Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034284.D
Acq On : 21 Mar 2022 09:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 17:53:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.943 | 152 | 190920 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.760 | 136 | 772950 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.583 | 164 | 501515 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.324 | 188 | 1037296 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.495 | 240 | 1086697 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.912 | 264 | 1048665 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.490 | 112 | 865608 | 81.336 | ng | | -0.01 |
| 7) Phenol-d6 | 7.101 | 99 | 1204591 | 79.055 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.107 | 82 | 1264742 | 79.664 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.071 | 330 | 544164 | 80.500 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.213 | 172 | 2899473 | 79.003 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.942 | 244 | 4621345 | 73.895 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.349 | 88 | 194249 | 40.342 | ng | | 99 |
| 3) Pyridine | 3.755 | 79 | 522869 | 40.129 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.666 | 42 | 245618 | 39.700 | ng | | 99 |
| 6) Aniline | 7.266 | 93 | 680914 | 39.104 | ng | | 100 |
| 8) 2-Chlorophenol | 7.507 | 128 | 494184 | 39.701 | ng | | 99 |
| 9) Benzaldehyde | 7.072 | 77 | 303263 | 36.941 | ng | | 99 |
| 10) Phenol | 7.125 | 94 | 597953 | 39.457 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.360 | 93 | 481646 | 38.721 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.831 | 146 | 552390 | 39.122 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.978 | 146 | 560559 | 38.780 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.301 | 146 | 543840 | 38.594 | ng | | 99 |
| 15) Benzyl Alcohol | 8.184 | 79 | 475760 | 39.234 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.478 | 45 | 657784 | 38.534 | ng | | 100 |
| 17) 2-Methylphenol | 8.384 | 107 | 417697 | 39.354 | ng | | 99 |
| 18) Hexachloroethane | 9.037 | 117 | 209975 | 39.385 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.754 | 70 | 419410 | 38.053 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.719 | 107 | 571913 | 38.962 | ng | | 99 |
| 22) Acetophenone | 8.766 | 105 | 772431 | 38.941 | ng | # | 97 |
| 24) Nitrobenzene | 9.148 | 77 | 588791 | 39.723 | ng | | 99 |
| 25) Isophorone | 9.678 | 82 | 1034243 | 38.930 | ng | | 98 |
| 26) 2-Nitrophenol | 9.866 | 139 | 265808 | 40.438 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.925 | 122 | 409507 | 39.786 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.160 | 93 | 669973 | 39.390 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.401 | 162 | 482220 | 40.323 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.619 | 180 | 532177 | 39.149 | ng | | 99 |
| 31) Naphthalene | 10.807 | 128 | 1570917 | 39.011 | ng | | 99 |
| 32) Benzoic acid | 10.066 | 122 | 320336 | 37.636 | ng | | 99 |
| 33) 4-Chloroaniline | 10.913 | 127 | 638365 | 40.187 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.101 | 225 | 338074 | 39.265 | ng | | 99 |
| 35) Caprolactam | 11.695 | 113 | 163683 | 39.374 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.036 | 107 | 546345 | 39.866 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.419 | 142 | 1130116 | 39.330 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.636 | 142 | 1104511 | 39.295 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.789 | 216 | 586986 | 38.784 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.772 | 237 | 346970 | 39.594 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.019 | 196 | 413315 | 39.556 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.089 | 196 | 446441 | 39.806 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.425 | 154 | 1497511 | 39.161 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.466 | 162 | 1142876 | 38.937 | ng | 98 |
| 48) 2-Nitroaniline | 13.660 | 65 | 366784 | 40.874 | ng | 99 |
| 49) Acenaphthylene | 14.307 | 152 | 1824612 | 39.883 | ng | 100 |
| 50) Dimethylphthalate | 14.042 | 163 | 1487134 | 38.960 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.154 | 165 | 318020 | 40.620 | ng | 99 |
| 52) Acenaphthene | 14.648 | 154 | 1221872m | 39.651 | ng | |
| 53) 3-Nitroaniline | 14.483 | 138 | 325647 | 41.458 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.683 | 184 | 183218 | 41.769 | ng | 97 |
| 55) Dibenzofuran | 14.983 | 168 | 1804435 | 39.293 | ng | 98 |
| 56) 4-Nitrophenol | 14.783 | 139 | 262101 | 41.160 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.942 | 165 | 435895 | 41.189 | ng | 94 |
| 58) Fluorene | 15.630 | 166 | 1487421 | 39.897 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.207 | 232 | 397328 | 39.287 | ng | 99 |
| 60) Diethylphthalate | 15.401 | 149 | 1561170 | 39.866 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.624 | 204 | 749138 | 39.358 | ng | 100 |
| 62) 4-Nitroaniline | 15.642 | 138 | 326071 | 43.153 | ng | 97 |
| 63) Azobenzene | 15.919 | 77 | 1538783 | 40.749 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.701 | 198 | 277675 | 41.168 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.836 | 169 | 1279607 | 38.829 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.518 | 248 | 464684 | 38.969 | ng | 97 |
| 68) Hexachlorobenzene | 16.636 | 284 | 517089 | 38.878 | ng | 99 |
| 69) Atrazine | 16.783 | 200 | 451463 | 41.562 | ng | 100 |
| 70) Pentachlorophenol | 16.977 | 266 | 340417 | 40.023 | ng | 98 |
| 71) Phenanthrene | 17.365 | 178 | 2321469 | 39.963 | ng | 100 |
| 72) Anthracene | 17.460 | 178 | 2281431 | 40.350 | ng | 100 |
| 73) Carbazole | 17.724 | 167 | 2171332 | 41.177 | ng | 99 |
| 74) Di-n-butylphthalate | 18.295 | 149 | 2729383 | 41.636 | ng | 99 |
| 75) Fluoranthene | 19.377 | 202 | 2700034 | 41.462 | ng | 98 |
| 77) Benzidine | 19.559 | 184 | 703174m | 44.156 | ng | |
| 78) Pyrene | 19.742 | 202 | 2824835 | 36.895 | ng | 100 |
| 80) Butylbenzylphthalate | 20.636 | 149 | 1289650 | 39.829 | ng | 98 |
| 81) Benzo(a)anthracene | 21.483 | 228 | 2696605 | 39.316 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.412 | 252 | 921043 | 40.205 | ng | 100 |
| 83) Chrysene | 21.536 | 228 | 2697949 | 38.519 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.412 | 149 | 1924393 | 40.247 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.336 | 149 | 3191473 | 42.049 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.435 | 276 | 2543831 | 37.709 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.177 | 252 | 2494045 | 39.772 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.224 | 252 | 2685581 | 40.429 | ng | 100 |
| 90) Benzo(a)pyrene | 23.806 | 252 | 2098549 | 39.476 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.447 | 278 | 2092926 | 38.263 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.206 | 276 | 2079906 | 36.737 | ng | 99 |

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

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