Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008841.D
Acq On : 18 Jan 2022 16:04
Operator : CG/JU
Sample : N1154-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20220028-KEANSBURG-2-COMPMS

Quant Time: Jan 19 03:36:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.851 | 152 | 230860 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.651 | 136 | 864463 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.492 | 164 | 539417 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.245 | 188 | 1154470 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.339 | 240 | 1222223 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.756 | 264 | 1345896 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 1832243 | 122.733 | ng | | 0.00 |
| 7) Phenol-d6 | 7.028 | 99 | 2242734 | 124.060 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.010 | 82 | 1301440 | 85.472 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.986 | 330 | 993079 | 126.478 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.116 | 172 | 2826179 | 69.093 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.810 | 244 | 3839597 | 53.026 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 234492 | 38.807 | ng | | 96 |
| 3) Pyridine | 3.740 | 79 | 677441 | 53.529 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.652 | 42 | 277162 | 46.679 | ng | | 83 |
| 6) Aniline | 7.175 | 93 | 568965 | 25.216 | ng | | 97 |
| 8) 2-Chlorophenol | 7.416 | 128 | 719965 | 45.282 | ng | | 98 |
| 9) Benzaldehyde | 6.987 | 77 | 380374 | 31.482 | ng | | 97 |
| 10) Phenol | 7.057 | 94 | 893993 | 48.507 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.275 | 93 | 634794 | 43.290 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.740 | 146 | 799920 | 42.247 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.887 | 146 | 821420 | 42.805 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.204 | 146 | 781567 | 42.714 | ng | | 99 |
| 15) Benzyl Alcohol | 8.093 | 79 | 585015 | 46.128 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.381 | 45 | 698688 | 42.607 | ng | | 99 |
| 17) 2-Methylphenol | 8.304 | 107 | 567133 | 45.932 | ng | | 96 |
| 18) Hexachloroethane | 8.928 | 117 | 277036 | 42.535 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.663 | 70 | 465396 | 44.040 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.634 | 107 | 756478 | 46.152 | ng | | 96 |
| 22) Acetophenone | 8.675 | 105 | 1008127 | 45.779 | ng | # | 96 |
| 24) Nitrobenzene | 9.051 | 77 | 707242 | 45.983 | ng | | 96 |
| 25) Isophorone | 9.581 | 82 | 1240857 | 45.094 | ng | | 98 |
| 26) 2-Nitrophenol | 9.763 | 139 | 375206 | 46.403 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.834 | 122 | 638107 | 46.285 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.063 | 93 | 783291 | 43.622 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 690943 | 45.927 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.516 | 180 | 759930 | 43.122 | ng | | 100 |
| 31) Naphthalene | 10.704 | 128 | 2075656 | 44.208 | ng | | 100 |
| 32) Benzoic acid | 10.004 | 122 | 436129 | 55.123 | ng | | 98 |
| 33) 4-Chloroaniline | 10.816 | 127 | 318654 | 16.654 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.992 | 225 | 462124 | 41.972 | ng | | 98 |
| 35) Caprolactam | 11.604 | 113 | 208725 | 50.328 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 11.951 | 107 | 650514 | 47.929 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.316 | 142 | 1522153 | 44.347 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.534 | 142 | 1404204 | 44.571 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.686 | 216 | 865737 | 44.018 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.669 | 237 | 689550 | 68.518 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.928 | 196 | 563329 | 46.325 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.004 | 196 | 609581 | 46.576 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.322 | 154 | 1976024 | 45.026 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.363 | 162 | 1511826 | 44.676 | ng | | 99 |
| 48) 2-Nitroaniline | 13.569 | 65 | 387850 | 51.619 | ng | | 95 |
| 49) Acenaphthylene | 14.210 | 152 | 2367261 | 46.302 | ng | | 100 |
| 50) Dimethylphthalate | 13.951 | 163 | 1841235 | 45.960 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.069 | 165 | 411223 | 48.399 | ng | | 93 |
| 52) Acenaphthene | 14.557 | 154 | 1400565 | 46.188 | ng | | 99 |
| 53) 3-Nitroaniline | 14.398 | 138 | 199792 | 23.910 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.610 | 184 | 448071 | 130.396 | ng | | 94 |
| 55) Dibenzofuran | 14.892 | 168 | 2270546 | 45.952 | ng | | 98 |
| 56) 4-Nitrophenol | 14.722 | 139 | 727783 | 120.951 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.857 | 165 | 566764 | 51.860 | ng | # | 90 |
| 58) Fluorene | 15.539 | 166 | 1856625 | 47.573 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 525167 | 48.712 | ng | # | 85 |
| 60) Diethylphthalate | 15.316 | 149 | 1776734 | 46.741 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.533 | 204 | 965162 | 45.398 | ng | | 98 |
| 62) 4-Nitroaniline | 15.563 | 138 | 412805 | 51.009 | ng | | 88 |
| 63) Azobenzene | 15.827 | 77 | 1535895 | 48.668 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.627 | 198 | 295973 | 51.314 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.751 | 169 | 1626345 | 43.771 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.433 | 248 | 603690 | 41.877 | ng | | 97 |
| 68) Hexachlorobenzene | 16.557 | 284 | 688802 | 41.697 | ng | | 98 |
| 69) Atrazine | 16.710 | 200 | 606748 | 43.943 | ng | | 99 |
| 70) Pentachlorophenol | 16.904 | 266 | 905893 | 102.952 | ng | | 100 |
| 71) Phenanthrene | 17.286 | 178 | 2946722 | 45.334 | ng | | 99 |
| 72) Anthracene | 17.380 | 178 | 3027862 | 46.435 | ng | | 99 |
| 73) Carbazole | 17.651 | 167 | 2770794 | 49.419 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.204 | 149 | 3120405 | 46.246 | ng | | 99 |
| 75) Fluoranthene | 19.257 | 202 | 3593230 | 49.710 | ng | | 97 |
| 77) Benzidine | 19.433 | 184 | 1734373 | 40.168 | ng | | 98 |
| 78) Pyrene | 19.610 | 202 | 3741284 | 43.870 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.486 | 149 | 1469602 | 42.847 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.321 | 228 | 3753370 | 45.647 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.257 | 252 | 1216839 | 34.255 | ng | | 99 |
| 83) Chrysene | 21.374 | 228 | 3601238 | 45.180 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.251 | 149 | 2114202 | 39.804 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.180 | 149 | 3624008 | 40.333 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.292 | 276 | 5035928 | 45.408 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.021 | 252 | 4111430 | 45.742 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.068 | 252 | 3922550 | 45.084 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.651 | 252 | 3972536 | 45.789 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.303 | 278 | 4247854 | 45.044 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.062 | 276 | 4125624 | 44.807 | ng | | 99 |

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

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