Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
Data File : BF124567.D
Acq On : 14 Jul 2021 16:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040EC

Quant Time: Jul 14 17:25:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 13:25:43 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.928 | 152 | 7132 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.210 | 136 | 27553 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.969 | 164 | 15208 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.457 | 188 | 27426 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.098 | 240 | 18168 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.592 | 264 | 14270 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.545 | 112 | 34179 | 83.031 | ng | | 0.00 |
| 7) Phenol-d6 | 6.551 | 99 | 42502 | 84.874 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.492 | 82 | 35803 | 82.029 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.763 | 330 | 9919 | 83.813 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.292 | 172 | 83924 | 80.472 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.045 | 244 | 90554 | 83.696 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.799 | 88 | 6047 | 44.911 | ng | # | 100 |
| 3) Pyridine | 3.546 | 79 | 14945 | 43.277 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.516 | 42 | 12557 | 44.737 | ng | # | 95 |
| 6) Aniline | 6.598 | 93 | 21685 | 41.099 | ng | # | 96 |
| 8) 2-Chlorophenol | 6.716 | 128 | 19482 | 42.215 | ng | | 97 |
| 9) Benzaldehyde | 6.481 | 77 | 10570 | 35.979 | ng | # | 87 |
| 10) Phenol | 6.563 | 94 | 20073 | 41.057 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.663 | 93 | 15378 | 40.571 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.869 | 146 | 21920 | 43.397 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.945 | 146 | 22715 | 44.029 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.098 | 146 | 20654 | 42.126 | ng | | 97 |
| 15) Benzyl Alcohol | 7.069 | 79 | 14137 | 40.800 | ng | | 88 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.204 | 45 | 28088 | 42.994 | ng | | 97 |
| 17) 2-Methylphenol | 7.169 | 107 | 13982 | 41.392 | ng | | 97 |
| 18) Hexachloroethane | 7.445 | 117 | 8076 | 41.569 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 7.345 | 70 | 11786 | 41.862 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.328 | 107 | 18530 | 41.665 | ng | | 92 |
| 22) Acetophenone | 7.339 | 105 | 25542 | 40.847 | ng | # | 96 |
| 24) Nitrobenzene | 7.510 | 77 | 17841 | 41.223 | ng | | 96 |
| 25) Isophorone | 7.751 | 82 | 31873 | 39.779 | ng | | 98 |
| 26) 2-Nitrophenol | 7.828 | 139 | 10133 | 43.403 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.857 | 122 | 16115 | 41.656 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 7.957 | 93 | 18492 | 39.565 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.063 | 162 | 16560 | 41.501 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.151 | 180 | 18063 | 40.905 | ng | | 99 |
| 31) Naphthalene | 8.233 | 128 | 58769 | 41.239 | ng | | 99 |
| 32) Benzoic acid | 7.981 | 122 | 12396 | 45.973 | ng | | 97 |
| 33) 4-Chloroaniline | 8.281 | 127 | 21961 | 40.780 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.351 | 225 | 10546 | 42.311 | ng | | 95 |
| 35) Caprolactam | 8.657 | 113 | 3807 | 37.719 | ng | | 85 |
| 36) 4-Chloro-3-methylphenol | 8.751 | 107 | 16044 | 40.660 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.928 | 142 | 39111 | 40.671 | ng | | 96 |
| 38) 1-Methylnaphthalene | 9.028 | 142 | 36456 | 40.366 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.092 | 216 | 16686 | 41.137 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.080 | 237 | 10437 | 41.192 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.198 | 196 | 12368 | 42.236 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.233 | 196 | 12315 | 40.776 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.392 | 154 | 47136 | 40.809 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.416 | 162 | 35995 | 39.747 | ng | | 97 |
| 48) 2-Nitroaniline | 9.510 | 65 | 9682 | 44.459 | ng | | 92 |
| 49) Acenaphthylene | 9.833 | 152 | 57221 | 40.490 | ng | | 99 |
| 50) Dimethylphthalate | 9.692 | 163 | 43090 | 40.724 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.751 | 165 | 9404 | 45.084 | ng | | 96 |
| 52) Acenaphthene | 10.004 | 154 | 37461 | 41.456 | ng | | 98 |
| 53) 3-Nitroaniline | 9.922 | 138 | 10075 | 43.285 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 10.022 | 184 | 4939 | 45.378 | ng | | 87 |
| 55) Dibenzofuran | 10.175 | 168 | 53882 | 40.555 | ng | | 99 |
| 56) 4-Nitrophenol | 10.069 | 139 | 8561 | 44.191 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.151 | 165 | 13204 | 46.238 | ng | # | 97 |
| 58) Fluorene | 10.522 | 166 | 40780 | 39.682 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232 | 9756 | 41.827 | ng | # | 98 |
| 60) Diethylphthalate | 10.392 | 149 | 44207 | 39.959 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.510 | 204 | 19165 | 41.086 | ng | | 98 |
| 62) 4-Nitroaniline | 10.539 | 138 | 10297 | 43.894 | ng | | 90 |
| 63) Azobenzene | 10.669 | 77 | 38441 | 39.751 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 10.563 | 198 | 6565 | 41.903 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 10.627 | 169 | 35994 | 40.305 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.004 | 248 | 11301 | 39.849 | ng | | 97 |
| 68) Hexachlorobenzene | 11.063 | 284 | 11767 | 40.498 | ng | | 90 |
| 69) Atrazine | 11.157 | 200 | 11205 | 40.968 | ng | | 94 |
| 70) Pentachlorophenol | 11.257 | 266 | 7819 | 42.544 | ng | | 92 |
| 71) Phenanthrene | 11.486 | 178 | 59944 | 40.062 | ng | | 97 |
| 72) Anthracene | 11.533 | 178 | 59350 | 39.538 | ng | | 99 |
| 73) Carbazole | 11.686 | 167 | 55732 | 40.181 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.016 | 149 | 75428 | 40.369 | ng | | 99 |
| 75) Fluoranthene | 12.674 | 202 | 61481 | 40.726 | ng | | 96 |
| 77) Benzidine | 12.792 | 184 | 27136 | 39.953 | ng | | 99 |
| 78) Pyrene | 12.904 | 202 | 62693 | 41.534 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.515 | 149 | 29897 | 40.964 | ng | | 94 |
| 81) Benzo(a)anthracene | 14.086 | 228 | 49838 | 41.363 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.051 | 252 | 13418 | 42.514 | ng | | 99 |
| 83) Chrysene | 14.127 | 228 | 48172 | 41.734 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.074 | 149 | 40939 | 41.780 | ng | | 98 |
| 85) Di-n-octyl phthalate | 14.692 | 149 | 60979 | 43.007 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.109 | 276 | 35451 | 42.836 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.151 | 252 | 41472 | 40.490 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.186 | 252 | 37370 | 39.765 | ng | # | 97 |
| 90) Benzo(a)pyrene | 15.533 | 252 | 34581 | 40.901 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.133 | 278 | 30898 | 43.862 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.574 | 276 | 29433 | 42.795 | ng | | 93 |

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

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