Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121443.D
Acq On : 27 Aug 2020 18:36
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC010

Quant Time: Aug 28 03:10:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 03:08:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.86 | 152 | 288158 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 1081583 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 563740 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.38 | 188 | 1060884 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.02 | 240 | 924172 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.49 | 264 | 911598 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 392510 | 22.32 | ng | | -0.01 |
| 7) Phenol-d6 | 6.47 | 99 | 546180 | 22.45 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 229088 | 13.35 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 105004 | 16.63 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 901610 | 25.19 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.97 | 244 | 1051984 | 24.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.62 | 88 | 90715 | 11.147 | ng | | 98 |
| 3) Pyridine | 3.37 | 79 | 241317 | 10.694 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.30 | 42 | 103922 | 10.581 | ng | # | 99 |
| 6) Aniline | 6.52 | 93 | 311826 | 11.299 | ng | | 100 |
| 8) 2-Chlorophenol | 6.64 | 128 | 191452 | 10.452 | ng | | 98 |
| 9) Benzaldehyde | 6.40 | 77 | 167822 | 13.617 | ng | | 99 |
| 10) Phenol | 6.49 | 94 | 252745 | 10.646 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 212875 | 10.392 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 242325 | 11.526 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.87 | 146 | 242425 | 11.512 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.03 | 146 | 233333 | 11.913 | ng | | 98 |
| 15) Benzyl Alcohol | 6.99 | 79 | 174468 | 10.693 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 320863 | 11.115 | ng | | 98 |
| 17) 2-Methylphenol | 7.10 | 107 | 165911 | 10.785 | ng | | 99 |
| 18) Hexachloroethane | 7.37 | 117 | 77826 | 10.188 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 149585 | 10.773 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 215493 | 11.491 | ng | # | 71 |
| 22) Acetophenone | 7.26 | 105 | 308757 | 11.554 | ng | # | 97 |
| 24) Nitrobenzene | 7.43 | 77 | 132632 | 7.236 | ng | | 94 |
| 25) Isophorone | 7.67 | 82 | 388468 | 10.658 | ng | | 98 |
| 26) 2-Nitrophenol | 7.76 | 139 | 27992 | 4.382 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.79 | 122 | 156098 | 10.379 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 267919 | 10.862 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 146829 | 9.551 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.08 | 180 | 201948 | 11.329 | ng | | 99 |
| 31) Naphthalene | 8.16 | 128 | 628418 | 11.633 | ng | | 97 |
| 32) Benzoic acid | 7.86 | 122 | 34546 | 4.082 | ng | | 92 |
| 33) 4-Chloroaniline | 8.21 | 127 | 263598 | 11.150 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.29 | 225 | 121305 | 11.402 | ng | | 98 |
| 35) Caprolactam | 8.55 | 113 | 46026 | 8.720 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 8.68 | 107 | 163289 | 10.238 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 412858 | 11.445 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.95 | 142 | 389110 | 11.407 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 192052 | 11.650 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.01 | 237 | 62048 | 7.778 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.13 | 196 | 99128 | 8.877 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.16 | 196 | 105322 | 9.478 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.32 | 154 | 501316 | 11.882 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.34 | 162 | 401691 | 11.640 | ng | | 98 |
| 48) 2-Nitroaniline | 9.43 | 65 | 44531 | 5.025 | ng | | 97 |
| 49) Acenaphthylene | 9.76 | 152 | 606616 | 11.490 | ng | | 97 |
| 50) Dimethylphthalate | 9.62 | 163 | 438489 | 10.960 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.67 | 165 | 33949 | 4.785 | ng | # | 85 |
| 52) Acenaphthene | 9.93 | 154 | 376288 | 11.281 | ng | | 99 |
| 53) 3-Nitroaniline | 9.84 | 138 | 49401 | 5.514 | ng | # | 78 |
| 54) 2,4-Dinitrophenol | 9.94 | 184 | 8693 | 3.835 | ng | # | 1 |
| 55) Dibenzofuran | 10.10 | 168 | 564318 | 11.749 | ng | | 96 |
| 56) 4-Nitrophenol | 9.99 | 139 | 36807 | 5.607 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 10.07 | 165 | 35419 | 4.140 | ng | | 94 |
| 58) Fluorene | 10.45 | 166 | 442938 | 12.117 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 82213 | 8.608 | ng | | 98 |
| 60) Diethylphthalate | 10.32 | 149 | 448548 | 10.946 | ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 10.44 | 204 | 220229 | 12.005 | ng | | 96 |
| 62) 4-Nitroaniline | 10.45 | 138 | 61329 | 6.753 | ng | | 85 |
| 63) Azobenzene | 10.60 | 77 | 449684 | 11.347 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198 | 11689 | 3.766 | ng | | 75 |
| 66) n-Nitrosodiphenylamine | 10.55 | 169 | 381561 | 11.397 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.93 | 248 | 132370 | 11.323 | ng | | 95 |
| 68) Hexachlorobenzene | 10.99 | 284 | 153742 | 11.247 | ng | | 97 |
| 69) Atrazine | 11.07 | 200 | 110833 | 10.723 | ng | | 99 |
| 70) Pentachlorophenol | 11.18 | 266 | 51691 | 7.571 | ng | | 98 |
| 71) Phenanthrene | 11.40 | 178 | 654781 | 12.078 | ng | | 97 |
| 72) Anthracene | 11.46 | 178 | 644102 | 12.033 | ng | | 96 |
| 73) Carbazole | 11.61 | 167 | 608803 | 11.751 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.95 | 149 | 700295 | 11.405 | ng | | 98 |
| 75) Fluoranthene | 12.59 | 202 | 715599 | 12.047 | ng | | 97 |
| 77) Benzidine | 12.72 | 184 | 241764 | 11.644 | ng | | 99 |
| 78) Pyrene | 12.82 | 202 | 738837 | 11.311 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.44 | 149 | 245454 | 9.028 | ng | | 93 |
| 81) Benzo(a)anthracene | 14.01 | 228 | 661916 | 11.740 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.97 | 252 | 238739 | 11.446 | ng | | 99 |
| 83) Chrysene | 14.04 | 228 | 646307 | 11.555 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 14.01 | 149 | 380022 | 10.564 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.62 | 149 | 571743 | 9.133 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 633737 | 11.087 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.06 | 252 | 631129 | 10.619 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.09 | 252 | 649328 | 12.034 | ng | | 97 |
| 90) Benzo(a)pyrene | 15.42 | 252 | 584771 | 11.112 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.96 | 278 | 523499 | 11.158 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.38 | 276 | 497974 | 11.042 | ng | | 100 |

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

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