Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029570.D
Acq On : 21 Apr 2021 15:03
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM042121

Quant Time: Apr 21 15:54:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:14:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.645 | 152 | 71822 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.428 | 136 | 287683 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.292 | 164 | 215631 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.033 | 188 | 478916 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.221 | 240 | 564409 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.415 | 264 | 585166 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.246 | 112 | 290896 | 81.20 | ng | | 0.00 |
| 7) Phenol-d6 | 6.828 | 99 | 444796 | 83.13 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.804 | 82 | 469188 | 84.00 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.786 | 330 | 252951 | 84.82 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.910 | 172 | 1314735 | 82.75 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.668 | 244 | 2388460 | 80.23 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.175 | 88 | 56635 | 39.21 | ng | | 99 |
| 3) Pyridine | 3.581 | 79 | 155866 | 42.34 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.493 | 42 | 70262 | 38.90 | ng | | 98 |
| 6) Aniline | 6.981 | 93 | 246731 | 41.94 | ng | | 99 |
| 8) 2-Chlorophenol | 7.216 | 128 | 181198 | 40.68 | ng | | 99 |
| 9) Benzaldehyde | 6.798 | 77 | 118857 | 39.07 | ng | | 98 |
| 10) Phenol | 6.851 | 94 | 213994 | 41.27 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.081 | 93 | 163203 | 41.26 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.539 | 146 | 206783 | 40.28 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.681 | 146 | 210348 | 40.02 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.998 | 146 | 210258 | 40.13 | ng | | 96 |
| 15) Benzyl Alcohol | 7.892 | 79 | 165025 | 42.45 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.181 | 45 | 207240 | 39.74 | ng | | 99 |
| 17) 2-Methylphenol | 8.092 | 107 | 151282 | 41.87 | ng | | 98 |
| 18) Hexachloroethane | 8.716 | 117 | 76868 | 40.50 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.457 | 70 | 163191 | 41.82 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.422 | 107 | 210048 | 42.26 | ng | | 98 |
| 22) Acetophenone | 8.469 | 105 | 290077 | 42.06 | ng | # | 98 |
| 24) Nitrobenzene | 8.845 | 77 | 235089 | 41.62 | ng | | 98 |
| 25) Isophorone | 9.369 | 82 | 438969 | 41.82 | ng | | 100 |
| 26) 2-Nitrophenol | 9.551 | 139 | 107759 | 40.23 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.616 | 122 | 159754 | 42.37 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.851 | 93 | 216251 | 41.70 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.080 | 162 | 211982 | 42.62 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.292 | 180 | 235350 | 41.09 | ng | | 99 |
| 31) Naphthalene | 10.480 | 128 | 599376 | 40.52 | ng | | 99 |
| 32) Benzoic acid | 9.769 | 122 | 132652 | 41.35 | ng | | 99 |
| 33) 4-Chloroaniline | 10.592 | 127 | 250777 | 42.99 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.763 | 225 | 150246 | 41.20 | ng | | 95 |
| 35) Caprolactam | 11.386 | 113 | 64614 | 42.90 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.722 | 107 | 207304 | 42.65 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.098 | 142 | 483856 | 40.86 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.322 | 142 | 461365 | 40.86 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.469 | 216 | 272089 | 42.08 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.451 | 237 | 149672 | 41.48 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.716 | 196 | 193482 | 43.52 | ng | | 100 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.786 | 196 | 210664 | 42.92 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.121 | 154 | 654337 | 41.51 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.163 | 162 | 525908 | 41.69 | ng | 99 |
| 48) 2-Nitroaniline | 13.369 | 65 | 142185 | 40.79 | ng | 95 |
| 49) Acenaphthylene | 14.010 | 152 | 812814 | 42.03 | ng | 99 |
| 50) Dimethylphthalate | 13.757 | 163 | 684843 | 42.02 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.874 | 165 | 154270 | 43.00 | ng | 96 |
| 52) Acenaphthene | 14.357 | 154 | 502510 | 41.48 | ng | 99 |
| 53) 3-Nitroaniline | 14.204 | 138 | 135822 | 41.23 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.410 | 184 | 89330 | 41.30 | ng | 90 |
| 55) Dibenzofuran | 14.692 | 168 | 848806 | 41.49 | ng | 97 |
| 56) 4-Nitrophenol | 14.515 | 139 | 115438 | 43.50 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.663 | 165 | 214347 | 44.24 | ng | 98 |
| 58) Fluorene | 15.345 | 166 | 719961 | 41.92 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.921 | 232 | 190554 | 43.64 | ng | 98 |
| 60) Diethylphthalate | 15.127 | 149 | 672324 | 42.03 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.339 | 204 | 360510 | 41.48 | ng | 97 |
| 62) 4-Nitroaniline | 15.368 | 138 | 139834 | 39.75 | ng | 98 |
| 63) Azobenzene | 15.633 | 77 | 643497 | 42.37 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.427 | 198 | 134029 | 42.10 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.557 | 169 | 612609 | 41.38 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.233 | 248 | 210453 | 42.08 | ng | 98 |
| 68) Hexachlorobenzene | 16.345 | 284 | 233617 | 41.09 | ng | 99 |
| 69) Atrazine | 16.509 | 200 | 228885 | 43.33 | ng | 98 |
| 70) Pentachlorophenol | 16.686 | 266 | 156261 | 42.21 | ng | 96 |
| 71) Phenanthrene | 17.080 | 178 | 1129160 | 40.95 | ng | 99 |
| 72) Anthracene | 17.168 | 178 | 1131163 | 41.58 | ng | 100 |
| 73) Carbazole | 17.439 | 167 | 1068002 | 41.90 | ng | 99 |
| 74) Di-n-butylphthalate | 18.009 | 149 | 1175322 | 42.47 | ng | 100 |
| 75) Fluoranthene | 19.092 | 202 | 1388100 | 41.51 | ng | 100 |
| 77) Benzidine | 19.286 | 184 | 532935 | 44.60 | ng | 100 |
| 78) Pyrene | 19.456 | 202 | 1464395 | 40.33 | ng | 100 |
| 80) Butylbenzylphthalate | 20.368 | 149 | 568189 | 41.80 | ng | 95 |
| 81) Benzo(a)anthracene | 21.203 | 228 | 1494136 | 40.01 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.144 | 252 | 486887 | 40.82 | ng | 98 |
| 83) Chrysene | 21.256 | 228 | 1460096 | 39.79 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.144 | 149 | 907575 | 41.66 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.009 | 149 | 1514496 | 41.43 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.627 | 276 | 1867201 | 41.27 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.762 | 252 | 1554218 | 40.73 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.803 | 252 | 1550555 | 40.54 | ng | 99 |
| 90) Benzo(a)pyrene | 23.321 | 252 | 1447294 | 40.40 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.638 | 278 | 1614674 | 41.39 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.303 | 276 | 1491836 | 41.35 | ng | 99 |

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

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