 252 | 298206 | 33.728 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.139 | 252 | 279018 | 32.833 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.480 | 252 | 235160 | 33.175 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.074 | 278 | 275879 | 34.450 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.515 | 276 | 285850 | 33.912 | ng | | 99 |

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

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