Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
Data File : BP008134.D
Acq On : 29 Nov 2021 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 11:30:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.805 | 152 | 151839 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.604 | 136 | 574946 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.451 | 164 | 377117 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 793926 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.310 | 240 | 722658 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.698 | 264 | 676534 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.393 | 112 | 696226 | 73.828 | ng | | -0.01 |
| 7) Phenol-d6 | 6.987 | 99 | 960345 | 75.437 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.969 | 82 | 964084 | 76.251 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.945 | 330 | 366897 | 76.117 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.075 | 172 | 1928984 | 74.298 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.780 | 244 | 2867580 | 82.930 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 153838 | 34.966 | ng | | 98 |
| 3) Pyridine | 3.705 | 79 | 447470m | 38.106 | ng | | |
| 4) n-Nitrosodimethylamine | 3.611 | 42 | 190530 | 38.900 | ng | | 97 |
| 6) Aniline | 7.134 | 93 | 575969 | 38.597 | ng | | 98 |
| 8) 2-Chlorophenol | 7.375 | 128 | 358141 | 37.099 | ng | | 98 |
| 9) Benzaldehyde | 6.946 | 77 | 266409 | 37.502 | ng | | 96 |
| 10) Phenol | 7.011 | 94 | 498226 | 38.085 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.234 | 93 | 402494 | 38.493 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.693 | 146 | 411593 | 36.937 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.840 | 146 | 418794 | 37.070 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.158 | 146 | 397408 | 35.370 | ng | | 97 |
| 15) Benzyl Alcohol | 8.052 | 79 | 400589 | 39.716 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.334 | 45 | 611333 | 38.747 | ng | | 100 |
| 17) 2-Methylphenol | 8.258 | 107 | 321775 | 37.807 | ng | | 99 |
| 18) Hexachloroethane | 8.881 | 117 | 156150 | 37.172 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.622 | 70 | 327259 | 37.151 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.587 | 107 | 449829 | 38.296 | ng | | 98 |
| 22) Acetophenone | 8.634 | 105 | 586767 | 37.311 | ng | # | 99 |
| 24) Nitrobenzene | 9.010 | 77 | 473626 | 38.627 | ng | | 98 |
| 25) Isophorone | 9.540 | 82 | 844667 | 38.186 | ng | | 98 |
| 26) 2-Nitrophenol | 9.716 | 139 | 203926 | 38.547 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.787 | 122 | 297841 | 37.645 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.022 | 93 | 536390 | 38.048 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.257 | 162 | 361911 | 38.300 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.469 | 180 | 410262 | 37.407 | ng | | 97 |
| 31) Naphthalene | 10.651 | 128 | 1085296 | 36.849 | ng | | 99 |
| 32) Benzoic acid | 9.969 | 122 | 267082 | 41.268 | ng | | 96 |
| 33) 4-Chloroaniline | 10.769 | 127 | 449296 | 36.771 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.940 | 225 | 285668 | 38.060 | ng | | 97 |
| 35) Caprolactam | 11.575 | 113 | 79907 | 38.069 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.904 | 107 | 414117 | 38.337 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.269 | 142 | 770152 | 36.971 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.487 | 142 | 750616 | 37.019 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.640 | 216 | 474104 | 38.702 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.622 | 237 | 217669 | 46.217 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.887 | 196 | 322967 | 38.913 | ng | | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.957 | 196 | 343626 | 38.638 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.287 | 154 | 1027609 | 37.557 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.322 | 162 | 818371 | 37.874 | ng | 99 |
| 48) 2-Nitroaniline | 13.534 | 65 | 301366 | 40.473 | ng | 97 |
| 49) Acenaphthylene | 14.169 | 152 | 1251776 | 37.551 | ng | 99 |
| 50) Dimethylphthalate | 13.916 | 163 | 1058420 | 37.375 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.034 | 165 | 224245 | 38.155 | ng | 100 |
| 52) Acenaphthene | 14.516 | 154 | 733359 | 36.915 | ng | 98 |
| 53) 3-Nitroaniline | 14.363 | 138 | 231784 | 38.915 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.575 | 184 | 149354 | 42.981 | ng | 96 |
| 55) Dibenzofuran | 14.851 | 168 | 1241265 | 36.563 | ng | 99 |
| 56) 4-Nitrophenol | 14.687 | 139 | 186262 | 40.800 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.828 | 165 | 307464 | 38.120 | ng | 99 |
| 58) Fluorene | 15.504 | 166 | 925737 | 33.563 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.081 | 232 | 304659m | 38.523 | ng | |
| 60) Diethylphthalate | 15.281 | 149 | 1051254 | 37.408 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.498 | 204 | 512262 | 33.860 | ng | 100 |
| 62) 4-Nitroaniline | 15.534 | 138 | 234883 | 38.004 | ng | 97 |
| 63) Azobenzene | 15.792 | 77 | 1105574 | 38.461 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 198 | 213530 | 41.120 | ng | 92 |
| 66) n-Nitrosodiphenylamine | 15.716 | 169 | 862376 | 37.499 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248 | 335917 | 38.050 | ng | 99 |
| 68) Hexachlorobenzene | 16.516 | 284 | 358784 | 38.019 | ng | 97 |
| 69) Atrazine | 16.675 | 200 | 216466 | 36.267 | ng | 99 |
| 70) Pentachlorophenol | 16.863 | 266 | 230437 | 41.065 | ng | 96 |
| 71) Phenanthrene | 17.251 | 178 | 1531950 | 36.547 | ng | 100 |
| 72) Anthracene | 17.345 | 178 | 1532456 | 36.838 | ng | 99 |
| 73) Carbazole | 17.616 | 167 | 1474429 | 36.308 | ng | 99 |
| 74) Di-n-butylphthalate | 18.175 | 149 | 1774707 | 34.911 | ng | 100 |
| 75) Fluoranthene | 19.227 | 202 | 1839359 | 32.573 | ng | 99 |
| 77) Benzidine | 19.404 | 184 | 449998 | 45.395 | ng | 98 |
| 78) Pyrene | 19.580 | 202 | 1884921 | 41.193 | ng | 99 |
| 80) Butylbenzylphthalate | 20.457 | 149 | 799904 | 38.871 | ng | 97 |
| 81) Benzo(a)anthracene | 21.292 | 228 | 1791597 | 37.407 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.227 | 252 | 760033 | 33.681 | ng | 97 |
| 83) Chrysene | 21.345 | 228 | 1691356 | 37.111 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 1046971 | 33.509 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.145 | 149 | 1887911 | 35.570 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.198 | 276 | 1610913 | 32.730 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.974 | 252 | 1610740 | 39.494 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.021 | 252 | 1537983 | 38.518 | ng | 99 |
| 90) Benzo(a)pyrene | 23.598 | 252 | 1309699 | 37.573 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.215 | 278 | 1343221 | 32.861 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.956 | 276 | 1318409 | 31.971 | ng | 98 |

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

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