Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019532.D
Acq On : 02 Feb 2024 17:20
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-10PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 02 17:48:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
LOQ-WATER-02-QT4-2023

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.910 | 152 | 66965 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.710 | 136 | 279711 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.545 | 164 | 205151 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.298 | 188 | 504451 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.392 | 240 | 517541 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.809 | 264 | 488621 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 582837 | 140.295 | ng | | 0.00 |
| 7) Phenol-d6 | 7.081 | 99 | 805253 | 143.754 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.081 | 82 | 536060 | 83.044 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.039 | 330 | 505920 | 168.902 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.175 | 172 | 1309950 | 78.937 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.868 | 244 | 2702460 | 85.874 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 17256 | 10.781 | ng | | 99 |
| 3) Pyridine | 3.787 | 79 | 45539 | 10.494 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.710 | 42 | 21012 | 11.122 | ng | # | 98 |
| 6) Aniline | 7.245 | 93 | 73484 | 13.501 | ng | | 97 |
| 8) 2-Chlorophenol | 7.469 | 128 | 45666 | 10.707 | ng | | 99 |
| 9) Benzaldehyde | 7.057 | 77 | 48650 | 12.388 | ng | | 99 |
| 10) Phenol | 7.104 | 94 | 61915 | 11.090 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.345 | 93 | 48281 | 11.116 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.798 | 146 | 55223 | 10.581 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.945 | 146 | 55702 | 10.535 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.263 | 146 | 54195 | 10.593 | ng | | 97 |
| 15) Benzyl Alcohol | 8.157 | 79 | 52754 | 11.787 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.451 | 45 | 48116m | 11.078 | ng | | |
| 17) 2-Methylphenol | 8.357 | 107 | 42978 | 11.434 | ng | | 97 |
| 18) Hexachloroethane | 8.981 | 117 | 20879 | 10.187 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 8.722 | 70 | 46269 | 12.093 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 57709 | 11.250 | ng | | 96 |
| 22) Acetophenone | 8.739 | 105 | 87063 | 10.926 | ng | # | 97 |
| 24) Nitrobenzene | 9.122 | 77 | 66300m | 10.201 | ng | | |
| 25) Isophorone | 9.645 | 82 | 125146 | 11.132 | ng | | 99 |
| 26) 2-Nitrophenol | 9.828 | 139 | 24167 | 9.752 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.886 | 122 | 40182 | 12.680 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.139 | 93 | 67977 | 10.687 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.357 | 162 | 50000 | 10.438 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.575 | 180 | 59309 | 10.098 | ng | | 97 |
| 31) Naphthalene | 10.757 | 128 | 158544 | 10.335 | ng | | 99 |
| 32) Benzoic acid | 9.975 | 122 | 29345m | 9.505 | ng | | |
| 33) 4-Chloroaniline | 10.881 | 127 | 68951 | 12.154 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.033 | 225 | 41835 | 9.612 | ng | | 99 |
| 35) Caprolactam | 11.651 | 113 | 18422 | 13.585 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.992 | 107 | 59767 | 11.443 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.369 | 142 | 116220 | 10.947 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.586 | 142 | 113764 | 10.904 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216 | 78209 | 9.885 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.704 | 237 | 36588 | 10.237 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.975 | 196 | 48305 | 10.083 | ng | | 97 |

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Sample : 04699-08
Misc : LOQ-WATER-10PPM
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
LOQ-WATER-02-QT4-2023

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 17:48:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.045 | 196 | 52394 | 9.959 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.380 | 154 | 164475 | 10.045 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.422 | 162 | 132371 | 9.848 | ng | | 98 |
| 48) 2-Nitroaniline | 13.627 | 65 | 39458 | 10.499 | ng | | 98 |
| 49) Acenaphthylene | 14.263 | 152 | 212625 | 11.276 | ng | | 99 |
| 50) Dimethylphthalate | 14.010 | 163 | 177718 | 11.316 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.133 | 165 | 36522 | 10.585 | ng | | 98 |
| 52) Acenaphthene | 14.604 | 154 | 119955 | 10.249 | ng | | 98 |
| 53) 3-Nitroaniline | 14.457 | 138 | 36693 | 11.571 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.663 | 184 | 16996 | 9.487 | ng | | 98 |
| 55) Dibenzofuran | 14.945 | 168 | 210706 | 11.054 | ng | | 98 |
| 56) 4-Nitrophenol | 14.757 | 139 | 31156 | 11.987 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.916 | 165 | 50306 | 11.126 | ng | | 97 |
| 58) Fluorene | 15.592 | 166 | 171016 | 11.264 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.169 | 232 | 51293 | 11.592 | ng | | 98 |
| 60) Diethylphthalate | 15.380 | 149 | 178034 | 11.397 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204 | 91764 | 10.754 | ng | | 93 |
| 62) 4-Nitroaniline | 15.616 | 138 | 38797 | 11.672 | ng | | 95 |
| 63) Azobenzene | 15.892 | 77 | 168470 | 11.153 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.674 | 198 | 24793 | 8.619 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.810 | 169 | 151156 | 10.005 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248 | 58859 | 9.333 | ng | | 96 |
| 68) Hexachlorobenzene | 16.586 | 284 | 70573 | 9.583 | ng | | 99 |
| 69) Atrazine | 16.774 | 200 | 65554 | 13.076 | ng | | 97 |
| 70) Pentachlorophenol | 16.939 | 266 | 40236 | 8.774 | ng | | 98 |
| 71) Phenanthrene | 17.339 | 178 | 291823 | 10.992 | ng | | 99 |
| 72) Anthracene | 17.433 | 178 | 288819 | 10.906 | ng | | 99 |
| 73) Carbazole | 17.704 | 167 | 263662 | 10.959 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.268 | 149 | 301617 | 10.369 | ng | | 100 |
| 75) Fluoranthene | 19.304 | 202 | 363393 | 11.205 | ng | | 99 |
| 77) Benzidine | 19.498 | 184 | 186593 | 17.245 | ng | | 99 |
| 78) Pyrene | 19.657 | 202 | 383791 | 10.507 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.557 | 149 | 134685 | 9.874 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.374 | 228 | 383976 | 10.540 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.309 | 252 | 138414 | 10.426 | ng | # | 94 |
| 83) Chrysene | 21.427 | 228 | 352945 | 10.204 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149 | 194382 | 9.358 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.268 | 149 | 313882 | 8.589 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.327 | 276 | 312783 | 8.363 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.068 | 252 | 337122 | 10.947 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.115 | 252 | 322040 | 10.947 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.698 | 252 | 277456 | 10.126 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.356 | 278 | 262027 | 8.518 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.097 | 276 | 251555 | 8.061 | ng | | 100 |

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

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