Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
Data File : BP005348.D
Acq On : 20 Apr 2021 10:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 20 12:04:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 12:00:16 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
mohammad
4/21/2021 11:25:55 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.646 | 152 | 23651 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.434 | 136 | 34266 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.310 | 164 | 27829 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.069 | 188 | 76199 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.174 | 240 | 126062 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.427 | 264 | 130577 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.246 | 112 | 63355 | 40.15 | ng | | 0.00 |
| 7) Phenol-d6 | 6.834 | 99 | 73938 | 39.26 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.804 | 82 | 56881 | 45.79 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.810 | 330 | 27416 | 56.03 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.922 | 172 | 82388 | 39.15 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.645 | 244 | 267830 | 41.20 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.187 | 88 | 21793 | 20.77 | ng | | 96 |
| 3) Pyridine | 3.593 | 79 | 47630 | 22.47 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.499 | 42 | 14382 | 18.48 | ng | # | 33 |
| 6) Aniline | 6.987 | 93 | 29901 | 18.12 | ng | | 95 |
| 8) 2-Chlorophenol | 7.216 | 128 | 29867 | 20.21 | ng | | 97 |
| 9) Benzaldehyde | 6.799 | 77 | 19599 | 23.36 | ng | | 95 |
| 10) Phenol | 6.857 | 94 | 36415 | 19.41 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.081 | 93 | 26881 | 19.57 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.534 | 146 | 39435 | 20.69 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.681 | 146 | 38427 | 21.01 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.993 | 146 | 35907 | 20.82 | ng | | 97 |
| 15) Benzyl Alcohol | 7.899 | 79 | 14415 | 17.66 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.175 | 45 | 14056 | 16.83 | ng | | 98 |
| 17) 2-Methylphenol | 8.104 | 107 | 16732 | 18.38 | ng | | 95 |
| 18) Hexachloroethane | 8.710 | 117 | 13995 | 20.32 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.452 | 70 | 14232 | 17.14 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.434 | 107 | 19048 | 17.28 | ng | | 97 |
| 22) Acetophenone | 8.475 | 105 | 37833 | 23.51 | ng | | 98 |
| 24) Nitrobenzene | 8.852 | 77 | 27084 | 22.24 | ng | | 95 |
| 25) Isophorone | 9.375 | 82 | 24502 | 18.90 | ng | | 96 |
| 26) 2-Nitrophenol | 9.557 | 139 | 7462 | 22.56 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 9.628 | 122 | 10373 | 21.40 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.857 | 93 | 12369 | 18.70 | ng | # | 89 |
| 29) 2,4-Dichlorophenol | 10.093 | 162 | 12360 | 21.24 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.299 | 180 | 18063 | 22.52 | ng | | 96 |
| 31) Naphthalene | 10.481 | 128 | 40506 | 20.08 | ng | | 98 |
| 32) Benzoic acid | 9.763 | 122 | 7103 | 21.49 | ng | | 96 |
| 33) 4-Chloroaniline | 10.610 | 127 | 12452 | 19.09 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.757 | 225 | 17233 | 24.98 | ng | | 94 |
| 35) Caprolactam | 11.393 | 113 | 2715m | 19.14 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.745 | 107 | 10181 | 17.61 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.110 | 142 | 23520 | 19.02 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.328 | 142 | 23146 | 19.27 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.481 | 216 | 20842 | 20.25 | ng | | 96 |
| 41) Hexachlorocyclopentadiene | 12.451 | 237 | 6572 | 20.60 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.734 | 196 | 10483 | 19.22 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
