Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022624\
Data File : BP019878.D
Acq On : 26 Feb 2024 14:40
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 27 01:33:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 01:30:38 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.899 | 152 | 89247 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.704 | 136 | 382050 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.545 | 164 | 304295 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 745126 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.404 | 240 | 786122 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.833 | 264 | 862215 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 122125 | 22.460 | ng | | 0.00 |
| 7) Phenol-d6 | 7.069 | 99 | 167386 | 20.677 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 176694 | 18.671 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.045 | 330 | 100485 | 19.259 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.169 | 172 | 445716 | 19.790 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.874 | 244 | 965274 | 19.353 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.375 | 88 | 20363 | 11.498 | ng | | 97 |
| 3) Pyridine | 3.781 | 79 | 67615 | 12.477 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.699 | 42 | 27298 | 11.516 | ng | # | 97 |
| 6) Aniline | 7.234 | 93 | 104679 | 10.541 | ng | | 99 |
| 8) 2-Chlorophenol | 7.463 | 128 | 60270 | 10.279 | ng | | 92 |
| 9) Benzaldehyde | 7.052 | 77 | 54581 | 11.890 | ng | | 99 |
| 10) Phenol | 7.099 | 94 | 84421 | 10.458 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.340 | 93 | 67130 | 10.559 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.787 | 146 | 64173 | 10.081 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.934 | 146 | 65306 | 10.131 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.251 | 146 | 63627 | 9.839 | ng | | 99 |
| 15) Benzyl Alcohol | 8.151 | 79 | 66751m | 9.407 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.434 | 45 | 64135 | 9.462 | ng | | 97 |
| 17) 2-Methylphenol | 8.351 | 107 | 56246 | 9.317 | ng | | 99 |
| 18) Hexachloroethane | 8.969 | 117 | 24533 | 9.821 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.716 | 70 | 59859 | 9.788 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 78267 | 9.334 | ng | | 95 |
| 22) Acetophenone | 8.740 | 105 | 107751 | 9.081 | ng | # | 97 |
| 24) Nitrobenzene | 9.116 | 77 | 85942 | 9.381 | ng | | 97 |
| 25) Isophorone | 9.640 | 82 | 161170 | 9.785 | ng | | 98 |
| 26) 2-Nitrophenol | 9.828 | 139 | 33797 | 9.219 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.887 | 122 | 58287 | 9.631 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93 | 91917 | 9.999 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.357 | 162 | 63474 | 9.403 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.569 | 180 | 73208 | 9.872 | ng | | 98 |
| 31) Naphthalene | 10.751 | 128 | 201567 | 9.854 | ng | | 99 |
| 32) Benzoic acid | 9.998 | 122 | 46908 | 9.281 | ng | | 88 |
| 33) 4-Chloroaniline | 10.881 | 127 | 88853 | 9.561 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.022 | 225 | 53079 | 9.842 | ng | | 98 |
| 35) Caprolactam | 11.675 | 113 | 24625m | 9.925 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.004 | 107 | 80556 | 9.674 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.369 | 142 | 154989 | 9.761 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.587 | 142 | 147523 | 9.818 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.734 | 216 | 100923 | 9.709 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.698 | 237 | 46686 | 8.674 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.981 | 196 | 64722 | 9.430 | ng | | 98 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.057 | 196 | 79892 | 9.772 | ng | 97 |
| 46) | 1,1'-Biphenyl | 13.381 | 154 | 213340 | 9.792 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.422 | 162 | 165791 | 9.804 | ng | 98 |
| 48) | 2-Nitroaniline | 13.639 | 65 | 58269 | 9.533 | ng | 97 |
| 49) | Acenaphthylene | 14.269 | 152 | 271055 | 9.893 | ng | 100 |
| 50) | Dimethylphthalate | 14.016 | 163 | 250043 | 10.066 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 14.139 | 165 | 52283 | 9.779 | ng | 93 |
| 52) | Acenaphthene | 14.610 | 154 | 163453 | 9.936 | ng | 99 |
| 53) | 3-Nitroaniline | 14.469 | 138 | 52518 | 9.924 | ng | 99 |
| 54) | 2,4-Dinitrophenol | 14.686 | 184 | 28812 | 8.648 | ng | 98 |
| 55) | Dibenzofuran | 14.945 | 168 | 281812 | 10.037 | ng | 98 |
| 56) | 4-Nitrophenol | 14.786 | 139 | 39226 | 9.475 | ng | 98 |
| 57) | 2,4-Dinitrotoluene | 14.933 | 165 | 74948 | 9.850 | ng | 97 |
| 58) | Fluorene | 15.598 | 166 | 234515 | 10.299 | ng | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.175 | 232 | 72575 | 9.679 | ng | 99 |
| 60) | Diethylphthalate | 15.381 | 149 | 253442 | 10.327 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.598 | 204 | 130590 | 10.028 | ng | 97 |
| 62) | 4-Nitroaniline | 15.633 | 138 | 54671 | 10.681 | ng | 96 |
| 63) | Azobenzene | 15.892 | 77 | 238761 | 10.451 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 15.692 | 198 | 45728 | 9.042 | ng | 92 |
| 66) | n-Nitrosodiphenylamine | 15.816 | 169 | 208190 | 9.737 | ng | 97 |
| 67) | 4-Bromophenyl-phenylether | 16.498 | 248 | 88297 | 9.584 | ng | 98 |
| 68) | Hexachlorobenzene | 16.598 | 284 | 94094 | 9.470 | ng | 98 |
| 69) | Atrazine | 16.780 | 200 | 88407 | 9.882 | ng | 98 |
| 70) | Pentachlorophenol | 16.951 | 266 | 65825 | 8.963 | ng | 95 |
| 71) | Phenanthrene | 17.345 | 178 | 387405 | 9.741 | ng | 99 |
| 72) | Anthracene | 17.439 | 178 | 396771 | 9.773 | ng | 99 |
| 73) | Carbazole | 17.722 | 167 | 353578 | 9.833 | ng | 99 |
| 74) | Di-n-butylphthalate | 18.274 | 149 | 458582 | 10.197 | ng | 99 |
| 75) | Fluoranthene | 19.321 | 202 | 505795 | 9.799 | ng | 99 |
| 77) | Benzidine | 19.516 | 184 | 204557 | 9.059 | ng | 98 |
| 78) | Pyrene | 19.674 | 202 | 523174 | 9.686 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.563 | 149 | 220446 | 10.207 | ng | 99 |
| 81) | Benzo(a)anthracene | 21.392 | 228 | 542821 | 9.728 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.327 | 252 | 210011 | 9.813 | ng | 100 |
| 83) | Chrysene | 21.445 | 228 | 515046 | 9.850 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.327 | 149 | 323421 | 10.432 | ng | 99 |
| 85) | Di-n-octyl phthalate | 22.268 | 149 | 544458 | 10.552 | ng | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.368 | 276 | 586086 | 9.655 | ng | 99 |
| 88) | Benzo(b)fluoranthene | 23.086 | 252 | 524932 | 9.930 | ng | 100 |
| 89) | Benzo(k)fluoranthene | 23.139 | 252 | 495007 | 9.548 | ng | 99 |
| 90) | Benzo(a)pyrene | 23.721 | 252 | 490361 | 9.707 | ng | 100 |
| 91) | Dibenzo(a,h)anthracene | 26.392 | 278 | 489661 | 9.596 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 27.145 | 276 | 473613 | 9.614 | ng | 98 |

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

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