Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036073.D
Acq On : 03 Aug 2022 12:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 01:29:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.863 | 152 | 282227 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.669 | 136 | 1242923 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.504 | 164 | 781284 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.245 | 188 | 1633147 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.427 | 240 | 1539478 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.786 | 264 | 1545836 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.428 | 112 | 1369498 | 78.671 | ng | | 0.00 |
| 7) Phenol-d6 | 7.034 | 99 | 1771135 | 79.960 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.034 | 82 | 1683801 | 75.833 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.992 | 330 | 729382 | 79.579 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.133 | 172 | 3841988 | 72.606 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.868 | 244 | 5858460 | 75.061 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 268001 | 38.206 | ng | | 93 |
| 3) Pyridine | 3.705 | 79 | 732967 | 38.967 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.616 | 42 | 303110 | 39.214 | ng | # | 66 |
| 6) Aniline | 7.193 | 93 | 979124 | 39.917 | ng | | 96 |
| 8) 2-Chlorophenol | 7.428 | 128 | 738028 | 39.764 | ng | | 95 |
| 9) Benzaldehyde | 7.004 | 77 | 434211 | 37.028 | ng | | 94 |
| 10) Phenol | 7.063 | 94 | 895477 | 40.151 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 7.293 | 93 | 721799 | 39.287 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.751 | 146 | 802507 | 39.018 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.898 | 146 | 823689 | 39.271 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.216 | 146 | 791791 | 39.124 | ng | | 98 |
| 15) Benzyl Alcohol | 8.110 | 79 | 607096 | 40.843 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.404 | 45 | 977603 | 40.016 | ng | | 96 |
| 17) 2-Methylphenol | 8.316 | 107 | 596193 | 40.382 | ng | | 95 |
| 18) Hexachloroethane | 8.940 | 117 | 299210 | 39.628 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.681 | 70 | 552677 | 41.078 | ng | # | 88 |
| 20) 3+4-Methylphenols | 8.645 | 107 | 825131 | 41.137 | ng | | 96 |
| 22) Acetophenone | 8.692 | 105 | 1112565 | 37.814 | ng | # | 93 |
| 24) Nitrobenzene | 9.075 | 77 | 784843 | 37.599 | ng | | 97 |
| 25) Isophorone | 9.604 | 82 | 1424600 | 39.439 | ng | | 99 |
| 26) 2-Nitrophenol | 9.787 | 139 | 397874 | 40.412 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 9.851 | 122 | 594751 | 38.996 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.086 | 93 | 980364 | 38.095 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 674280 | 39.313 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.534 | 180 | 723843 | 37.241 | ng | | 98 |
| 31) Naphthalene | 10.722 | 128 | 2307721 | 37.345 | ng | | 99 |
| 32) Benzoic acid | 9.992 | 122 | 510453 | 42.222 | ng | | 94 |
| 33) 4-Chloroaniline | 10.834 | 127 | 962281 | 38.639 | ng | | 96 |
| 34) Hexachlorobutadiene | 10.998 | 225 | 425896 | 37.290 | ng | | 99 |
| 35) Caprolactam | 11.639 | 113 | 226109 | 42.800 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 11.963 | 107 | 723874 | 40.153 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.333 | 142 | 1577102 | 38.352 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.551 | 142 | 1537000 | 38.167 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.698 | 216 | 765523 | 36.141 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.675 | 237 | 429685 | 38.302 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.939 | 196 | 554267 | 38.456 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.010 | 196 | 590694 | 38.824 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.345 | 154 | 2086981 | 36.654 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.386 | 162 | 1576895 | 36.186 | ng | | 99 |
| 48) 2-Nitroaniline | 13.592 | 65 | 471887 | 39.735 | ng | | 90 |
| 49) Acenaphthylene | 14.227 | 152 | 2502666 | 37.152 | ng | | 100 |
| 50) Dimethylphthalate | 13.974 | 163 | 2015430 | 37.934 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.092 | 165 | 421673 | 39.556 | ng | | 89 |
| 52) Acenaphthene | 14.569 | 154 | 1647306m | 37.384 | ng | | |
| 53) 3-Nitroaniline | 14.422 | 138 | 502444 | 40.398 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 14.621 | 184 | 247942 | 43.953 | ng | | 92 |
| 55) Dibenzofuran | 14.904 | 168 | 2454561 | 37.198 | ng | | 98 |
| 56) 4-Nitrophenol | 14.727 | 139 | 409107 | 41.104 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 14.874 | 165 | 578116 | 41.376 | ng | | 97 |
| 58) Fluorene | 15.551 | 166 | 1935645 | 37.187 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.127 | 232 | 507210 | 39.354 | ng | | 97 |
| 60) Diethylphthalate | 15.333 | 149 | 2124702 | 38.914 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.545 | 204 | 965913 | 37.215 | ng | | 97 |
| 62) 4-Nitroaniline | 15.580 | 138 | 526834 | 41.175 | ng | | 92 |
| 63) Azobenzene | 15.839 | 77 | 1979362 | 38.134 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.633 | 198 | 349460 | 41.849 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.763 | 169 | 1674662 | 36.324 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.439 | 248 | 596316 | 36.504 | ng | | 97 |
| 68) Hexachlorobenzene | 16.545 | 284 | 685143 | 36.554 | ng | | 94 |
| 69) Atrazine | 16.715 | 200 | 525004 | 40.697 | ng | | 98 |
| 70) Pentachlorophenol | 16.892 | 266 | 431566 | 39.314 | ng | | 99 |
| 71) Phenanthrene | 17.286 | 178 | 3010634 | 36.184 | ng | | 99 |
| 72) Anthracene | 17.380 | 178 | 2973295 | 36.911 | ng | | 99 |
| 73) Carbazole | 17.651 | 167 | 3050205 | 37.372 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.215 | 149 | 3827817 | 39.288 | ng | | 99 |
| 75) Fluoranthene | 19.304 | 202 | 3459930 | 37.149 | ng | | 98 |
| 77) Benzidine | 19.492 | 184 | 1014037 | 43.921 | ng | | 99 |
| 78) Pyrene | 19.662 | 202 | 3568157 | 37.377 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.568 | 149 | 1691090 | 41.044 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.409 | 228 | 3503110 | 36.944 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.345 | 252 | 925048 | 40.177 | ng | | 99 |
| 83) Chrysene | 21.462 | 228 | 3300118 | 36.612 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 2484850 | 39.975 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.256 | 149 | 4109810 | 40.512 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 26.250 | 276 | 3974576 | 36.587 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.068 | 252 | 3310051 | 36.547 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.121 | 252 | 3373514 | 36.879 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.686 | 252 | 2826818 | 37.200 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.268 | 278 | 3343600 | 36.770 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.003 | 276 | 3224997 | 36.635 | ng | | 99 |

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

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