Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016394.D
Acq On : 27 Jul 2023 11:37
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 27 17:35:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 17:32:49 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.093 | 152 | 380607 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.922 | 136 | 1613288 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.734 | 164 | 1014199 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.498 | 188 | 2182918 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.586 | 240 | 1991981 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 24.186 | 264 | 2209674 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.599 | 112 | 241254 | 10.341 | ng | | 0.00 |
| 7) Phenol-d6 | 7.222 | 99 | 328494 | 10.273 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.287 | 82 | 278170 | 9.652 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | | |
| 45) 2-Fluorobiphenyl | 13.357 | 172 | 742829 | 10.501 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.039 | 244 | 1049845 | 11.133 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.464 | 88 | 49241 | 5.412 | ng | | 94 |
| 3) Pyridine | 3.875 | 79 | 143753 | 5.370 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.805 | 42 | 54922 | 5.356 | ng | # | 97 |
| 6) Aniline | 7.416 | 93 | 203960 | 5.164 | ng | | 96 |
| 8) 2-Chlorophenol | 7.640 | 128 | 125576 | 5.134 | ng | | 96 |
| 9) Benzaldehyde | 7.240 | 77 | 110905 | 3.740 | ng | | 94 |
| 10) Phenol | 7.246 | 94 | 161333 | 5.195 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.522 | 93 | 136635 | 5.413 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.975 | 146 | 139603 | 5.316 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.128 | 146 | 142084 | 5.334 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.446 | 146 | 136799 | 5.334 | ng | | 98 |
| 15) Benzyl Alcohol | 8.340 | 79 | 109250 | 5.001 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.628 | 45 | 160526 | 5.607 | ng | | 98 |
| 17) 2-Methylphenol | 8.522 | 107 | 114366 | 5.110 | ng | | 99 |
| 18) Hexachloroethane | 9.169 | 117 | 50417 | 5.306 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.904 | 70 | 105976 | 5.290 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.851 | 107 | 152623 | 5.021 | ng | | 98 |
| 22) Acetophenone | 8.934 | 105 | 210151 | 5.159 | ng | # | 97 |
| 24) Nitrobenzene | 9.328 | 77 | 147501 | 4.983 | ng | | 94 |
| 25) Isophorone | 9.840 | 82 | 289341 | 4.973 | ng | | 99 |
| 26) 2-Nitrophenol | 10.034 | 139 | 41534 | 6.169 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 10.069 | 122 | 128406 | 4.933 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.334 | 93 | 184960 | 5.190 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.551 | 162 | 108365 | 4.448 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.775 | 180 | 128190 | 4.858 | ng | | 99 |
| 31) Naphthalene | 10.975 | 128 | 434991 | 5.155 | ng | | 99 |
| 33) 4-Chloroaniline | 11.098 | 127 | 186559 | 4.901 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.210 | 225 | 74435 | 4.765 | ng | | 98 |
| 35) Caprolactam | 11.875 | 113 | 38690 | 4.345 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 12.181 | 107 | 126057 | 4.655 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.575 | 142 | 309790 | 5.053 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.787 | 142 | 291946 | 5.080 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.916 | 216 | 146539 | 4.755 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.875 | 237 | 62826 | 4.059 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.163 | 196 | 82195 | 4.156 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 13.228 | 196 | 102205 | 4.260 | ng | | 94 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 13.575 | 154 | 396149 | 5.124 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.616 | 162 | 295265 | 5.062 | ng | | 98 |
| 48) 2-Nitroaniline | 13.839 | 65 | 69729 | 4.241 | ng | | 90 |
| 49) Acenaphthylene | 14.463 | 152 | 476729 | 4.926 | ng | | 99 |
| 50) Dimethylphthalate | 14.192 | 163 | 399188 | 5.051 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.328 | 165 | 67610 | 4.176 | ng | # | 85 |
| 52) Acenaphthene | 14.798 | 154 | 288024 | 5.005 | ng | | 97 |
| 53) 3-Nitroaniline | 14.657 | 138 | 77327 | 4.224 | ng | # | 90 |
| 55) Dibenzofuran | 15.134 | 168 | 481590 | 5.103 | ng | | 98 |
| 56) 4-Nitrophenol | 14.928 | 139 | 54453 | 3.800 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 15.104 | 165 | 77352 | 3.666 | ng | | 86 |
| 58) Fluorene | 15.781 | 166 | 379457 | 5.118 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.339 | 232 | 82945 | 4.203 | ng | # | 92 |
| 60) Diethylphthalate | 15.545 | 149 | 393519 | 5.010 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.775 | 204 | 185987 | 4.971 | ng | | 92 |
| 62) 4-Nitroaniline | 15.822 | 138 | 72659 | 4.000 | ng | | 88 |
| 63) Azobenzene | 16.069 | 77 | 386539 | 5.212 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.998 | 169 | 329907 | 5.128 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.675 | 248 | 108534 | 4.696 | ng | # | 91 |
| 68) Hexachlorobenzene | 16.757 | 284 | 122178 | 4.740 | ng | | 92 |
| 69) Atrazine | 16.945 | 200 | 94080 | 4.917 | ng | | 98 |
| 71) Phenanthrene | 17.539 | 178 | 605954 | 5.228 | ng | | 99 |
| 72) Anthracene | 17.633 | 178 | 584576 | 5.016 | ng | | 98 |
| 73) Carbazole | 17.904 | 167 | 549296 | 5.027 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.427 | 149 | 599100 | 4.739 | ng | | 99 |
| 75) Fluoranthene | 19.492 | 202 | 650092 | 4.785 | ng | | 98 |
| 77) Benzidine | 19.692 | 184 | 202764 | 5.871 | ng | | 99 |
| 78) Pyrene | 19.851 | 202 | 687282 | 5.147 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.716 | 149 | 229981 | 4.384 | ng | | 91 |
| 81) Benzo(a)anthracene | 21.568 | 228 | 670192 | 5.014 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.504 | 252 | 192742 | 4.393 | ng | # | 97 |
| 83) Chrysene | 21.627 | 228 | 656629 | 5.145 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.463 | 149 | 354548 | 4.502 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 22.463 | 149 | 576684 | 4.354 | ng | # | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 26.956 | 276 | 688990 | 4.625 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.374 | 252 | 622107m | 4.857 | ng | | |
| 89) Benzo(k)fluoranthene | 23.433 | 252 | 629255 | 4.831 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.068 | 252 | 587132 | 4.732 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.986 | 278 | 572950 | 4.612 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 27.809 | 276 | 555765 | 4.642 | ng | # | 96 |

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

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