Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118502.D
Acq On : 8 Jan 2020 16:27
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF010820

Quant Time: Jan 08 17:09:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 79029 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 319652 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 174210 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.37 | 188 | 323202 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.03 | 240 | 260260 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.52 | 264 | 203705 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.45 | 112 | 369331 | 77.15 | ng | | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 440522 | 76.96 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 458497 | 75.35 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.68 | 330 | 169522 | 82.47 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.20 | 172 | 922643 | 75.96 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.97 | 244 | 1256767 | 76.52 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.53 | 88 | 67748 | 42.447 | ng | | 98 |
| 3) Pyridine | 3.29 | 79 | 182104 | 42.386 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.25 | 42 | 86898 | 40.363 | ng | | 95 |
| 6) Aniline | 6.50 | 93 | 278222 | 39.095 | ng | | 98 |
| 8) 2-Chlorophenol | 6.62 | 128 | 208698 | 39.871 | ng | | 100 |
| 9) Benzaldehyde | 6.39 | 77 | 112557 | 35.323 | ng | | 98 |
| 10) Phenol | 6.49 | 94 | 251582 | 39.667 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 181349 | 40.106 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 244839 | 40.013 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 253036 | 40.528 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.00 | 146 | 239808 | 39.747 | ng | | 100 |
| 15) Benzyl Alcohol | 6.98 | 79 | 183223 | 39.463 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 202154 | 40.302 | ng | | 98 |
| 17) 2-Methylphenol | 7.09 | 107 | 168292 | 39.122 | ng | | 98 |
| 18) Hexachloroethane | 7.35 | 117 | 92814 | 39.234 | ng | # | 89 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 146680 | 39.788 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 225081 | 38.573 | ng | | 98 |
| 22) Acetophenone | 7.25 | 105 | 319975 | 39.491 | ng | | 98 |
| 24) Nitrobenzene | 7.42 | 77 | 226040 | 37.358 | ng | | 98 |
| 25) Isophorone | 7.66 | 82 | 383483 | 39.339 | ng | | 100 |
| 26) 2-Nitrophenol | 7.74 | 139 | 118693 | 39.731 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 156522 | 38.960 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93 | 245092 | 38.242 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 180240 | 38.424 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 209570 | 38.466 | ng | | 99 |
| 31) Naphthalene | 8.15 | 128 | 645672 | 38.616 | ng | | 99 |
| 32) Benzoic acid | 7.92 | 122 | 84457 | 32.886 | ng | | 96 |
| 33) 4-Chloroaniline | 8.20 | 127 | 270209 | 39.254 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 128069 | 38.295 | ng | | 99 |
| 35) Caprolactam | 8.57 | 113 | 54634 | 38.665 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 188579 | 37.395 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 431670 | 37.617 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.93 | 142 | 406601 | 37.738 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 200955 | 37.543 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.99 | 237 | 32615 | 32.244 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.12 | 196 | 123586 | 37.364 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 9.17 | 196 | 126402 | 36.929 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.30 | 154 | 543506 | 38.183 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.33 | 162 | 422021 | 37.459 | ng | | 99 |
| 48) 2-Nitroaniline | 9.43 | 65 | 124532 | 38.252 | ng | | 96 |
| 49) Acenaphthylene | 9.75 | 152 | 648225 | 38.653 | ng | | 99 |
| 50) Dimethylphthalate | 9.60 | 163 | 503513 | 37.658 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.67 | 165 | 108517 | 37.687 | ng | | 89 |
| 52) Acenaphthene | 9.92 | 154 | 392069 | 38.285 | ng | | 99 |
| 53) 3-Nitroaniline | 9.85 | 138 | 128014 | 37.954 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 9.96 | 184 | 40883 | 35.438 | ng | | 99 |
| 55) Dibenzofuran | 10.09 | 168 | 591257 | 38.439 | ng | | 99 |
| 56) 4-Nitrophenol | 10.02 | 139 | 61108 | 37.314 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.09 | 165 | 147566 | 38.275 | ng | | 99 |
| 58) Fluorene | 10.43 | 166 | 475907 | 38.493 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.22 | 232 | 109159 | 37.712 | ng | | 97 |
| 60) Diethylphthalate | 10.30 | 149 | 509700 | 37.447 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204 | 236528 | 38.289 | ng | | 92 |
| 62) 4-Nitroaniline | 10.47 | 138 | 135286 | 40.964 | ng | | 96 |
| 63) Azobenzene | 10.59 | 77 | 455506 | 39.381 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 68568 | 40.132 | ng | | 87 |
| 66) n-Nitrosodiphenylamine | 10.55 | 169 | 419312 | 39.839 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.92 | 248 | 148917 | 39.337 | ng | | 97 |
| 68) Hexachlorobenzene | 10.99 | 284 | 174837 | 38.675 | ng | # | 92 |
| 69) Atrazine | 11.07 | 200 | 112498 | 35.971 | ng | | 99 |
| 70) Pentachlorophenol | 11.19 | 266 | 49066 | 35.531 | ng | | 99 |
| 71) Phenanthrene | 11.40 | 178 | 699134 | 38.615 | ng | | 99 |
| 72) Anthracene | 11.46 | 178 | 711151 | 39.482 | ng | | 99 |
| 73) Carbazole | 11.61 | 167 | 618222 | 39.622 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.93 | 149 | 820808 | 39.432 | ng | | 99 |
| 75) Fluoranthene | 12.60 | 202 | 786638 | 42.747 | ng | | 98 |
| 77) Benzidine | 12.72 | 184 | 252387 | 40.869 | ng | | 97 |
| 78) Pyrene | 12.83 | 202 | 800876 | 37.401 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.44 | 149 | 338311 | 34.499 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.02 | 228 | 709718 | 38.959 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.98 | 252 | 220189 | 37.170 | ng | | 99 |
| 83) Chrysene | 14.06 | 228 | 681291 | 38.486 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 507150 | 38.089 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.61 | 149 | 809299 | 42.375 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 17.03 | 276 | 458645 | 32.182 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.08 | 252 | 556656 | 37.797 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.11 | 252 | 508973 | 36.206 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.46 | 252 | 446262 | 36.976 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.03 | 278 | 380314 | 33.606 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.47 | 276 | 412493 | 38.468 | ng | | 99 |

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

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