Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011422\
Data File : BP008809.D
Acq On : 14 Jan 2022 15:33
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/17/2022
Supervised By :Jagrut Upadhyay 01/17/2022

Quant Time: Jan 14 16:09:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 16:06:16 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.857 | 152 | 324714 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.657 | 136 | 1268154 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.498 | 164 | 801278 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 1513989 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.345 | 240 | 1282268 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.762 | 264 | 1324554 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 1481844 | 71.463 | ng | | 0.00 |
| 7) Phenol-d6 | 7.034 | 99 | 1850923 | 66.493 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.016 | 82 | 1616632 | 72.195 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.992 | 330 | 836729 | 61.896 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.122 | 172 | 4285965 | 75.200 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.815 | 244 | 5647057 | 89.746 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.346 | 88 | 287676 | 36.785 | ng | | 97 |
| 3) Pyridine | 3.746 | 79 | 640785 | 34.832 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.652 | 42 | 300435 | 36.651 | ng | | 86 |
| 6) Aniline | 7.181 | 93 | 1152817 | 32.967 | ng | | 99 |
| 8) 2-Chlorophenol | 7.422 | 128 | 804958 | 34.349 | ng | | 98 |
| 9) Benzaldehyde | 6.993 | 77 | 608779 | 32.314 | ng | | 97 |
| 10) Phenol | 7.057 | 94 | 938495 | 32.947 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.281 | 93 | 740460 | 33.537 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.746 | 146 | 946089 | 35.735 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.893 | 146 | 953781 | 35.253 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.210 | 146 | 909882 | 34.681 | ng | | 99 |
| 15) Benzyl Alcohol | 8.098 | 79 | 657539 | 31.797 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.387 | 45 | 838064 | 33.302 | ng | | 99 |
| 17) 2-Methylphenol | 8.304 | 107 | 634527 | 32.312 | ng | | 97 |
| 18) Hexachloroethane | 8.940 | 117 | 329541 | 36.212 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.669 | 70 | 554602 | 30.686 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.640 | 107 | 853439 | 31.322 | ng | | 97 |
| 22) Acetophenone | 8.681 | 105 | 1166327 | 34.856 | ng | # | 97 |
| 24) Nitrobenzene | 9.057 | 77 | 815285 | 35.966 | ng | | 96 |
| 25) Isophorone | 9.592 | 82 | 1480764 | 33.623 | ng | | 99 |
| 26) 2-Nitrophenol | 9.769 | 139 | 437730 | 37.028 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.840 | 122 | 739839 | 34.939 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.069 | 93 | 953186 | 34.712 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.316 | 162 | 801116 | 35.292 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.522 | 180 | 914757 | 36.990 | ng | | 99 |
| 31) Naphthalene | 10.710 | 128 | 2437818 | 35.554 | ng | | 100 |
| 32) Benzoic acid | 10.010 | 122 | 451714 | 31.907 | ng | | 99 |
| 33) 4-Chloroaniline | 10.816 | 127 | 1024537 | 33.293 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.998 | 225 | 574520 | 38.426 | ng | | 99 |
