Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072221\
Data File : BP006274.D
Acq On : 22 Jul 2021 11:03
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 12:50:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 12:49:34 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
mohammad
7/23/2021 11:51:39 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.799 | 152 | 248161 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.587 | 136 | 1050366 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.428 | 164 | 631579 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 1259407 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.274 | 240 | 1239344 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.627 | 264 | 1250034 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.393 | 112 | 318181 | 21.36 | ng | | 0.00 |
| 7) Phenol-d6 | 6.969 | 99 | 448528 | 22.02 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.952 | 82 | 393105 | 22.54 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.916 | 330 | 100605 | 15.48 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.051 | 172 | 873189 | 21.04 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.751 | 244 | 1304179 | 21.05 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 68000 | 10.92 | ng | | 93 |
| 3) Pyridine | 3.734 | 79 | 193985 | 11.19 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 65895 | 11.21 | ng | # | 75 |
| 6) Aniline | 7.128 | 93 | 242673 | 10.76 | ng | | 96 |
| 8) 2-Chlorophenol | 7.363 | 128 | 176134 | 10.71 | ng | | 95 |
| 9) Benzaldehyde | 6.946 | 77 | 142258m | 12.13 | ng | | |
| 10) Phenol | 6.993 | 94 | 219947 | 10.89 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.234 | 93 | 175772 | 11.23 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.687 | 146 | 191409 | 10.62 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.834 | 146 | 195555 | 10.71 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.146 | 146 | 188246 | 10.76 | ng | | 98 |
| 15) Benzyl Alcohol | 8.040 | 79 | 159690 | 10.89 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.334 | 45 | 192995 | 12.24 | ng | | 94 |
| 17) 2-Methylphenol | 8.240 | 107 | 144200 | 10.76 | ng | | 97 |
| 18) Hexachloroethane | 8.869 | 117 | 70153 | 10.80 | ng | # | 89 |
| 19) n-Nitroso-di-n-propyla... | 8.604 | 70 | 141106 | 11.31 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.563 | 107 | 194513 | 10.78 | ng | | 95 |
| 22) Acetophenone | 8.622 | 105 | 264236 | 10.42 | ng | # | 98 |
| 24) Nitrobenzene | 8.993 | 77 | 207049 | 11.16 | ng | | 93 |
| 25) Isophorone | 9.522 | 82 | 363957 | 10.23 | ng | | 94 |
| 26) 2-Nitrophenol | 9.704 | 139 | 70730 | 10.15 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.769 | 122 | 144188 | 10.24 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.010 | 93 | 214927 | 10.70 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.234 | 162 | 142350 | 9.79 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.446 | 180 | 165855 | 10.09 | ng | | 97 |
| 31) Naphthalene | 10.634 | 128 | 577118 | 10.47 | ng | | 99 |
| 32) Benzoic acid | 9.840 | 122 | 83256 | 9.53 | ng | | 100 |
| 33) 4-Chloroaniline | 10.746 | 127 | 222054 | 9.89 | ng | | 96 |
| 34) Hexachlorobutadiene | 10.922 | 225 | 96659 | 9.92 | ng | | 97 |
| 35) Caprolactam | 11.522 | 113 | 43873 | 10.03 | ng | | 83 |
| 36) 4-Chloro-3-methylphenol | 11.869 | 107 | 175367 | 10.37 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.245 | 142 | 397751 | 10.33 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.463 | 142 | 374028 | 10.27 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.610 | 216 | 170518 | 9.97 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 12.593 | 237 | 88269 | 9.42 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.857 | 196 | 107249 | 10.00 | ng | | 95 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.922 | 196 | 120296 | 10.43 | ng | # | 95 |
| 46) 1,1'-Biphenyl | 13.263 | 154 | 484429 | 10.41 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.298 | 162 | 368982 | 10.29 | ng | | 95 |
| 48) 2-Nitroaniline | 13.504 | 65 | 92913 | 11.03 | ng | | 90 |
| 49) Acenaphthylene | 14.145 | 152 | 586124 | 10.27 | ng | | 100 |
| 50) Dimethylphthalate | 13.892 | 163 | 459384 | 10.37 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.004 | 165 | 91587 | 10.53 | ng | # | 84 |
| 52) Acenaphthene | 14.487 | 154 | 367947 | 10.43 | ng | | 97 |
| 53) 3-Nitroaniline | 14.334 | 138 | 95193 | 10.33 | ng | # | 88 |
| 54) 2,4-Dinitrophenol | 14.534 | 184 | 38097 | 10.33 | ng | # | 89 |
| 55) Dibenzofuran | 14.822 | 168 | 580038 | 10.42 | ng | | 97 |
| 56) 4-Nitrophenol | 14.634 | 139 | 79028 | 9.67 | ng | | 86 |
| 57) 2,4-Dinitrotoluene | 14.792 | 165 | 113130 | 10.08 | ng | | 91 |
| 58) Fluorene | 15.475 | 166 | 461992 | 10.36 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.051 | 232 | 100739 | 10.09 | ng | # | 78 |
| 60) Diethylphthalate | 15.263 | 149 | 468970 | 10.25 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.475 | 204 | 216568 | 10.26 | ng | | 93 |
| 62) 4-Nitroaniline | 15.492 | 138 | 97430 | 10.12 | ng | | 84 |
| 63) Azobenzene | 15.769 | 77 | 497173 | 10.80 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.551 | 198 | 55507 | 9.47 | ng | | 82 |
| 66) n-Nitrosodiphenylamine | 15.692 | 169 | 396898 | 10.27 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.375 | 248 | 107031 | 8.44 | ng | | 94 |
| 68) Hexachlorobenzene | 16.475 | 284 | 142247 | 9.78 | ng | | 92 |
| 69) Atrazine | 16.651 | 200 | 125351 | 9.93 | ng | | 96 |
| 70) Pentachlorophenol | 16.822 | 266 | 76267 | 9.36 | ng | | 98 |
| 71) Phenanthrene | 17.216 | 178 | 730315 | 10.59 | ng | | 100 |
| 72) Anthracene | 17.310 | 178 | 687366 | 10.22 | ng | | 100 |
| 73) Carbazole | 17.586 | 167 | 684938 | 10.16 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.157 | 149 | 746365 | 9.69 | ng | | 100 |
| 75) Fluoranthene | 19.192 | 202 | 803920 | 10.15 | ng | | 94 |
| 77) Benzidine | 19.380 | 184 | 349453 | 9.69 | ng | | 100 |
| 78) Pyrene | 19.545 | 202 | 837910 | 10.24 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.439 | 149 | 316906 | 9.14 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.257 | 228 | 820757 | 10.32 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.198 | 252 | 194754 | 8.84 | ng | # | 96 |
| 83) Chrysene | 21.310 | 228 | 804130 | 10.44 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.210 | 149 | 480289 | 9.19 | ng | # | 97 |
| 85) Di-n-octyl phthalate | 22.121 | 149 | 784162 | 8.95 | ng | # | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 26.062 | 276 | 883388 | 9.98 | ng | # | 89 |
| 88) Benzo(b)fluoranthene | 22.910 | 252 | 817218 | 10.13 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 22.957 | 252 | 780522 | 10.39 | ng | # | 95 |
| 90) Benzo(a)pyrene | 23.521 | 252 | 718006 | 9.92 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 26.086 | 278 | 769262 | 10.04 | ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 26.809 | 276 | 734784 | 9.85 | ng | # | 91 |

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

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