Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009572.D
Acq On : 28 Mar 2022 18:56
Operator : CG/JU
Sample : N2140-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MHCMSD

Quant Time: Mar 29 03:12:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.764 | 152 | 282804 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.557 | 136 | 1049025 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.410 | 164 | 608026 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 1174670 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.292 | 240 | 1104990 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.686 | 264 | 1292977 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.370 | 112 | 1770904 | 109.329 | ng | 0.00 |
| 7) Phenol-d6 | 6.958 | 99 | 2197329 | 100.310 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.922 | 82 | 1353729 | 68.576 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.910 | 330 | 841204 | 83.840 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.034 | 172 | 3052686 | 69.601 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.757 | 244 | 4304646 | 69.923 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 310889 | 48.457 | ng | 97 |
| 3) Pyridine | 3.699 | 79 | 854952 | 49.478 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.605 | 42 | 347662 | 54.632 | ng | 94 |
| 6) Aniline | 7.099 | 93 | 494492 | 19.807 | ng | 99 |
| 8) 2-Chlorophenol | 7.340 | 128 | 896168 | 48.519 | ng | 97 |
| 9) Benzaldehyde | 6.911 | 77 | 438325 | 42.239 | ng | 98 |
| 10) Phenol | 6.981 | 94 | 1098901 | 50.004 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.193 | 93 | 849520 | 48.844 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.658 | 146 | 1004294 | 48.175 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.799 | 146 | 1025001 | 48.090 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.116 | 146 | 975734 | 47.363 | ng | 99 |
| 15) Benzyl Alcohol | 8.016 | 79 | 736786 | 42.186 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.299 | 45 | 961832 | 51.017 | ng | 97 |
| 17) 2-Methylphenol | 8.222 | 107 | 698701 | 46.137 | ng | 98 |
| 18) Hexachloroethane | 8.840 | 117 | 361461 | 48.390 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.575 | 70 | 622314 | 44.915 | ng | 99 |
| 20) 3+4-Methylphenols | 8.552 | 107 | 944575 | 45.361 | ng | 97 |
| 22) Acetophenone | 8.587 | 105 | 1251319 | 48.194 | ng | 99 |
| 24) Nitrobenzene | 8.963 | 77 | 934573 | 50.116 | ng | 97 |
| 25) Isophorone | 9.493 | 82 | 1685226 | 50.048 | ng | 98 |
| 26) 2-Nitrophenol | 9.675 | 139 | 463419 | 47.676 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.752 | 122 | 722453 | 52.673 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.975 | 93 | 1046730 | 47.742 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.222 | 162 | 800052 | 47.820 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.428 | 180 | 898896 | 46.374 | ng | 98 |
| 31) Naphthalene | 10.610 | 128 | 2586770 | 47.872 | ng | 100 |
| 32) Benzoic acid | 9.928 | 122 | 485154 | 45.242 | ng | 93 |
| 33) 4-Chloroaniline | 10.734 | 127 | 159212 | 7.221 | ng | 98 |
| 34) Hexachlorobutadiene | 10.899 | 225 | 579234 | 44.103 | ng | 99 |
| 35) Caprolactam | 11.522 | 113 | 227330 | 40.262 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.875 | 107 | 780307 | 43.404 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.228 | 142 | 1755817 | 46.312 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.446 | 142 | 1676371 | 45.389 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.599 | 216 | 984895 | 48.821 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.581 | 237 | 832708 | 93.475 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.846 | 196 | 625862 | 46.806 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.928 | 196 | 673364 | 46.373 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.240 | 154 | 2238839 | 49.358 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.281 | 162 | 1748527 | 48.962 | ng | | 99 |
| 48) 2-Nitroaniline | 13.493 | 65 | 456787 | 46.964 | ng | | 99 |
| 49) Acenaphthylene | 14.134 | 152 | 2810349 | 50.978 | ng | | 100 |
| 50) Dimethylphthalate | 13.875 | 163 | 2052467 | 44.549 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.993 | 165 | 452416 | 46.868 | ng | | 100 |
| 52) Acenaphthene | 14.475 | 154 | 1585890 | 48.157 | ng | | 99 |
| 53) 3-Nitroaniline | 14.328 | 138 | 209273 | 20.525 | ng | # | 96 |
| 54) 2,4-Dinitrophenol | 14.540 | 184 | 496018 | 82.541 | ng | | 98 |
| 55) Dibenzofuran | 14.816 | 168 | 2524560 | 45.632 | ng | | 100 |
| 56) 4-Nitrophenol | 14.657 | 139 | 707026 | 93.028 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.787 | 165 | 600510 | 45.243 | ng | | 98 |
| 58) Fluorene | 15.469 | 166 | 1982526 | 45.563 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 546620 | 41.524 | ng | | 96 |
| 60) Diethylphthalate | 15.246 | 149 | 1987127 | 43.095 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.463 | 204 | 1047206 | 43.690 | ng | | 96 |
| 62) 4-Nitroaniline | 15.498 | 138 | 420150 | 39.238 | ng | | 98 |
| 63) Azobenzene | 15.757 | 77 | 1880824 | 46.890 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 198 | 330278 | 43.726 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.681 | 169 | 1724214 | 49.601 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.363 | 248 | 658830 | 45.835 | ng | | 95 |
| 68) Hexachlorobenzene | 16.481 | 284 | 745735 | 45.078 | ng | | 98 |
| 69) Atrazine | 16.645 | 200 | 615708 | 50.378 | ng | | 99 |
| 70) Pentachlorophenol | 16.834 | 266 | 839765 | 94.962 | ng | | 99 |
| 71) Phenanthrene | 17.222 | 178 | 3019678 | 48.023 | ng | | 100 |
| 72) Anthracene | 17.310 | 178 | 3050895 | 49.142 | ng | | 100 |
| 73) Carbazole | 17.587 | 167 | 2755164 | 45.378 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.151 | 149 | 3305791 | 46.463 | ng | | 99 |
| 75) Fluoranthene | 19.204 | 202 | 3503263 | 46.019 | ng | | 98 |
| 77) Benzidine | 19.386 | 184 | 1066571 | 39.379 | ng | | 99 |
| 78) Pyrene | 19.557 | 202 | 3590171 | 49.306 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.439 | 149 | 1419855 | 45.878 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.280 | 228 | 3504343 | 48.271 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.210 | 252 | 754585 | 26.906 | ng | | 99 |
| 83) Chrysene | 21.333 | 228 | 3251555 | 47.300 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.216 | 149 | 2075238 | 48.107 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.133 | 149 | 3540804 | 47.620 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.186 | 276 | 4973939 | 50.705 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 22.957 | 252 | 3789552 | 49.096 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.004 | 252 | 3746346 | 49.572 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.580 | 252 | 3811617 | 57.717 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.198 | 278 | 4332549 | 52.994 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 26.939 | 276 | 4356825 | 54.171 | ng | | 97 |

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

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