Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125899.D
Acq On : 19 Oct 2021 14:43
Operator : JU/CG
Sample : M4273-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
R-LA-4/2-WCMS

**Manual Integrations APPROVED**
mohammad
10/20/2021 1:54:24 PM

Quant Time: Oct 19 16:46:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.822 | 152 | 148383 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.104 | 136 | 605257 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 9.857 | 164 | 320421 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.339 | 188 | 509922 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 13.974 | 240 | 365481 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.427 | 264 | 368862 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.439 | 112 | 894034 | 98.43 | ng | | 0.00 |
| 7) Phenol-d6 | 6.451 | 99 | 1087539 | 93.01 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.386 | 82 | 641252 | 65.86 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.645 | 330 | 297908 | 94.17 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.180 | 172 | 1251823 | 67.39 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.921 | 244 | 1069935 | 44.59 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.581 | 88 | 160260 | 41.44 | ng | # | 100 |
| 3) Pyridine | 3.328 | 79 | 334287 | 33.41 | ng | # | 70 |
| 4) n-Nitrosodimethylamine | 3.269 | 42 | 159191 | 44.20 | ng | # | 1 |
| 6) Aniline | 6.486 | 93 | 295855 | 21.98 | ng | | 95 |
| 8) 2-Chlorophenol | 6.610 | 128 | 454499 | 45.69 | ng | | 97 |
| 9) Benzaldehyde | 6.369 | 77 | 236302 | 37.24 | ng | | 94 |
| 10) Phenol | 6.469 | 94 | 539652 | 47.46 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.557 | 93 | 403065 | 43.75 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.763 | 146 | 473351 | 43.61 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.839 | 146 | 481982 | 43.55 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.992 | 146 | 465477 | 44.90 | ng | | 99 |
| 15) Benzyl Alcohol | 6.963 | 79 | 344791 | 44.49 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098 | 45 | 495545 | 42.06 | ng | | 87 |
| 17) 2-Methylphenol | 7.075 | 107 | 354353 | 44.74 | ng | | 97 |
| 18) Hexachloroethane | 7.339 | 117 | 167366 | 43.91 | ng | # | 86 |
| 19) n-Nitroso-di-n-propyla... | 7.233 | 70 | 263620 | 42.71 | ng | # | 69 |
| 20) 3+4-Methylphenols | 7.228 | 107 | 425706 | 43.58 | ng | # | 84 |
| 22) Acetophenone | 7.233 | 105 | 566565 | 42.58 | ng | # | 91 |
| 24) Nitrobenzene | 7.404 | 77 | 419917 | 44.50 | ng | # | 98 |
| 25) Isophorone | 7.645 | 82 | 740325 | 42.92 | ng | | 95 |
| 26) 2-Nitrophenol | 7.722 | 139 | 239023 | 50.09 | ng | # | 94 |
| 27) 2,4-Dimethylphenol | 7.757 | 122 | 399550 | 50.28 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.851 | 93 | 485394 | 40.54 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.963 | 162 | 374458 | 43.74 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.045 | 180 | 387038 | 41.23 | ng | | 97 |
| 31) Naphthalene | 8.127 | 128 | 1280139 | 43.74 | ng | | 98 |
| 32) Benzoic acid | 7.875 | 122 | 287167 | 51.39 | ng | | 99 |
| 33) 4-Chloroaniline | 8.169 | 127 | 114775 | 9.37 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.245 | 225 | 213950 | 40.80 | ng | | 99 |
| 35) Caprolactam | 8.539 | 113 | 128270m | 51.86 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.657 | 107 | 373937 | 44.71 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.816 | 142 | 867068 | 45.75 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.916 | 142 | 808548 | 43.96 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 8.986 | 216 | 359322 | 41.78 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 8.975 | 237 | 311436 | 73.79 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.092 | 196 | 268448 | 43.07 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.133 | 196 | 282950 | 42.69 | ng | | 92 |
| 46) 1,1'-Biphenyl | 9.280 | 154 | 974244 | 41.36 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.304 | 162 | 809537 | 42.32 | ng | | 98 |
| 48) 2-Nitroaniline | 9.398 | 65 | 212726 | 46.33 | ng | | 88 |
| 49) Acenaphthylene | 9.722 | 152 | 1243188 | 44.38 | ng | | 99 |
| 50) Dimethylphthalate | 9.580 | 163 | 901146 | 42.72 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.639 | 165 | 206871 | 48.52 | ng | | 93 |
| 52) Acenaphthene | 9.892 | 154 | 812574 | 46.43 | ng | | 97 |
| 53) 3-Nitroaniline | 9.804 | 138 | 131759 | 26.14 | ng | | 87 |
| 54) 2,4-Dinitrophenol | 9.916 | 184 | 151479 | 83.70 | ng | # | 69 |
| 55) Dibenzofuran | 10.063 | 168 | 1111730 | 42.41 | ng | | 95 |
| 56) 4-Nitrophenol | 9.969 | 139 | 339954 | 90.46 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 10.045 | 165 | 270976 | 50.27 | ng | # | 77 |
| 58) Fluorene | 10.404 | 166 | 855411 | 44.55 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.180 | 232 | 214270 | 42.83 | ng | # | 88 |
| 60) Diethylphthalate | 10.280 | 149 | 846986 | 42.08 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.398 | 204 | 380661 | 41.16 | ng | | 88 |
| 62) 4-Nitroaniline | 10.421 | 138 | 200185 | 42.97 | ng | # | 70 |
| 63) Azobenzene | 10.557 | 77 | 772097 | 40.81 | ng | # | 84 |
| 65) 4,6-Dinitro-2-methylph... | 10.451 | 198 | 107400 | 42.22 | ng | # | 72 |
| 66) n-Nitrosodiphenylamine | 10.516 | 169 | 747752 | 42.99 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.886 | 248 | 234857 | 41.59 | ng | | 97 |
| 68) Hexachlorobenzene | 10.957 | 284 | 276026 | 43.13 | ng | # | 80 |
| 69) Atrazine | 11.039 | 200 | 227439 | 45.05 | ng | | 95 |
| 70) Pentachlorophenol | 11.145 | 266 | 291415 | 85.18 | ng | | 94 |
| 71) Phenanthrene | 11.368 | 178 | 1420739 | 52.07 | ng | | 98 |
| 72) Anthracene | 11.416 | 178 | 1266123 | 46.46 | ng | | 98 |
| 73) Carbazole | 11.568 | 167 | 1073851 | 42.34 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.904 | 149 | 1239238 | 44.26 | ng | | 99 |
| 75) Fluoranthene | 12.551 | 202 | 1573295 | 63.91 | ng | | 96 |
| 77) Benzidine | 12.668 | 184 | 188342 | 14.08 | ng | | 98 |
| 78) Pyrene | 12.780 | 202 | 1524924 | 41.07 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.398 | 149 | 465028 | 39.07 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.968 | 228 | 1183265 | 49.90 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 171716 | 22.92 | ng | | 99 |
| 83) Chrysene | 14.004 | 228 | 1183176 | 50.48 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 13.957 | 149 | 582681 | 44.99 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.568 | 149 | 1088579 | 50.45 | ng | # | 89 |
| 87) Indeno(1,2,3-cd)pyrene | 16.868 | 276 | 939303 | 33.36 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.009 | 252 | 1315783 | 63.18 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.039 | 252 | 1077644 | 50.40 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.368 | 252 | 1145663 | 62.12 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.886 | 278 | 717863 | 30.91 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.303 | 276 | 759447 | 32.02 | ng | | 94 |

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

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