Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020222\
Data File : BF126779.D
Acq On : 02 Feb 2022 11:42
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 02 14:32:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 14:30:32 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/04/2022
Supervised By :Jagrut Upadhyay 02/04/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.945 | 152 | 126779 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.233 | 136 | 489644 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.992 | 164 | 274349 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.480 | 188 | 475701 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 361933 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.645 | 264 | 256395 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.557 | 112 | 209887 | 21.785 | ng | 0.00 |
| 7) Phenol-d6 | 6.557 | 99 | 286042 | 21.369 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.504 | 82 | 280164 | 22.396 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.774 | 330 | 58757 | 22.885 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 9.304 | 172 | 398760 | 22.260 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.068 | 244 | 460080 | 21.321 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.787 | 88 | 51376 | 10.820 | ng | # 88 |
| 3) Pyridine | 3.551 | 79 | 138128 | 10.385 | ng | # 84 |
| 4) n-Nitrosodimethylamine | 3.504 | 42 | 41004 | 8.712 | ng | # 74 |
| 6) Aniline | 6.610 | 93 | 173027 | 10.315 | ng | 97 |
| 8) 2-Chlorophenol | 6.728 | 128 | 93814 | 10.616 | ng | 97 |
| 9) Benzaldehyde | 6.498 | 77 | 87004 | 8.350 | ng | 86 |
| 10) Phenol | 6.569 | 94 | 153771 | 10.801 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.675 | 93 | 121651 | 10.530 | ng | 93 |
| 12) 1,3-Dichlorobenzene | 6.886 | 146 | 105982 | 10.803 | ng | # 95 |
| 13) 1,4-Dichlorobenzene | 6.963 | 146 | 109193 | 11.022 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 7.116 | 146 | 104228 | 11.160 | ng | 97 |
| 15) Benzyl Alcohol | 7.081 | 79 | 108855 | 9.121 | ng | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.216 | 45 | 130226 | 9.880 | ng | 83 |
| 17) 2-Methylphenol | 7.186 | 107 | 90172 | 10.379 | ng | 96 |
| 18) Hexachloroethane | 7.463 | 117 | 41132 | 10.283 | ng | # 92 |
| 19) n-Nitroso-di-n-propyla... | 7.345 | 70 | 94405 | 9.663 | ng | # 85 |
| 20) 3+4-Methylphenols | 7.334 | 107 | 120057 | 10.658 | ng | # 71 |
| 22) Acetophenone | 7.351 | 105 | 157392 | 10.431 | ng | # 88 |
| 24) Nitrobenzene | 7.528 | 77 | 138129 | 10.696 | ng | 89 |
| 25) Isophorone | 7.763 | 82 | 234206 | 9.654 | ng | # 94 |
| 26) 2-Nitrophenol | 7.845 | 139 | 43831 | 13.011 | ng | # 82 |
| 27) 2,4-Dimethylphenol | 7.869 | 122 | 80318 | 10.047 | ng | # 83 |
| 28) bis(2-Chloroethoxy)met... | 7.975 | 93 | 152413 | 10.073 | ng | # 97 |
| 29) 2,4-Dichlorophenol | 8.081 | 162 | 78790 | 10.390 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.169 | 180 | 86334 | 10.616 | ng | 97 |
| 31) Naphthalene | 8.251 | 128 | 282830 | 10.692 | ng | 99 |
| 32) Benzoic acid | 7.939 | 122 | 54006 | 11.909 | ng | # 70 |
| 33) 4-Chloroaniline | 8.298 | 127 | 111900 | 10.588 | ng | # 92 |
| 34) Hexachlorobutadiene | 8.369 | 225 | 53658 | 10.373 | ng | 98 |
| 35) Caprolactam | 8.633 | 113 | 26835 | 9.909 | ng | # 82 |
| 36) 4-Chloro-3-methylphenol | 8.763 | 107 | 100742 | 10.159 | ng | 86 |
| 37) 2-Methylnaphthalene | 8.945 | 142 | 173289 | 10.534 | ng | 97 |
