Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110920\
Data File : BF122279.D
Acq On : 9 Nov 2020 11:22
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDICC005

Quant Time: Nov 09 13:42:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 09 13:34:45 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 281556 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 1081634 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 596469 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 1088616 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 988308 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 991687 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.463 | 112 | 189562 | 9.94 | ng | | -0.01 |
| 7) Phenol-d6 | 6.469 | 99 | 248792 | 10.13 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 127577 | 6.05 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.686 | 330 | 53044 | 7.19 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 435304 | 10.74 | ng | | -0.01 |
| 79) Terphenyl-d14 | 12.974 | 244 | 531003 | 10.24 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.657 | 88 | 42911 | 5.11 | ng | | 89 |
| 3) Pyridine | 3.398 | 79 | 111903 | 5.07 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.322 | 42 | 53058 | 4.98 | ng | # | 89 |
| 6) Aniline | 6.522 | 93 | 157450 | 5.21 | ng | | 96 |
| 8) 2-Chlorophenol | 6.639 | 128 | 97135 | 5.04 | ng | | 96 |
| 9) Benzaldehyde | 6.410 | 77 | 86907 | 6.14 | ng | | 99 |
| 10) Phenol | 6.486 | 94 | 120188 | 4.74 | ng | | 78 |
| 11) bis(2-Chloroethyl)ether | 6.592 | 93 | 98312 | 5.02 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 115076 | 5.31 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.880 | 146 | 115745 | 5.32 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.033 | 146 | 109585 | 5.51 | ng | | 98 |
| 15) Benzyl Alcohol | 6.992 | 79 | 84952 | 5.35 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 144874 | 4.81 | ng | | 100 |
| 17) 2-Methylphenol | 7.104 | 107 | 79529 | 4.82 | ng | | 98 |
| 18) Hexachloroethane | 7.380 | 117 | 37738 | 4.80 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.269 | 70 | 74459 | 5.33 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.257 | 107 | 100676 | 5.06 | ng | # | 72 |
| 22) Acetophenone | 7.269 | 105 | 150780 | 5.42 | ng | # | 85 |
| 24) Nitrobenzene | 7.439 | 77 | 80501 | 3.57 | ng | | 97 |
| 25) Isophorone | 7.680 | 82 | 199866 | 5.01 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 7.792 | 122 | 90130 | 5.09 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 125072 | 5.01 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 74154 | 4.47 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 93615 | 5.31 | ng | | 97 |
| 31) Naphthalene | 8.169 | 128 | 309318 | 5.34 | ng | | 99 |
| 33) 4-Chloroaniline | 8.216 | 127 | 129308 | 5.24 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 53441 | 5.11 | ng | | 99 |
| 35) Caprolactam | 8.533 | 113 | 22652 | 4.30 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.686 | 107 | 80711 | 4.53 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 203539 | 5.42 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 190283 | 5.48 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.027 | 216 | 93827 | 4.87 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 43195 | 11.37 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.133 | 196 | 50349 | 4.24 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.169 | 196 | 53233 | 4.15 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.327 | 154 | 253197 | 5.22 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 9.351 | 162 | 195001 | 5.17 | ng | | 94 |
| 49) Acenaphthylene | 9.763 | 152 | 298228 | 5.15 | ng | | 99 |
| 50) Dimethylphthalate | 9.621 | 163 | 221914 | 5.09 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.680 | 165 | 24417 | 2.55 | ng | | 96 |
| 52) Acenaphthene | 9.939 | 154 | 183126 | 5.31 | ng | | 99 |
| 53) 3-Nitroaniline | 9.845 | 138 | 30396 | 2.79 | ng | # | 96 |
| 55) Dibenzofuran | 10.110 | 168 | 276949 | 5.50 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.080 | 165 | 24933 | 2.12 | ng | # | 93 |
| 58) Fluorene | 10.451 | 166 | 222889 | 5.49 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.221 | 232 | 43373 | 4.37 | ng | | 98 |
| 60) Diethylphthalate | 10.321 | 149 | 215862 | 5.13 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 104588 | 5.37 | ng | | 98 |
| 62) 4-Nitroaniline | 10.451 | 138 | 31413 | 2.89 | ng | | 88 |
| 63) Azobenzene | 10.604 | 77 | 231412 | 5.20 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.557 | 169 | 189779 | 5.06 | ng | | 95 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 63724 | 5.07 | ng | | 93 |
| 68) Hexachlorobenzene | 10.998 | 284 | 70666 | 4.96 | ng | | 98 |
| 69) Atrazine | 11.080 | 200 | 43258 | 4.72 | ng | | 98 |
| 71) Phenanthrene | 11.410 | 178 | 335454 | 5.62 | ng | | 99 |
| 72) Anthracene | 11.463 | 178 | 342989 | 5.54 | ng | | 98 |
| 73) Carbazole | 11.610 | 167 | 304180 | 5.53 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.951 | 149 | 326816 | 5.16 | ng | | 98 |
| 75) Fluoranthene | 12.598 | 202 | 340720 | 5.32 | ng | | 97 |
| 77) Benzidine | 12.715 | 184 | 141469 | 4.64 | ng | | 99 |
| 78) Pyrene | 12.827 | 202 | 358154 | 4.76 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.451 | 149 | 92227 | 3.09 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.015 | 228 | 329377 | 5.09 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.974 | 252 | 105231 | 4.38 | ng | | 99 |
| 83) Chrysene | 14.051 | 228 | 322936 | 5.08 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 168742 | 4.16 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 240065 | 3.66 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.945 | 276 | 306576 | 4.76 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.062 | 252 | 300681 | 4.49 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.092 | 252 | 317778 | 4.99 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.427 | 252 | 269265 | 4.65 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.968 | 278 | 261772 | 4.94 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.386 | 276 | 255913 | 4.82 | ng | | 97 |

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

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