Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013926.D
Acq On : 02 Mar 2023 17:23
Operator : CG/JU
Sample : 01739-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SAMPLE-1-COMP-1MSD

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 02 18:05:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.093 | 152 | 98139 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.922 | 136 | 374749 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.734 | 164 | 243354 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.487 | 188 | 526841 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.569 | 240 | 547474 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 24.116 | 264 | 664308 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.634 | 112 | 904802 | 151.949 | ng | | 0.00 |
| 7) Phenol-d6 | 7.252 | 99 | 1098251 | 144.009 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.269 | 82 | 787575 | 113.487 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.222 | 330 | 586515 | 165.569 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.357 | 172 | 1766850 | 95.363 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.022 | 244 | 3066973 | 107.783 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.493 | 88 | 109686 | 42.380 | ng | # | 45 |
| 3) Pyridine | 3.911 | 79 | 280609 | 40.218 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.805 | 42 | 148827 | 56.918 | ng | | 84 |
| 6) Aniline | 7.417 | 93 | 163337 | 16.484 | ng | | 97 |
| 8) 2-Chlorophenol | 7.658 | 128 | 326559 | 51.992 | ng | | 97 |
| 9) Benzaldehyde | 7.228 | 77 | 144786m | 39.905 | ng | | |
| 10) Phenol | 7.275 | 94 | 387355 | 48.797 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 7.511 | 93 | 318937 | 50.204 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.981 | 146 | 347555 | 49.212 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 8.128 | 146 | 352923 | 49.471 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.452 | 146 | 343078 | 51.517 | ng | | 97 |
| 15) Benzyl Alcohol | 8.340 | 79 | 328062m | 61.313 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.622 | 45 | 353082m | 52.031 | ng | | |
| 17) 2-Methylphenol | 8.540 | 107 | 282407 | 52.280 | ng | | 95 |
| 18) Hexachloroethane | 9.187 | 117 | 129443 | 51.799 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.905 | 70 | 259352 | 58.105 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.869 | 107 | 373320 | 51.348 | ng | | 96 |
| 22) Acetophenone | 8.928 | 105 | 516750 | 54.670 | ng | # | 97 |
| 24) Nitrobenzene | 9.311 | 77 | 397419 | 54.877 | ng | | 98 |
| 25) Isophorone | 9.840 | 82 | 710909 | 53.158 | ng | | 99 |
| 26) 2-Nitrophenol | 10.028 | 139 | 177576 | 51.802 | ng | # | 89 |
| 27) 2,4-Dimethylphenol | 10.081 | 122 | 297311 | 53.159 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 10.316 | 93 | 420027 | 49.200 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.563 | 162 | 327843 | 54.635 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.781 | 180 | 353343 | 50.180 | ng | | 99 |
| 31) Naphthalene | 10.969 | 128 | 976872 | 47.545 | ng | | 99 |
| 32) Benzoic acid | 10.205 | 122 | 124976 | 30.418 | ng | | 95 |
| 33) 4-Chloroaniline | 11.087 | 127 | 28634 | 3.319 | ng | # | 93 |
| 34) Hexachlorobutadiene | 11.252 | 225 | 238947 | 51.065 | ng | | 97 |
| 35) Caprolactam | 11.875 | 113 | 88528 | 46.209 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.193 | 107 | 362336 | 54.189 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.569 | 142 | 704728 | 47.384 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.787 | 142 | 656742 | 47.181 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.934 | 216 | 431142 | 49.125 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.910 | 237 | 474354 | 101.754 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.169 | 196 | 288575 | 52.562 | ng | | 100 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.240 | 196 | 312731 | 47.927 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.569 | 154 | 942952 | 47.941 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.610 | 162 | 743595 | 49.622 | ng | | 98 |
| 48) 2-Nitroaniline | 13.816 | 65 | 222695 | 52.032 | ng | | 95 |
| 49) Acenaphthylene | 14.457 | 152 | 1153040 | 48.813 | ng | | 100 |
| 50) Dimethylphthalate | 14.187 | 163 | 964378 | 48.700 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.304 | 165 | 211173 | 48.745 | ng | | 94 |
| 52) Acenaphthene | 14.798 | 154 | 692800 | 48.198 | ng | | 98 |
| 53) 3-Nitroaniline | 14.640 | 138 | 72341 | 17.394 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.840 | 184 | 194836 | 69.209 | ng | | 90 |
| 55) Dibenzofuran | 15.128 | 168 | 1143665 | 47.818 | ng | | 97 |
| 56) 4-Nitrophenol | 14.946 | 139 | 330482 | 93.365 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 15.093 | 165 | 295032 | 50.514 | ng | | 93 |
| 58) Fluorene | 15.781 | 166 | 921237 | 49.124 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.357 | 232 | 295010 | 52.517 | ng | | 99 |
| 60) Diethylphthalate | 15.540 | 149 | 960335 | 49.733 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.769 | 204 | 496723 | 48.886 | ng | | 98 |
| 62) 4-Nitroaniline | 15.804 | 138 | 203082 | 44.041 | ng | | 87 |
| 63) Azobenzene | 16.063 | 77 | 891934 | 51.054 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 198 | 150934 | 41.333 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.987 | 169 | 797964 | 50.004 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.669 | 248 | 328273 | 52.791 | ng | | 99 |
| 68) Hexachlorobenzene | 16.787 | 284 | 370030 | 54.513 | ng | | 99 |
| 69) Atrazine | 16.934 | 200 | 317986 | 58.445 | ng | | 99 |
| 70) Pentachlorophenol | 17.134 | 266 | 465602 | 93.036 | ng | | 100 |
| 71) Phenanthrene | 17.528 | 178 | 1486769 | 50.374 | ng | | 100 |
| 72) Anthracene | 17.622 | 178 | 1518618 | 51.458 | ng | | 99 |
| 73) Carbazole | 17.887 | 167 | 1310598 | 49.329 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.416 | 149 | 1548056 | 49.731 | ng | | 99 |
| 75) Fluoranthene | 19.481 | 202 | 1793991 | 48.759 | ng | | 99 |
| 77) Benzidine | 19.657 | 184 | 275296 | 25.718 | ng | | 99 |
| 78) Pyrene | 19.834 | 202 | 1870487 | 49.996 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.686 | 149 | 717127 | 53.930 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.551 | 228 | 1961749 | 50.039 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.475 | 252 | 290127 | 23.522 | ng | | 100 |
| 83) Chrysene | 21.604 | 228 | 1829825 | 48.180 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.445 | 149 | 1067447 | 51.489 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.416 | 149 | 1926171 | 52.142 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.804 | 276 | 2662087 | 51.514 | ng | | 95 |
| 88) Benzo(b)fluoranthene | 23.333 | 252 | 2197311 | 52.299 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.386 | 252 | 2154455 | 50.517 | ng | # | 98 |
| 90) Benzo(a)pyrene | 24.004 | 252 | 1901516 | 46.815 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 26.821 | 278 | 2207477 | 50.984 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 27.633 | 276 | 2187433 | 51.092 | ng | | 96 |

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

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