Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
Data File : BM026398.D
Acq On : 15 Jun 2020 19:08
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jun 15 19:48:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 12:22:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 92734 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.16 | 136 | 380103 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.06 | 164 | 228126 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.81 | 188 | 491201 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.02 | 240 | 517616 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.11 | 264 | 537306 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.04 | 112 | 453497 | 86.46 | ng | | 0.00 |
| 7) Phenol-d6 | 6.61 | 99 | 635629 | 83.69 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.55 | 82 | 656792 | 84.84 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.56 | 330 | 239195 | 86.56 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.67 | 172 | 1325110 | 88.17 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.47 | 244 | 2125152 | 79.70 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.02 | 88 | 104571 | 44.221 | ng | | 99 |
| 3) Pyridine | 3.40 | 79 | 295089 | 42.485 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.32 | 42 | 140966 | 40.991 | ng | | 97 |
| 6) Aniline | 6.75 | 93 | 412023 | 41.359 | ng | | 99 |
| 8) 2-Chlorophenol | 6.97 | 128 | 253525 | 41.906 | ng | | 97 |
| 9) Benzaldehyde | 6.56 | 77 | 171070 | 35.324 | ng | | 98 |
| 10) Phenol | 6.64 | 94 | 336326 | 41.581 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.85 | 93 | 263862 | 40.501 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.29 | 146 | 287466 | 42.918 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.44 | 146 | 291253 | 42.690 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.75 | 146 | 283263 | 42.503 | ng | | 98 |
| 15) Benzyl Alcohol | 7.66 | 79 | 265235 | 41.125 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.95 | 45 | 491972 | 40.434 | ng | | 99 |
| 17) 2-Methylphenol | 7.86 | 107 | 245303 | 41.495 | ng | | 98 |
| 18) Hexachloroethane | 8.46 | 117 | 109819 | 42.503 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.22 | 70 | 238297 | 40.263 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.19 | 107 | 332996 | 41.328 | ng | | 98 |
| 22) Acetophenone | 8.22 | 105 | 414162 | 42.374 | ng | # | 97 |
| 24) Nitrobenzene | 8.59 | 77 | 343337 | 42.367 | ng | | 99 |
| 25) Isophorone | 9.12 | 82 | 615394 | 42.314 | ng | | 99 |
| 26) 2-Nitrophenol | 9.29 | 139 | 141433 | 44.098 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.37 | 122 | 215232 | 42.510 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 9.60 | 93 | 344626 | 41.766 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.83 | 162 | 238019 | 42.846 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.03 | 180 | 262673 | 43.121 | ng | | 99 |
| 31) Naphthalene | 10.21 | 128 | 800244 | 41.778 | ng | | 99 |
| 32) Benzoic acid | 9.54 | 122 | 145407 | 37.036 | ng | | 98 |
| 33) 4-Chloroaniline | 10.33 | 127 | 349067 | 41.783 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.50 | 225 | 172611 | 44.885 | ng | | 98 |
| 35) Caprolactam | 11.12 | 113 | 83331 | 42.697 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.48 | 107 | 283129 | 41.826 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.83 | 142 | 563471 | 41.281 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.06 | 142 | 539445 | 41.719 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.22 | 216 | 287397 | 44.257 | ng | | 99 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.20 | 237 | 148454 | 38.793 ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.47 | 196 | 193374 | 43.995 ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.55 | 196 | 226963 | 44.485 ng | 99 |
| 46) 1,1'-Biphenyl | 12.88 | 154 | 693714 | 43.374 ng | 99 |
| 47) 2-Chloronaphthalene | 12.92 | 162 | 563187 | 43.353 ng | 100 |
| 48) 2-Nitroaniline | 13.13 | 65 | 225182 | 43.737 ng | 98 |
| 49) Acenaphthylene | 13.77 | 152 | 893194 | 42.988 ng | 100 |
| 50) Dimethylphthalate | 13.53 | 163 | 718875 | 43.083 ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.65 | 165 | 158203 | 43.208 ng | 96 |
| 52) Acenaphthene | 14.12 | 154 | 540141 | 43.302 ng | 99 |
| 53) 3-Nitroaniline | 13.98 | 138 | 174485 | 42.795 ng | 96 |
| 54) 2,4-Dinitrophenol | 14.20 | 184 | 88592 | 39.811 ng | 98 |
| 55) Dibenzofuran | 14.46 | 168 | 860468 | 42.813 ng | 99 |
| 56) 4-Nitrophenol | 14.32 | 139 | 129235 | 39.970 ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.45 | 165 | 219856 | 43.186 ng | 97 |
| 58) Fluorene | 15.12 | 166 | 700174 | 42.891 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.70 | 232 | 184886 | 42.367 ng | 100 |
| 60) Diethylphthalate | 14.92 | 149 | 730470 | 42.980 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.12 | 204 | 373075 | 43.086 ng | 98 |
| 62) 4-Nitroaniline | 15.15 | 138 | 186041 | 42.786 ng | 99 |
| 63) Azobenzene | 15.42 | 77 | 793142 | 42.654 ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.22 | 198 | 124998 | 41.848 ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.34 | 169 | 604712 | 42.496 ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.02 | 248 | 233159 | 43.119 ng | 97 |
| 68) Hexachlorobenzene | 16.13 | 284 | 244584 | 43.347 ng | 97 |
| 69) Atrazine | 16.31 | 200 | 187177 | 44.029 ng | 99 |
| 70) Pentachlorophenol | 16.47 | 266 | 134859 | 39.689 ng | 98 |
| 71) Phenanthrene | 16.85 | 178 | 1082743 | 42.328 ng | 99 |
| 72) Anthracene | 16.94 | 178 | 1088436 | 42.635 ng | 100 |
| 73) Carbazole | 17.22 | 167 | 1044991 | 43.164 ng | 99 |
| 74) Di-n-butylphthalate | 17.81 | 149 | 1256167 | 43.998 ng | 100 |
| 75) Fluoranthene | 18.88 | 202 | 1285999 | 43.851 ng | 99 |
| 77) Benzidine | 19.08 | 184 | 477451 | 44.407 ng | 99 |
| 78) Pyrene | 19.24 | 202 | 1333369 | 38.987 ng | 100 |
| 80) Butylbenzylphthalate | 20.18 | 149 | 584159 | 42.238 ng | 95 |
| 81) Benzo(a)anthracene | 21.00 | 228 | 1312372 | 42.240 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.95 | 252 | 468143 | 48.701 ng | 99 |
| 83) Chrysene | 21.06 | 228 | 1259056 | 42.524 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 20.97 | 149 | 859313 | 43.575 ng | 99 |
| 85) Di-n-octyl phthalate | 21.82 | 149 | 1488105 | 48.917 ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.16 | 276 | 1504446 | 48.404 ng | 100 |
| 88) Benzo(b)fluoranthene | 22.50 | 252 | 1349534 | 41.753 ng | 99 |
| 89) Benzo(k)fluoranthene | 22.54 | 252 | 1244818 | 39.642 ng | 99 |
| 90) Benzo(a)pyrene | 23.02 | 252 | 1218235 | 42.437 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.16 | 278 | 1258410 | 48.497 ng | 99 |
| 92) Benzo(g,h,i)perylene | 25.77 | 276 | 1206037 | 48.843 ng | 99 |

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

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