Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
Data File : BM028244.D
Acq On : 23 Dec 2020 09:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
12/24/2020 10:43:30 AM

Quant Time: Dec 23 13:05:50 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 23 12:17:02 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.198 | 152 | 159369 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.028 | 136 | 649793 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.827 | 164 | 385416 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.545 | 188 | 787242 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.662 | 240 | 629678 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 24.021 | 264 | 531127 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.693 | 112 | 694845 | 71.85 | ng | | 0.00 |
| 7) Phenol-d6 | 7.340 | 99 | 986985 | 71.47 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.375 | 82 | 927633 | 70.84 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.304 | 330 | 377288 | 73.74 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.457 | 172 | 2110548 | 71.19 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.121 | 244 | 2818039 | 81.21 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.446 | 88 | 135813 | 34.34 | ng | # | 70 |
| 3) Pyridine | 3.887 | 79 | 392125 | 34.57 | ng | # | 52 |
| 4) n-Nitrosodimethylamine | 3.787 | 42 | 199835 | 32.98 | ng | # | 62 |
| 6) Aniline | 7.510 | 93 | 541614 | 34.92 | ng | | 98 |
| 8) 2-Chlorophenol | 7.751 | 128 | 399994 | 35.95 | ng | | 97 |
| 9) Benzaldehyde | 7.316 | 77 | 253106 | 32.80 | ng | | 82 |
| 10) Phenol | 7.369 | 94 | 462709 | 35.27 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 7.604 | 93 | 382272 | 34.89 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 8.081 | 146 | 469193 | 35.88 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 8.234 | 146 | 474533 | 35.83 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.557 | 146 | 458786 | 35.94 | ng | | 98 |
| 15) Benzyl Alcohol | 8.439 | 79 | 340323 | 34.77 | ng | # | 85 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.734 | 45 | 665028 | 33.60 | ng | | 70 |
| 17) 2-Methylphenol | 8.634 | 107 | 330177 | 35.98 | ng | # | 88 |
| 18) Hexachloroethane | 9.292 | 117 | 177487 | 35.99 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 9.016 | 70 | 303108 | 34.81 | ng | # | 68 |
| 20) 3+4-Methylphenols | 8.969 | 107 | 442245 | 35.68 | ng | | 90 |
| 22) Acetophenone | 9.034 | 105 | 580774 | 34.79 | ng | # | 89 |
| 24) Nitrobenzene | 9.416 | 77 | 449223 | 35.17 | ng | # | 88 |
| 25) Isophorone | 9.945 | 82 | 766231 | 35.53 | ng | | 96 |
| 26) 2-Nitrophenol | 10.133 | 139 | 213890 | 38.21 | ng | # | 80 |
| 27) 2,4-Dimethylphenol | 10.180 | 122 | 315142 | 35.50 | ng | | 88 |
| 28) bis(2-Chloroethoxy)met... | 10.422 | 93 | 532301 | 34.38 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.663 | 162 | 373476 | 36.17 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.886 | 180 | 425676 | 35.19 | ng | | 98 |
| 31) Naphthalene | 11.075 | 128 | 1295301 | 35.39 | ng | | 99 |
| 32) Benzoic acid | 10.328 | 122 | 270914 | 38.10 | ng | # | 82 |
| 33) 4-Chloroaniline | 11.180 | 127 | 545239 | 34.89 | ng | # | 91 |
| 34) Hexachlorobutadiene | 11.351 | 225 | 254867 | 35.50 | ng | | 98 |
| 35) Caprolactam | 11.974 | 113 | 121279 | 36.15 | ng | # | 55 |
| 36) 4-Chloro-3-methylphenol | 12.286 | 107 | 391378 | 35.42 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.669 | 142 | 907674 | 35.04 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.886 | 142 | 860741 | 34.91 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 13.033 | 216 | 437359 | 35.78 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.010 | 237 | 219960 | 34.88 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.269 | 196 | 300747 | 36.64 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.339 | 196 | 310591 | 36.08 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.669 | 154 | 1135751 | 35.29 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.716 | 162 | 922809 | 35.40 | ng | | 99 |
| 48) 2-Nitroaniline | 13.910 | 65 | 290944 | 36.74 | ng | | 88 |
| 49) Acenaphthylene | 14.551 | 152 | 1401248 | 35.88 | ng | | 100 |
| 50) Dimethylphthalate | 14.274 | 163 | 1105775 | 34.57 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.398 | 165 | 239221 | 35.77 | ng | | 90 |
| 52) Acenaphthene | 14.892 | 154 | 933019m | 35.05 | ng | | |
| 53) 3-Nitroaniline | 14.727 | 138 | 272773 | 36.06 | ng | | 87 |
| 54) 2,4-Dinitrophenol | 14.927 | 184 | 132250 | 34.60 | ng | | 91 |
| 55) Dibenzofuran | 15.221 | 168 | 1327828 | 35.03 | ng | | 97 |
| 56) 4-Nitrophenol | 15.015 | 139 | 210838 | 35.25 | ng | # | 73 |
| 57) 2,4-Dinitrotoluene | 15.180 | 165 | 322272 | 36.39 | ng | | 91 |
| 58) Fluorene | 15.862 | 166 | 1088020 | 35.03 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.439 | 232 | 282389 | 35.74 | ng | | 94 |
| 60) Diethylphthalate | 15.627 | 149 | 1146448 | 34.82 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.851 | 204 | 539581 | 34.78 | ng | | 96 |
| 62) 4-Nitroaniline | 15.880 | 138 | 293088 | 35.73 | ng | # | 78 |
| 63) Azobenzene | 16.139 | 77 | 1068005 | 35.18 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 15.939 | 198 | 166888 | 35.90 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 16.062 | 169 | 938050 | 35.87 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.739 | 248 | 336341 | 35.73 | ng | | 97 |
| 68) Hexachlorobenzene | 16.857 | 284 | 384554 | 35.70 | ng | | 96 |
| 69) Atrazine | 16.998 | 200 | 308027 | 36.40 | ng | | 99 |
| 70) Pentachlorophenol | 17.192 | 266 | 225832 | 37.49 | ng | | 98 |
| 71) Phenanthrene | 17.592 | 178 | 1671060 | 34.95 | ng | | 100 |
| 72) Anthracene | 17.680 | 178 | 1638920 | 35.46 | ng | | 99 |
| 73) Carbazole | 17.945 | 167 | 1516913 | 34.79 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.480 | 149 | 2000828 | 36.71 | ng | | 98 |
| 75) Fluoranthene | 19.574 | 202 | 1807269 | 33.76 | ng | | 96 |
| 77) Benzidine | 19.745 | 184 | 693223 | 43.64 | ng | | 99 |
| 78) Pyrene | 19.933 | 202 | 1824060 | 40.01 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.792 | 149 | 848712 | 42.75 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.644 | 228 | 1520985 | 35.46 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.568 | 252 | 510957 | 36.93 | ng | # | 99 |
| 83) Chrysene | 21.697 | 228 | 1439432 | 34.66 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.550 | 149 | 1212413 | 42.67 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.462 | 149 | 1874348 | 40.70 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 26.456 | 276 | 1308276 | 37.05 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 23.309 | 252 | 1320428 | 36.49 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.356 | 252 | 1230099 | 34.98 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.921 | 252 | 1149228 | 35.39 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 26.462 | 278 | 1083013 | 36.76 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 27.203 | 276 | 1059396 | 37.64 | ng | # | 91 |

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

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