Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112521\
Data File : BP008121.D
Acq On : 24 Nov 2021 17:48
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 00:26:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 00:18:05 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 102918 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.616 | 136 | 406204 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.457 | 164 | 278751 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.216 | 188 | 604821 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.316 | 240 | 641015 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.710 | 264 | 685745 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.405 | 112 | 267639 | 44.449 | ng | | 0.00 |
| 7) Phenol-d6 | 6.999 | 99 | 366358 | 43.894 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.975 | 82 | 364001 | 40.652 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.957 | 330 | 147827 | 41.905 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.081 | 172 | 802441 | 45.076 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.786 | 244 | 1322372 | 40.559 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 58557 | 20.780 | ng | | 100 |
| 3) Pyridine | 3.717 | 79 | 163595 | 20.278 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.622 | 42 | 68807 | 19.037 | ng | | 100 |
| 6) Aniline | 7.146 | 93 | 213820 | 20.294 | ng | | 97 |
| 8) 2-Chlorophenol | 7.387 | 128 | 137676 | 20.368 | ng | | 97 |
| 9) Benzaldehyde | 6.958 | 77 | 115821 | 19.224 | ng | | 99 |
| 10) Phenol | 7.022 | 94 | 186388 | 20.848 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.240 | 93 | 151945 | 19.956 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.705 | 146 | 156654 | 20.189 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.852 | 146 | 158393 | 20.112 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.169 | 146 | 154735 | 20.475 | ng | | 97 |
| 15) Benzyl Alcohol | 8.063 | 79 | 145717 | 20.222 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.346 | 45 | 229305 | 19.322 | ng | | 99 |
| 17) 2-Methylphenol | 8.269 | 107 | 122288 | 20.760 | ng | | 99 |
| 18) Hexachloroethane | 8.893 | 117 | 59950 | 21.376 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.628 | 70 | 125621 | 20.315 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.599 | 107 | 170263 | 20.852 | ng | | 99 |
| 22) Acetophenone | 8.640 | 105 | 229257 | 20.343 | ng | # | 98 |
| 24) Nitrobenzene | 9.016 | 77 | 175337 | 19.977 | ng | | 97 |
| 25) Isophorone | 9.546 | 82 | 324581 | 20.592 | ng | | 99 |
| 26) 2-Nitrophenol | 9.734 | 139 | 76828 | 20.566 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.799 | 122 | 116565 | 20.704 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93 | 206560 | 20.470 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.275 | 162 | 137419 | 20.247 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.481 | 180 | 158576 | 20.547 | ng | | 98 |
| 31) Naphthalene | 10.663 | 128 | 426417 | 20.663 | ng | | 99 |
| 32) Benzoic acid | 9.940 | 122 | 90646 | 18.781 | ng | | 98 |
| 33) 4-Chloroaniline | 10.781 | 127 | 179594 | 20.501 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.951 | 225 | 107009 | 20.491 | ng | | 97 |
| 35) Caprolactam | 11.563 | 113 | 30568 | 20.063 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.916 | 107 | 157383 | 20.089 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.281 | 142 | 304340 | 19.977 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.498 | 142 | 296383 | 19.866 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 184418 | 20.621 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.628 | 237 | 62533 | 15.390 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.893 | 196 | 124847 | 20.265 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.975 | 196 | 132054 | 19.869 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.293 | 154 | 419086 | 20.246 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.334 | 162 | 329808 | 20.907 | ng | 99 |
| 48) 2-Nitroaniline | 13.540 | 65 | 113777 | 20.128 | ng | 97 |
| 49) Acenaphthylene | 14.181 | 152 | 509996 | 20.810 | ng | 99 |
| 50) Dimethylphthalate | 13.922 | 163 | 433872 | 20.555 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.040 | 165 | 89290 | 20.191 | ng | 92 |
| 52) Acenaphthene | 14.522 | 154 | 301936 | 20.103 | ng | 99 |
| 53) 3-Nitroaniline | 14.369 | 138 | 91023 | 19.699 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.587 | 184 | 50084 | 18.150 | ng | 98 |
| 55) Dibenzofuran | 14.857 | 168 | 522221 | 20.195 | ng | 99 |
| 56) 4-Nitrophenol | 14.704 | 139 | 69707 | 18.819 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.834 | 165 | 122819 | 20.087 | ng | 99 |
| 58) Fluorene | 15.510 | 166 | 400346 | 19.887 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 118472m | 19.816 | ng | |
| 60) Diethylphthalate | 15.287 | 149 | 426036 | 19.674 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204 | 219586 | 19.702 | ng | 100 |
| 62) 4-Nitroaniline | 15.534 | 138 | 96614 | 20.318 | ng | 95 |
| 63) Azobenzene | 15.798 | 77 | 441517 | 19.553 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198 | 80039 | 19.594 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.722 | 169 | 363198 | 21.164 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248 | 138200 | 20.826 | ng | 98 |
| 68) Hexachlorobenzene | 16.522 | 284 | 146645 | 20.679 | ng | 99 |
| 69) Atrazine | 16.681 | 200 | 92653 | 21.120 | ng | 99 |
| 70) Pentachlorophenol | 16.875 | 266 | 86344 | 18.937 | ng | 98 |
| 71) Phenanthrene | 17.263 | 178 | 665367 | 20.417 | ng | 100 |
| 72) Anthracene | 17.351 | 178 | 659515 | 20.442 | ng | 100 |
| 73) Carbazole | 17.628 | 167 | 641649 | 19.585 | ng | 100 |
| 74) Di-n-butylphthalate | 18.181 | 149 | 778005 | 21.790 | ng | 99 |
| 75) Fluoranthene | 19.233 | 202 | 827605 | 19.704 | ng | 100 |
| 77) Benzidine | 19.416 | 184 | 160462 | 14.375 | ng | 97 |
| 78) Pyrene | 19.586 | 202 | 868028 | 19.941 | ng | 99 |
| 80) Butylbenzylphthalate | 20.463 | 149 | 376057 | 20.676 | ng | 99 |
| 81) Benzo(a)anthracene | 21.298 | 228 | 870312 | 20.245 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.233 | 252 | 405600 | 19.909 | ng | 99 |
| 83) Chrysene | 21.351 | 228 | 833972 | 20.444 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.227 | 149 | 541799 | 22.021 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.151 | 149 | 970153 | 21.518 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.204 | 276 | 1018914 | 21.413 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.980 | 252 | 859577 | 20.048 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.027 | 252 | 828775 | 19.428 | ng | 100 |
| 90) Benzo(a)pyrene | 23.604 | 252 | 720555 | 20.053 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.221 | 278 | 851967 | 21.509 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.962 | 276 | 852984 | 21.983 | ng | 99 |

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

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