Data File : BP005348.D
Acq On : 20 Apr 2021 10:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 20 12:04:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 12:00:16 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
mohammad
4/21/2021 11:25:55 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.816 | 196 | 12153 | 20.15 | ng | # | 94 |
| 46) 1,1'-Biphenyl | 13.134 | 154 | 36522 | 18.44 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.175 | 162 | 31273 | 19.39 | ng | | 95 |
| 48) 2-Nitroaniline | 13.392 | 65 | 6554 | 16.14 | ng | # | 83 |
| 49) Acenaphthylene | 14.028 | 152 | 47726 | 19.54 | ng | | 99 |
| 50) Dimethylphthalate | 13.775 | 163 | 33774 | 18.68 | ng | # | 95 |
| 51) 2,6-Dinitrotoluene | 13.898 | 165 | 9126 | 19.88 | ng | | 83 |
| 52) Acenaphthene | 14.369 | 154 | 31481 | 19.34 | ng | | 96 |
| 53) 3-Nitroaniline | 14.234 | 138 | 6467 | 17.18 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 14.451 | 184 | 5503 | 21.44 | ng | | 89 |
| 55) Dibenzofuran | 14.710 | 168 | 63989 | 21.74 | ng | | 99 |
| 56) 4-Nitrophenol | 14.569 | 139 | 5357 | 18.46 | ng | # | 87 |
| 57) 2,4-Dinitrotoluene | 14.698 | 165 | 14119 | 20.15 | ng | | 94 |
| 58) Fluorene | 15.363 | 166 | 50482 | 20.97 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.945 | 232 | 15746 | 24.23 | ng | | 97 |
| 60) Diethylphthalate | 15.145 | 149 | 35880 | 19.30 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.363 | 204 | 31715 | 23.28 | ng | | 96 |
| 62) 4-Nitroaniline | 15.404 | 138 | 7028 | 18.17 | ng | # | 81 |
| 63) Azobenzene | 15.657 | 77 | 55612 | 20.84 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 198 | 10540 | 21.20 | ng | | 100 |
| 66) n-Nitrosodiphenylamine | 15.581 | 169 | 40192 | 18.86 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248 | 20831 | 22.26 | ng | | 95 |
| 68) Hexachlorobenzene | 16.369 | 284 | 27946 | 23.48 | ng | | 96 |
| 69) Atrazine | 16.545 | 200 | 15966 | 20.90 | ng | | 92 |
| 70) Pentachlorophenol | 16.728 | 266 | 13157 | 22.77 | ng | | 97 |
| 71) Phenanthrene | 17.110 | 178 | 96595 | 21.08 | ng | | 98 |
| 72) Anthracene | 17.204 | 178 | 91033 | 21.03 | ng | | 99 |
| 73) Carbazole | 17.486 | 167 | 79579 | 20.31 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.039 | 149 | 61857 | 17.72 | ng | | 97 |
| 75) Fluoranthene | 19.098 | 202 | 118960 | 21.31 | ng | | 98 |
| 77) Benzidine | 19.286 | 184 | 29421 | 17.74 | ng | | 98 |
| 78) Pyrene | 19.451 | 202 | 130366 | 18.90 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.327 | 149 | 27563 | 17.12 | ng | | 91 |
| 81) Benzo(a)anthracene | 21.157 | 228 | 160319 | 20.22 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.092 | 252 | 38502 | 19.60 | ng | | 94 |
| 83) Chrysene | 21.210 | 228 | 161327 | 20.44 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.080 | 149 | 39415 | 15.61 | ng | # | 91 |
| 85) Di-n-octyl phthalate | 21.957 | 149 | 77214 | 16.49 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.739 | 276 | 220298 | 21.55 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 22.745 | 252 | 185413 | 20.78 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.792 | 252 | 175202m | 20.48 | ng | | |
| 90) Benzo(a)pyrene | 23.327 | 252 | 166368 | 20.77 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.745 | 278 | 193224 | 21.64 | ng | | 100 |
| 92) Benzo(g,h,i)perylene | 26.439 | 276 | 179641 | 21.43 | ng | | 98 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042021\
Data File : BP005348.D
Acq On : 20 Apr 2021 10:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 20 12:04:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 12:00:16 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
mohammad
4/21/2021 11:25:55 AM