| 35) Caprolactam | 11.616 | 113 | 223897 | 27.756 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.957 | 107 | 731183 | 31.802 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.322 | 142 | 1809895 | 33.550 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.539 | 142 | 1677705 | 33.485 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.692 | 216 | 1036962 | 38.932 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.675 | 237 | 576168 | 36.386 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.933 | 196 | 657509 | 37.076 | ng | | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.010 | 196 | 705277 | 36.180 | ng | 99 |
| 46) | 1,1'-Biphenyl | 13.333 | 154 | 2306359 | 36.924 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.369 | 162 | 1781799 | 37.166 | ng | 99 |
| 48) | 2-Nitroaniline | 13.575 | 65 | 408193 | 34.882 | ng | 97 |
| 49) | Acenaphthylene | 14.216 | 152 | 2711502 | 35.601 | ng | 100 |
| 50) | Dimethylphthalate | 13.957 | 163 | 2107391 | 33.095 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 14.075 | 165 | 459674 | 33.381 | ng | 96 |
| 52) | Acenaphthene | 14.563 | 154 | 1606275 | 35.212 | ng | 100 |
| 53) | 3-Nitroaniline | 14.404 | 138 | 449856 | 32.008 | ng | 98 |
| 54) | 2,4-Dinitrophenol | 14.616 | 184 | 192039 | 27.345 | ng | 92 |
| 55) | Dibenzofuran | 14.892 | 168 | 2605293 | 34.631 | ng | 98 |
| 56) | 4-Nitrophenol | 14.722 | 139 | 331480 | 28.324 | ng | 92 |
| 57) | 2,4-Dinitrotoluene | 14.863 | 165 | 600385 | 31.942 | ng | 93 |
| 58) | Fluorene | 15.545 | 166 | 2074767 | 34.261 | ng | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.127 | 232 | 581866m | 33.216 | ng | |
| 60) | Diethylphthalate | 15.322 | 149 | 2013303 | 32.607 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.539 | 204 | 1135262 | 34.941 | ng | 98 |
| 62) | 4-Nitroaniline | 15.569 | 138 | 437656 | 29.992 | ng | 94 |
| 63) | Azobenzene | 15.833 | 77 | 1713301 | 35.399 | ng | 94 |
| 65) | 4,6-Dinitro-2-methylph... | 15.633 | 198 | 290012 | 34.525 | ng | 94 |
| 66) | n-Nitrosodiphenylamine | 15.757 | 169 | 1769789 | 38.573 | ng | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.439 | 248 | 696492 | 38.882 | ng | 99 |
| 68) | Hexachlorobenzene | 16.563 | 284 | 781640 | 37.504 | ng | 99 |
| 69) | Atrazine | 16.716 | 200 | 658418 | 35.353 | ng | 99 |
| 70) | Pentachlorophenol | 16.910 | 266 | 425371 | 32.694 | ng | 99 |
| 71) | Phenanthrene | 17.292 | 178 | 3036933 | 36.103 | ng | 99 |
| 72) | Anthracene | 17.386 | 178 | 3096901 | 36.050 | ng | 99 |
| 73) | Carbazole | 17.657 | 167 | 2615217 | 33.217 | ng | 99 |
| 74) | Di-n-butylphthalate | 18.210 | 149 | 3238807 | 35.930 | ng | 99 |
| 75) | Fluoranthene | 19.263 | 202 | 3311738 | 32.878 | ng | 97 |
| 77) | Benzidine | 19.439 | 184 | 1821932 | 33.207 | ng | 98 |
| 78) | Pyrene | 19.615 | 202 | 3337135 | 39.802 | ng | 98 |
| 80) | Butylbenzylphthalate | 20.492 | 149 | 1331469 | 38.839 | ng | 98 |
| 81) | Benzo(a)anthracene | 21.327 | 228 | 3081933 | 36.636 | ng | 98 |
| 82) | 3,3'-Dichlorobenzidine | 21.257 | 252 | 1356274 | 35.489 | ng | 99 |
| 83) | Chrysene | 21.380 | 228 | 2995191 | 36.910 | ng | 97 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.257 | 149 | 2076607 | 41.489 | ng | 98 |
| 85) | Di-n-octyl phthalate | 22.186 | 149 | 3189101 | 35.898 | ng | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.297 | 276 | 3886762 | 36.723 | ng | 98 |
| 88) | Benzo(b)fluoranthene | 23.027 | 252 | 3131092 | 36.179 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 23.074 | 252 | 2957276 | 36.511 | ng | 98 |
| 90) | Benzo(a)pyrene | 23.656 | 252 | 3011651 | 36.004 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.315 | 278 | 3318888 | 37.112 | ng | 98 |
| 92) | Benzo(g,h,i)perylene | 27.074 | 276 | 3257097 | 36.691 | ng | 98 |

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

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