Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028583.D
Acq On : 28 Jan 2021 12:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jan 28 13:16:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 13:20:04 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 32432 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.780 | 136 | 121213 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.615 | 164 | 63890 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.345 | 188 | 122300 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.486 | 240 | 110351 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.750 | 264 | 112524 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 151679 | 73.88 | ng | | -0.02 |
| 7) Phenol-d6 | 7.163 | 99 | 198672 | 71.07 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.145 | 82 | 175299 | 68.59 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.104 | 330 | 60574 | 71.56 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.239 | 172 | 373639 | 73.37 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.945 | 244 | 451607 | 73.90 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 29186 | 35.43 | ng | # | 70 |
| 3) Pyridine | 3.722 | 79 | 80971 | 35.51 | ng | # | 56 |
| 4) n-Nitrosodimethylamine | 3.628 | 42 | 40335 | 30.76 | ng | # | 61 |
| 6) Aniline | 7.292 | 93 | 107330 | 35.43 | ng | | 97 |
| 8) 2-Chlorophenol | 7.539 | 128 | 82932 | 36.33 | ng | | 95 |
| 9) Benzaldehyde | 7.098 | 77 | 48705 | 33.48 | ng | | 84 |
| 10) Phenol | 7.187 | 94 | 92923 | 35.27 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 7.392 | 93 | 75482 | 35.53 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.851 | 146 | 98640 | 36.62 | ng | # | 91 |
| 13) 1,4-Dichlorobenzene | 8.004 | 146 | 99762 | 36.62 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.322 | 146 | 94995 | 36.35 | ng | | 99 |
| 15) Benzyl Alcohol | 8.222 | 79 | 65792 | 33.78 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.504 | 45 | 121598 | 31.71 | ng | | 72 |
| 17) 2-Methylphenol | 8.439 | 107 | 63874 | 35.01 | ng | # | 88 |
| 18) Hexachloroethane | 9.051 | 117 | 37107 | 36.19 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.786 | 70 | 55409 | 33.29 | ng | # | 69 |
| 20) 3+4-Methylphenols | 8.775 | 107 | 85951 | 35.13 | ng | | 89 |
| 22) Acetophenone | 8.804 | 105 | 111008 | 35.32 | ng | # | 89 |
| 24) Nitrobenzene | 9.186 | 77 | 84393 | 34.21 | ng | # | 86 |
| 25) Isophorone | 9.710 | 82 | 137290 | 35.06 | ng | | 96 |
| 26) 2-Nitrophenol | 9.898 | 139 | 42852 | 38.38 | ng | # | 81 |
| 27) 2,4-Dimethylphenol | 9.969 | 122 | 58430 | 35.99 | ng | | 88 |
| 28) bis(2-Chloroethoxy)met... | 10.192 | 93 | 96579 | 34.94 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.451 | 162 | 70104 | 36.19 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.645 | 180 | 82337 | 35.78 | ng | | 99 |
| 31) Naphthalene | 10.833 | 128 | 242822 | 35.45 | ng | | 99 |
| 32) Benzoic acid | 10.133 | 122 | 49841 | 34.11 | ng | # | 83 |
| 33) 4-Chloroaniline | 10.945 | 127 | 98371 | 34.57 | ng | | 92 |
| 34) Hexachlorobutadiene | 11.104 | 225 | 49371 | 35.96 | ng | | 99 |
| 35) Caprolactam | 11.745 | 113 | 20518 | 32.73 | ng | # | 63 |
| 36) 4-Chloro-3-methylphenol | 12.098 | 107 | 68299 | 33.91 | ng | | 91 |
| 37) 2-Methylnaphthalene | 12.439 | 142 | 164244 | 34.79 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.663 | 142 | 154550 | 34.50 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 78298 | 37.16 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.780 | 237 | 33526 | 34.06 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 13.057 | 196 | 53091 | 37.56 | ng | | 99 |

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.151 | 196 | 54001 | 36.92 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.451 | 154 | 198817 | 36.46 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.498 | 162 | 160893 | 36.11 | ng | | 98 |
| 48) 2-Nitroaniline | 13.704 | 65 | 48498 | 34.71 | ng | | 88 |
| 49) Acenaphthylene | 14.339 | 152 | 238507 | 36.07 | ng | | 99 |
| 50) Dimethylphthalate | 14.074 | 163 | 183238 | 34.89 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.198 | 165 | 39869 | 35.68 | ng | | 87 |
| 52) Acenaphthene | 14.680 | 154 | 145783 | 35.51 | ng | | 98 |
| 53) 3-Nitroaniline | 14.527 | 138 | 45075 | 35.78 | ng | | 88 |
| 54) 2,4-Dinitrophenol | 14.739 | 184 | 21095 | 31.70 | ng | | 91 |
| 55) Dibenzofuran | 15.010 | 168 | 220551 | 34.93 | ng | | 99 |
| 56) 4-Nitrophenol | 14.886 | 139 | 33769 | 34.05 | ng | # | 73 |
| 57) 2,4-Dinitrotoluene | 14.986 | 165 | 54178 | 36.40 | ng | | 87 |
| 58) Fluorene | 15.657 | 166 | 178010 | 34.41 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.245 | 232 | 46204 | 35.73 | ng | | 95 |
| 60) Diethylphthalate | 15.427 | 149 | 182694 | 34.26 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 88569 | 34.76 | ng | | 95 |
| 62) 4-Nitroaniline | 15.686 | 138 | 47834 | 34.88 | ng | # | 80 |
| 63) Azobenzene | 15.939 | 77 | 167710 | 33.50 | ng | | 90 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 198 | 26978 | 35.51 | ng | | 80 |
| 66) n-Nitrosodiphenylamine | 15.868 | 169 | 151765 | 37.06 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.539 | 248 | 53664 | 37.05 | ng | | 96 |
| 68) Hexachlorobenzene | 16.656 | 284 | 61138 | 36.33 | ng | | 97 |
| 69) Atrazine | 16.809 | 200 | 44907 | 36.99 | ng | | 97 |
| 70) Pentachlorophenol | 17.004 | 266 | 33899 | 36.95 | ng | | 98 |
| 71) Phenanthrene | 17.386 | 178 | 265652 | 35.32 | ng | | 99 |
| 72) Anthracene | 17.480 | 178 | 260252 | 35.82 | ng | | 99 |
| 73) Carbazole | 17.751 | 167 | 242714 | 35.23 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.298 | 149 | 305011 | 36.79 | ng | # | 98 |
| 75) Fluoranthene | 19.386 | 202 | 290122 | 34.35 | ng | | 97 |
| 77) Benzidine | 19.568 | 184 | 106486 | 42.91 | ng | | 99 |
| 78) Pyrene | 19.745 | 202 | 295911 | 37.40 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.627 | 149 | 136127 | 39.02 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.468 | 228 | 275864 | 36.20 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.403 | 252 | 94616 | 38.63 | ng | # | 99 |
| 83) Chrysene | 21.521 | 228 | 264833 | 36.00 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.386 | 149 | 193306 | 39.19 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.268 | 149 | 328412 | 39.38 | ng | # | 92 |
| 87) Indeno(1,2,3-cd)pyrene | 26.062 | 276 | 321608 | 38.36 | ng | # | 90 |
| 88) Benzo(b)fluoranthene | 23.068 | 252 | 280273 | 36.69 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.115 | 252 | 269383 | 36.11 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.650 | 252 | 260924 | 36.86 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 26.068 | 278 | 268329 | 38.69 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 26.768 | 276 | 261362 | 38.31 | ng | # | 91 |

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

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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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**ClientSampleId :**
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