Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
Data File : BF125915.D
Acq On : 25 Oct 2021 13:52
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
10/26/2021 11:33:12 AM

Quant Time: Oct 25 17:25:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 17:23:45 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 140989 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 553650 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 307287 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 550830 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 368025 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 15.492 | 264 | 263476 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 221776 | 25.697 | ng | 0.00 |
| 7) Phenol-d6 | 6.481 | 99 | 292020 | 26.284 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 219492 | 24.643 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.686 | 330 | 55374 | 18.252 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.228 | 172 | 440698 | 24.737 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.974 | 244 | 472857 | 19.572 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.634 | 88 | 51855 | 14.111 | ng | # 100 |
| 3) Pyridine | 3.398 | 79 | 129912 | 13.665 | ng | # 85 |
| 4) n-Nitrosodimethylamine | 3.310 | 42 | 83581 | 24.424 | ng | # 77 |
| 6) Aniline | 6.528 | 93 | 168740 | 13.192 | ng | # 92 |
| 8) 2-Chlorophenol | 6.651 | 128 | 112487 | 11.900 | ng | 82 |
| 9) Benzaldehyde | 6.416 | 77 | 97634 | 16.193 | ng | 93 |
| 10) Phenol | 6.492 | 94 | 148846 | 13.777 | ng | 91 |
| 11) bis(2-Chloroethyl)ether | 6.598 | 93 | 116426 | 13.300 | ng | # 81 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 123642 | 11.990 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 6.886 | 146 | 123058 | 11.701 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 118335 | 12.015 | ng | 97 |
| 15) Benzyl Alcohol | 7.004 | 79 | 109630 | 14.889 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 274465 | 24.516 | ng | 94 |
| 17) 2-Methylphenol | 7.110 | 107 | 91151 | 12.113 | ng | 92 |
| 18) Hexachloroethane | 7.386 | 117 | 45833 | 12.656 | ng | 93 |
| 19) n-Nitroso-di-n-propyla... | 7.275 | 70 | 82099 | 13.998 | ng | # 93 |
| 20) 3+4-Methylphenols | 7.263 | 107 | 122671 | 13.218 | ng | 88 |
| 22) Acetophenone | 7.275 | 105 | 164264 | 13.497 | ng | # 87 |
| 24) Nitrobenzene | 7.445 | 77 | 118681 | 13.749 | ng | 88 |
| 25) Isophorone | 7.686 | 82 | 218139 | 13.824 | ng | # 87 |
| 26) 2-Nitrophenol | 7.763 | 139 | 29647 | 6.792 | ng | # 66 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 90227 | 12.413 | ng | 90 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 145118 | 13.249 | ng | # 96 |
| 29) 2,4-Dichlorophenol | 7.998 | 162 | 84761 | 10.824 | ng | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.092 | 180 | 103085 | 12.005 | ng | 95 |
| 31) Naphthalene | 8.175 | 128 | 323892 | 12.099 | ng | 98 |
| 32) Benzoic acid | 7.863 | 122 | 38201 | 7.474 | ng | 94 |
| 33) 4-Chloroaniline | 8.216 | 127 | 133256 | 11.895 | ng | # 89 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 63882 | 13.318 | ng | 98 |
| 35) Caprolactam | 8.557 | 113 | 26949 | 11.911 | ng | # 42 |
| 36) 4-Chloro-3-methylphenol | 8.686 | 107 | 97049 | 12.686 | ng | 89 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 208546 | 12.029 | ng | 90 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 202499 | 12.037 | ng | 90 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 96359 | 11.684 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 46877 | 11.581 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.133 | 196 | 61629 | 10.310 | ng | 92 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.169 | 196 | 65018 | 10.230 | ng | | 94 |
| 46) 1,1'-Biphenyl | 9.328 | 154 | 258526 | 11.443 | ng | | 97 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 194960 | 10.628 | ng | | 97 |
| 48) 2-Nitroaniline | 9.439 | 65 | 54930 | 12.473 | ng | # | 68 |
| 49) Acenaphthylene | 9.763 | 152 | 297159 | 11.062 | ng | | 98 |
| 50) Dimethylphthalate | 9.622 | 163 | 213197 | 10.539 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 9.680 | 165 | 35957 | 8.794 | ng | # | 67 |
| 52) Acenaphthene | 9.939 | 154 | 187671 | 11.182 | ng | | 99 |
| 53) 3-Nitroaniline | 9.845 | 138 | 43143 | 8.924 | ng | # | 63 |
| 54) 2,4-Dinitrophenol | 9.945 | 184 | 8145 | 4.693 | ng | # | 1 |
| 55) Dibenzofuran | 10.110 | 168 | 288915 | 11.491 | ng | | 92 |
| 56) 4-Nitrophenol | 9.992 | 139 | 33433 | 9.277 | ng | # | 74 |
| 57) 2,4-Dinitrotoluene | 10.080 | 165 | 41847 | 8.094 | ng | # | 94 |
| 58) Fluorene | 10.451 | 166 | 213361 | 11.587 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 52197 | 10.880 | ng | # | 89 |
| 60) Diethylphthalate | 10.327 | 149 | 216952 | 11.240 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204 | 103786 | 11.701 | ng | | 88 |
| 62) 4-Nitroaniline | 10.451 | 138 | 38762 | 8.676 | ng | | 91 |
| 63) Azobenzene | 10.604 | 77 | 249606 | 13.758 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198 | 13737 | 5.000 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 10.557 | 169 | 187346 | 9.970 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 63799 | 10.458 | ng | | 95 |
| 68) Hexachlorobenzene | 10.998 | 284 | 68595 | 9.922 | ng | | 95 |
| 69) Atrazine | 11.086 | 200 | 56813 | 10.417 | ng | | 89 |
| 70) Pentachlorophenol | 11.186 | 266 | 34730 | 9.398 | ng | | 92 |
| 71) Phenanthrene | 11.410 | 178 | 328671 | 11.152 | ng | | 97 |
| 72) Anthracene | 11.463 | 178 | 326806 | 11.102 | ng | | 99 |
| 73) Carbazole | 11.616 | 167 | 314598 | 11.484 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.957 | 149 | 328686 | 10.868 | ng | | 99 |
| 75) Fluoranthene | 12.598 | 202 | 337455 | 12.690 | ng | | 98 |
| 77) Benzidine | 12.721 | 184 | 123838 | 9.195 | ng | | 99 |
| 78) Pyrene | 12.827 | 202 | 347995 | 9.307 | ng | | 97 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 103610 | 8.645 | ng | # | 83 |
| 81) Benzo(a)anthracene | 14.015 | 228 | 270768 | 11.340 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.980 | 252 | 81523 | 10.806 | ng | # | 96 |
| 83) Chrysene | 14.051 | 228 | 269249 | 11.409 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149 | 120974 | 9.277 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 165642 | 7.624 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 16.951 | 276 | 165918 | 8.251 | ng | | 94 |
| 88) Benzo(b)fluoranthene | 15.062 | 252 | 192738m | 12.957 | ng | | |
| 89) Benzo(k)fluoranthene | 15.092 | 252 | 192598 | 12.611 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.427 | 252 | 146751 | 11.140 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 16.974 | 278 | 137972 | 8.318 | ng | | 93 |
| 92) Benzo(g,h,i)perylene | 17.392 | 276 | 139319 | 8.224 | ng | # | 88 |

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

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