Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060321\
Data File : BF124119.D
Acq On : 3 Jun 2021 13:41
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
6/4/2021 2:48:18 PM

Quant Time: Jun 03 15:44:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 03 15:43:33 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.863 | 152 | 38823 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.145 | 136 | 142592 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 85302 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.392 | 188 | 164903 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 14.033 | 240 | 140240 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.509 | 264 | 109891 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.486 | 112 | 24960 | 9.027 | ng | | 0.00 |
| 7) Phenol-d6 | 6.492 | 99 | 34222 | 9.541 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.421 | 82 | 35123 | 10.613 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.686 | 330 | 11747 | 11.465 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.221 | 172 | 68289 | 9.852 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.968 | 244 | 88969 | 9.608 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.628 | 88 | 5826 | 4.798 | ng | # | 93 |
| 3) Pyridine | 3.398 | 79 | 14421 | 4.601 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.328 | 42 | 7859 | 3.861 | ng | # | 87 |
| 6) Aniline | 6.522 | 93 | 20154 | 4.949 | ng | | 96 |
| 8) 2-Chlorophenol | 6.651 | 128 | 13797 | 4.794 | ng | | 90 |
| 9) Benzaldehyde | 6.410 | 77 | 8654 | 5.576 | ng | | 99 |
| 10) Phenol | 6.504 | 94 | 18550 | 5.117 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.592 | 93 | 13925 | 4.942 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 15403 | 4.595 | ng | | 91 |
| 13) 1,4-Dichlorobenzene | 6.880 | 146 | 16015 | 4.669 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.033 | 146 | 15988 | 4.989 | ng | | 98 |
| 15) Benzyl Alcohol | 7.004 | 79 | 14516 | 4.685 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.133 | 45 | 21584 | 3.805 | ng | | 83 |
| 17) 2-Methylphenol | 7.116 | 107 | 11398 | 4.885 | ng | # | 89 |
| 18) Hexachloroethane | 7.374 | 117 | 6494 | 5.109 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 12174 | 5.023 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.269 | 107 | 15472 | 5.034 | ng | # | 66 |
| 22) Acetophenone | 7.269 | 105 | 19664 | 4.856 | ng | # | 97 |
| 24) Nitrobenzene | 7.439 | 77 | 18256 | 5.395 | ng | | 92 |
| 25) Isophorone | 7.680 | 82 | 34656 | 5.444 | ng | # | 94 |
| 26) 2-Nitrophenol | 7.763 | 139 | 8039 | 6.315 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.798 | 122 | 11615 | 4.765 | ng | | 82 |
| 28) bis(2-Chloroethoxy)met... | 7.892 | 93 | 15767 | 4.925 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 8.004 | 162 | 13078 | 5.301 | ng | | 87 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 14963 | 5.394 | ng | # | 94 |
| 31) Naphthalene | 8.168 | 128 | 43851 | 5.196 | ng | | 95 |
| 33) 4-Chloroaniline | 8.216 | 127 | 14445 | 4.497 | ng | | 93 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 11108 | 6.117 | ng | | 97 |
| 35) Caprolactam | 8.545 | 113 | 3672 | 5.467 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 8.698 | 107 | 14620 | 5.419 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.857 | 142 | 29202 | 5.105 | ng | | 88 |
| 38) 1-Methylnaphthalene | 8.957 | 142 | 28460 | 5.332 | ng | | 89 |
| 40) 1,2,4,5-Tetrachloroben... | 9.027 | 216 | 15010 | 4.879 | ng | # | 93 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 9571 | 4.795 | ng | | 95 |
| 44) 2,4,5-Trichlorophenol | 9.180 | 196 | 10566 | 5.095 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 9.321 | 154 | 35186 | 4.683 | ng | | 92 |

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|---|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 9.345 | 162 | 29849 | 5.002 | ng | | 99 |
| 48) 2-Nitroaniline | 9.439 | 65 | 9441 | 4.685 | ng | | 97 |
| 49) Acenaphthylene | 9.762 | 152 | 42536 | 4.824 | ng | | 94 |
| 50) Dimethylphthalate | 9.615 | 163 | 37424 | 5.494 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.680 | 165 | 8124 | 5.898 | ng | # | 83 |
| 52) Acenaphthene | 9.933 | 154 | 27291m | 4.522 | ng | | |
| 53) 3-Nitroaniline | 9.851 | 138 | 8031 | 5.867 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.957 | 184 | 2177 | 3.536 | ng | | 89 |
| 55) Dibenzofuran | 10.104 | 168 | 44024 | 5.079 | ng | | 95 |
| 56) 4-Nitrophenol | 10.015 | 139 | 4887 | 4.316 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.080 | 165 | 10323 | 6.110 | ng | # | 95 |
| 58) Fluorene | 10.451 | 166 | 32991 | 5.050 | ng | | 93 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232 | 7523 | 4.411 | ng | # | 99 |
| 60) Diethylphthalate | 10.315 | 149 | 35839 | 5.313 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204 | 16538 | 5.052 | ng | | 97 |
| 62) 4-Nitroaniline | 10.457 | 138 | 7951 | 5.840 | ng | # | 85 |
| 63) Azobenzene | 10.598 | 77 | 40081 | 5.342 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.492 | 198 | 6324 | 6.790 | ng | # | 55 |
| 66) n-Nitrosodiphenylamine | 10.557 | 169 | 31742 | 5.038 | ng | | 93 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 11699 | 5.398 | ng | | 95 |
| 68) Hexachlorobenzene | 10.998 | 284 | 12963 | 5.358 | ng | | 95 |
| 69) Atrazine | 11.080 | 200 | 8639 | 4.855 | ng | | 92 |
| 71) Phenanthrene | 11.409 | 178 | 52373 | 5.011 | ng | | 99 |
| 72) Anthracene | 11.462 | 178 | 53560 | 5.057 | ng | | 96 |
| 73) Carbazole | 11.615 | 167 | 48327 | 5.216 | ng | # | 95 |
| 74) Di-n-butylphthalate | 11.945 | 149 | 59007 | 5.089 | ng | # | 97 |
| 75) Fluoranthene | 12.598 | 202 | 56978 | 5.265 | ng | | 96 |
| 78) Pyrene | 12.833 | 202 | 59130m | 4.749 | ng | | |
| 80) Butylbenzylphthalate | 13.450 | 149 | 25496 | 5.222 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.021 | 228 | 51712 | 5.099 | ng | | 95 |
| 82) 3,3'-Dichlorobenzidine | 13.980 | 252 | 17138 | 5.439 | ng | | 97 |
| 83) Chrysene | 14.056 | 228 | 51290 | 5.258 | ng | | 95 |
| 84) Bis(2-ethylhexyl)phtha... | 14.009 | 149 | 31030 | 4.504 | ng | # | 95 |
| 85) Di-n-octyl phthalate | 14.621 | 149 | 39485 | 3.791 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 16.991 | 276 | 26765 | 3.154 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 15.074 | 252 | 42213 | 4.966 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.103 | 252 | 40702m | 5.254 | ng | | |
| 90) Benzo(a)pyrene | 15.444 | 252 | 35359 | 4.812 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.003 | 278 | 25443 | 3.560 | ng | # | 83 |
| 92) Benzo(g,h,i)perylene | 17.438 | 276 | 23637 | 3.298 | ng | # | 92 |

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

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