Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006215.D
Acq On : 14 Jul 2021 13:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 13:35:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
mohammad
7/15/2021 11:33:11 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 204153 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.651 | 136 | 791200 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.487 | 164 | 404940 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.239 | 188 | 740784 | 20.000 | ng | | #-0.01 |
| 76) Chrysene-d12 | 21.321 | 240 | 680687 | 20.000 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.698 | 264 | 792374 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.428 | 112 | 1004468 | 84.659 | ng | | -0.01 |
| 7) Phenol-d6 | 7.040 | 99 | 1320216 | 84.122 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.022 | 82 | 1079137 | 86.152 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.986 | 330 | 392502 | 81.414 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.110 | 172 | 2516545 | 91.873 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.792 | 244 | 2932687 | 84.946 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 195637 | 42.024 | ng | | 92 |
| 3) Pyridine | 3.716 | 79 | 520595 | 44.011 | ng | # | 90 |
| 4) n-Nitrosodimethylamine | 3.622 | 42 | 204054 | 43.859 | ng | # | 86 |
| 6) Aniline | 7.181 | 93 | 694079 | 41.916 | ng | | 99 |
| 8) 2-Chlorophenol | 7.422 | 128 | 579113 | 41.674 | ng | | 98 |
| 9) Benzaldehyde | 6.999 | 77 | 356286 | 41.596 | ng | | 93 |
| 10) Phenol | 7.063 | 94 | 637777 | 42.313 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.281 | 93 | 481238 | 42.252 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.734 | 146 | 614586 | 41.276 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.887 | 146 | 621648 | 40.880 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.199 | 146 | 599917 | 41.440 | ng | | 99 |
| 15) Benzyl Alcohol | 8.104 | 79 | 401390m | 42.305 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.387 | 45 | 565328 | 41.793 | ng | | 89 |
| 17) 2-Methylphenol | 8.316 | 107 | 434918 | 42.416 | ng | | 94 |
| 18) Hexachloroethane | 8.922 | 117 | 210687 | 41.618 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.663 | 70 | 365045 | 42.666 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.646 | 107 | 600651 | 43.359 | ng | | 92 |
| 22) Acetophenone | 8.687 | 105 | 763753 | 42.411 | ng | # | 98 |
| 24) Nitrobenzene | 9.063 | 77 | 544819 | 43.007 | ng | | 92 |
| 25) Isophorone | 9.593 | 82 | 1015070 | 42.689 | ng | | 95 |
| 26) 2-Nitrophenol | 9.775 | 139 | 312361 | 44.354 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 9.840 | 122 | 447335 | 43.030 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.069 | 93 | 567551 | 43.069 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.322 | 162 | 492634 | 43.129 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.516 | 180 | 507932 | 41.766 | ng | | 98 |
| 31) Naphthalene | 10.698 | 128 | 1717180 | 41.633 | ng | | 100 |
| 32) Benzoic acid | 10.051 | 122 | 328675 | 42.547 | ng | | 92 |
| 33) 4-Chloroaniline | 10.828 | 127 | 687420 | 43.175 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.975 | 225 | 276230 | 41.253 | ng | | 97 |
| 35) Caprolactam | 11.646 | 113 | 161845 | 44.948 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 11.969 | 107 | 527528 | 42.768 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.316 | 142 | 1184127 | 41.378 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.534 | 142 | 1117410 | 41.258 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.687 | 216 | 468917 | 46.682 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.651 | 237 | 52003 | 35.844 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.940 | 196 | 346363 | 47.661 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006215.D
Acq On : 14 Jul 2021 13:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 13:35:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
mohammad
7/15/2021 11:33:11 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.028 | 196 | 372303 | 47.750 | ng | # | 97 |
| 46) 1,1'-Biphenyl | 13.322 | 154 | 1352900 | 44.502 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.369 | 162 | 1040024 | 44.469 | ng | | 98 |
| 48) 2-Nitroaniline | 13.587 | 65 | 272404 | 46.872 | ng | | 95 |
| 49) Acenaphthylene | 14.210 | 152 | 1593074 | 42.302 | ng | | 99 |
| 50) Dimethylphthalate | 13.951 | 163 | 1211028 | 41.589 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.081 | 165 | 280207 | 42.683 | ng | | 98 |
| 52) Acenaphthene | 14.551 | 154 | 958628 | 41.847 | ng | | 99 |
| 53) 3-Nitroaniline | 14.416 | 138 | 293521 | 44.131 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.651 | 184 | 123972 | 40.837 | ng | | 96 |
| 55) Dibenzofuran | 14.887 | 168 | 1494669 | 41.913 | ng | | 97 |
| 56) 4-Nitrophenol | 14.775 | 139 | 174395 | 38.120 | ng | | 85 |
| 57) 2,4-Dinitrotoluene | 14.881 | 165 | 390533 | 44.170 | ng | # | 95 |
| 58) Fluorene | 15.539 | 166 | 1192644 | 41.629 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.128 | 232 | 256568 | 42.055 | ng | # | 73 |
| 60) Diethylphthalate | 15.310 | 149 | 1258112 | 42.130 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.528 | 204 | 518494 | 41.283 | ng | | 90 |
| 62) 4-Nitroaniline | 15.581 | 138 | 279277 | 41.528 | ng | # | 85 |
| 63) Azobenzene | 15.822 | 77 | 1085267 | 43.532 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 198 | 194806 | 40.989 | ng | | 87 |
| 66) n-Nitrosodiphenylamine | 15.745 | 169 | 1034908 | 42.905 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248 | 303229 | 41.523 | ng | # | 88 |
| 68) Hexachlorobenzene | 16.545 | 284 | 354142 | 40.855 | ng | # | 92 |
| 69) Atrazine | 16.704 | 200 | 324670 | 42.874 | ng | | 92 |
| 70) Pentachlorophenol | 16.904 | 266 | 168326 | 42.074 | ng | | 98 |
| 71) Phenanthrene | 17.281 | 178 | 1755312 | 41.957 | ng | | 99 |
| 72) Anthracene | 17.375 | 178 | 1744917 | 42.574 | ng | | 100 |
| 73) Carbazole | 17.651 | 167 | 1746326 | 42.999 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.192 | 149 | 2130575 | 43.582 | ng | | 99 |
| 75) Fluoranthene | 19.251 | 202 | 1876275 | 40.920 | ng | | 95 |
| 77) Benzidine | 19.433 | 184 | 880927 | 43.645 | ng | | 100 |
| 78) Pyrene | 19.604 | 202 | 1943871 | 42.251 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.463 | 149 | 1000772 | 43.853 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.304 | 228 | 1811455 | 42.076 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.239 | 252 | 536115 | 42.450 | ng | # | 98 |
| 83) Chrysene | 21.357 | 228 | 1776608 | 41.757 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.216 | 149 | 1490903 | 44.261 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.121 | 149 | 2674831 | 45.087 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.209 | 276 | 2478523 | 42.427 | ng | # | 88 |
| 88) Benzo(b)fluoranthene | 22.974 | 252 | 2062232 | 42.905 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 23.021 | 252 | 1962501 | 41.773 | ng | # | 96 |
| 90) Benzo(a)pyrene | 23.598 | 252 | 1894548 | 42.004 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 26.215 | 278 | 2143220 | 42.606 | ng | # | 93 |
| 92) Benzo(g,h,i)perylene | 26.980 | 276 | 2073716 | 41.888 | ng | # | 88 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
Data File : BP006215.D
Acq On : 14 Jul 2021 13:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 13:35:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
mohammad
7/15/2021 11:33:11 AM