| 38) 1-Methylnaphthalene | 9.045 | 142 | 169032 | 10.601 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 9.104 | 216 | 84376 | 10.965 | ng | 96 |
| 41) Hexachlorocyclopentadiene | 9.092 | 237 | 44671 | 9.535 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 9.216 | 196 | 58296 | 10.627 | ng | 93 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.251 | 196 | 61020m | 10.740 | ng | | |
| 46) 1,1'-Biphenyl | 9.404 | 154 | 224344 | 10.854 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.433 | 162 | 172938 | 10.650 | ng | | 98 |
| 48) 2-Nitroaniline | 9.522 | 65 | 67064 | 11.961 | ng | # | 88 |
| 49) Acenaphthylene | 9.851 | 152 | 270026 | 10.601 | ng | | 97 |
| 50) Dimethylphthalate | 9.698 | 163 | 205512 | 10.562 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.763 | 165 | 40566 | 12.065 | ng | # | 74 |
| 52) Acenaphthene | 10.022 | 154 | 169585 | 10.890 | ng | | 94 |
| 53) 3-Nitroaniline | 9.933 | 138 | 46241 | 12.028 | ng | # | 75 |
| 54) 2,4-Dinitrophenol | 10.039 | 184 | 15812 | 12.907 | ng | | 88 |
| 55) Dibenzofuran | 10.192 | 168 | 255375 | 10.912 | ng | | 98 |
| 56) 4-Nitrophenol | 10.080 | 139 | 32662 | 10.670 | ng | | 80 |
| 57) 2,4-Dinitrotoluene | 10.169 | 165 | 53572 | 13.148 | ng | | 95 |
| 58) Fluorene | 10.539 | 166 | 194329 | 10.998 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.304 | 232 | 51274 | 11.039 | ng | # | 84 |
| 60) Diethylphthalate | 10.404 | 149 | 202410 | 10.464 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.527 | 204 | 96912 | 10.982 | ng | | 91 |
| 62) 4-Nitroaniline | 10.545 | 138 | 40866 | 10.953 | ng | # | 75 |
| 63) Azobenzene | 10.686 | 77 | 285604 | 9.977 | ng | | 89 |
| 65) 4,6-Dinitro-2-methylph... | 10.574 | 198 | 24987 | 12.389 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.645 | 169 | 169165 | 10.535 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.022 | 248 | 57618 | 10.509 | ng | | 94 |
| 68) Hexachlorobenzene | 11.080 | 284 | 64262 | 10.986 | ng | | 96 |
| 69) Atrazine | 11.169 | 200 | 53204 | 10.375 | ng | | 94 |
| 70) Pentachlorophenol | 11.274 | 266 | 34590 | 10.169 | ng | | 98 |
| 71) Phenanthrene | 11.504 | 178 | 291491 | 10.725 | ng | | 99 |
| 72) Anthracene | 11.557 | 178 | 290126 | 10.640 | ng | | 98 |
| 73) Carbazole | 11.710 | 167 | 267679 | 10.456 | ng | | 99 |
| 74) Di-n-butylphthalate | 12.033 | 149 | 309563 | 10.028 | ng | # | 99 |
| 75) Fluoranthene | 12.698 | 202 | 291496 | 10.859 | ng | | 97 |
| 77) Benzidine | 12.816 | 184 | 81041 | 6.491 | ng | | 98 |
| 78) Pyrene | 12.927 | 202 | 296732 | 10.138 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 114869 | 9.033 | ng | # | 96 |
| 81) Benzo(a)anthracene | 14.115 | 228 | 250005 | 10.163 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.080 | 252 | 69749 | 8.631 | ng | # | 97 |
| 83) Chrysene | 14.157 | 228 | 239242 | 10.107 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149 | 155213 | 9.013 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 203618 | 7.723 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 17.186 | 276 | 137913 | 8.706 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 15.192 | 252 | 182124 | 10.711 | ng | # | 94 |
| 89) Benzo(k)fluoranthene | 15.221 | 252 | 169591 | 10.159 | ng | # | 95 |
| 90) Benzo(a)pyrene | 15.574 | 252 | 134028 | 9.688 | ng | # | 94 |
| 91) Dibenzo(a,h)anthracene | 17.209 | 278 | 115705 | 8.817 | ng | # | 93 |
| 92) Benzo(g,h,i)perylene | 17.656 | 276 | 111719 | 8.682 | ng | # | 86 |

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

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