Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF120997.D
Acq On : 24 Jul 2020 12:03
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
7/27/2020 12:19:25 PM

Quant Time: Jul 24 13:23:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 186666 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.10 | 136 | 690959 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.85 | 164 | 360265 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.33 | 188 | 683448 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 525889 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.42 | 264 | 547958 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 819326 | 71.96 | ng | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 1060653 | 72.11 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 916823 | 76.78 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 312698 | 79.30 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.17 | 172 | 1607778 | 66.63 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.92 | 244 | 1815332 | 75.04 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.53 | 88 | 192919 | 36.813 | ng | 99 |
| 3) Pyridine | 3.27 | 79 | 538720 | 38.644 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.23 | 42 | 213091 | 35.747 | ng | 97 |
| 6) Aniline | 6.48 | 93 | 698423 | 36.377 | ng | 98 |
| 8) 2-Chlorophenol | 6.60 | 128 | 467575 | 37.275 | ng | 98 |
| 9) Benzaldehyde | 6.36 | 77 | 289819 | 40.917 | ng | 99 |
| 10) Phenol | 6.46 | 94 | 585346 | 36.178 | ng | 93 |
| 11) bis(2-Chloroethyl)ether | 6.55 | 93 | 468379 | 37.773 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.76 | 146 | 503372 | 37.008 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 6.83 | 146 | 504993 | 37.337 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 6.99 | 146 | 467950 | 36.572 | ng | 99 |
| 15) Benzyl Alcohol | 6.96 | 79 | 368781 | 35.454 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45 | 680726 | 38.087 | ng | 99 |
| 17) 2-Methylphenol | 7.07 | 107 | 415115 | 37.338 | ng | 99 |
| 18) Hexachloroethane | 7.33 | 117 | 188774 | 38.562 | ng | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70 | 301822 | 36.087 | ng | 98 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 454393 | 32.128 | ng | 95 |
| 22) Acetophenone | 7.23 | 105 | 562463 | 36.271 | ng | 95 |
| 24) Nitrobenzene | 7.40 | 77 | 493570 | 38.349 | ng | 99 |
| 25) Isophorone | 7.64 | 82 | 904742 | 37.963 | ng | 99 |
| 26) 2-Nitrophenol | 7.72 | 139 | 255586 | 41.813 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 377090 | 37.996 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 569138 | 39.122 | ng | 100 |
| 29) 2,4-Dichlorophenol | 7.96 | 162 | 397582 | 39.204 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.04 | 180 | 439662 | 39.076 | ng | 99 |
| 31) Naphthalene | 8.12 | 128 | 1328244 | 37.476 | ng | 99 |
| 32) Benzoic acid | 7.88 | 122 | 332514 | 44.633 | ng | 99 |
| 33) 4-Chloroaniline | 8.17 | 127 | 593946 | 37.566 | ng | 99 |
| 34) Hexachlorobutadiene | 8.24 | 225 | 256744 | 38.708 | ng | 100 |
| 35) Caprolactam | 8.55 | 113 | 124889m | 38.402 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 406480 | 39.082 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.81 | 142 | 885414 | 38.474 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.91 | 142 | 839396 | 38.512 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 413083 | 39.354 | ng | 99 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.96 | 237 | 223718 | 38.564 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.09 | 196 | 287660 | 38.923 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 9.13 | 196 | 329088 | 39.255 | ng | 97 |
| 46) 1,1'-Biphenyl | 9.27 | 154 | 1043940 | 37.988 | ng | 100 |
| 47) 2-Chloronaphthalene | 9.30 | 162 | 856113 | 38.210 | ng | 99 |
| 48) 2-Nitroaniline | 9.40 | 65 | 269985 | 39.874 | ng | 92 |
| 49) Acenaphthylene | 9.72 | 152 | 1314692 | 37.771 | ng | 100 |
| 50) Dimethylphthalate | 9.58 | 163 | 1006983 | 38.744 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.64 | 165 | 226808 | 40.618 | ng | 93 |
| 52) Acenaphthene | 9.89 | 154 | 856405 | 38.700 | ng | 99 |
| 53) 3-Nitroaniline | 9.81 | 138 | 273456 | 39.047 | ng | 96 |
| 54) 2,4-Dinitrophenol | 9.91 | 184 | 116719 | 40.046 | ng | 87 |
| 55) Dibenzofuran | 10.06 | 168 | 1207470 | 37.732 | ng | 100 |
| 56) 4-Nitrophenol | 9.96 | 139 | 199315 | 37.466 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 10.04 | 165 | 304291 | 41.497 | ng | 95 |
| 58) Fluorene | 10.40 | 166 | 846795 | 35.479 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 254579 | 39.884 | ng | 97 |
| 60) Diethylphthalate | 10.27 | 149 | 1026274 | 39.038 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204 | 440552 | 34.607 | ng | 99 |
| 62) 4-Nitroaniline | 10.42 | 138 | 266623 | 39.084 | ng | 97 |
| 63) Azobenzene | 10.55 | 77 | 947209 | 37.846 | ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 154226 | 39.711 | ng | 89 |
| 66) n-Nitrosodiphenylamine | 10.51 | 169 | 831065 | 38.654 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.88 | 248 | 305729 | 40.122 | ng | 97 |
| 68) Hexachlorobenzene | 10.95 | 284 | 330125 | 40.050 | ng | 95 |
| 69) Atrazine | 11.04 | 200 | 182803 | 34.332 | ng | 99 |
| 70) Pentachlorophenol | 11.14 | 266 | 192934 | 40.857 | ng | 98 |
| 71) Phenanthrene | 11.36 | 178 | 1295459 | 36.855 | ng | 100 |
| 72) Anthracene | 11.41 | 178 | 1345210 | 38.113 | ng | 100 |
| 73) Carbazole | 11.57 | 167 | 1316687 | 37.590 | ng | 100 |
| 74) Di-n-butylphthalate | 11.90 | 149 | 1587831 | 39.282 | ng | 100 |
| 75) Fluoranthene | 12.54 | 202 | 1455585 | 37.360 | ng | 99 |
| 77) Benzidine | 12.67 | 184 | 511333 | 36.982 | ng | 99 |
| 78) Pyrene | 12.77 | 202 | 1494200 | 40.188 | ng | 99 |
| 80) Butylbenzylphthalate | 13.39 | 149 | 691064 | 41.694 | ng | 99 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 1194700 | 37.516 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.93 | 252 | 485874 | 40.441 | ng | 100 |
| 83) Chrysene | 14.00 | 228 | 1292193 | 38.612 | ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 846155 | 41.400 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.56 | 149 | 1627325 | 40.020 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.84 | 276 | 1367902 | 35.895 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 1373280 | 41.461 | ng | 100 |
| 89) Benzo(k)fluoranthene | 15.03 | 252 | 1201721 | 39.783 | ng | 98 |
| 90) Benzo(a)pyrene | 15.36 | 252 | 1217896 | 40.302 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.87 | 278 | 1145041 | 36.784 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.27 | 276 | 1050332 | 34.221 | ng | 99 |

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

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