Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008960.D
Acq On : 31 Jan 2022 12:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 04:18:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo

02/01/2022
Supervised By :Jagrut Upadhyay

02/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.834 | 152 | 269099 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.634 | 136 | 1091532 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.475 | 164 | 741811 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.233 | 188 | 1557642 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.327 | 240 | 1462919 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.739 | 264 | 1293626 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.422 | 112 | 1385327 | 79.610 | ng | | 0.00 |
| 7) Phenol-d6 | 7.016 | 99 | 1782628 | 84.596 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.998 | 82 | 1593076 | 82.860 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.975 | 330 | 961767 | 89.070 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.098 | 172 | 4342279 | 77.194 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.798 | 244 | 7019163 | 80.988 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 265719 | 37.726 | ng | | 97 |
| 3) Pyridine | 3.728 | 79 | 625230 | 42.384 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.640 | 42 | 287181 | 41.494 | ng | # | 85 |
| 6) Aniline | 7.163 | 93 | 1114889 | 42.390 | ng | | 98 |
| 8) 2-Chlorophenol | 7.404 | 128 | 761764 | 41.103 | ng | | 98 |
| 9) Benzaldehyde | 6.975 | 77 | 555644 | 39.453 | ng | | 98 |
| 10) Phenol | 7.046 | 94 | 913521 | 42.523 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.263 | 93 | 709245 | 41.494 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.722 | 146 | 869324 | 39.389 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.869 | 146 | 886686 | 39.640 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.187 | 146 | 846047 | 39.668 | ng | | 99 |
| 15) Benzyl Alcohol | 8.081 | 79 | 654699 | 44.287 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.369 | 45 | 805071 | 42.118 | ng | | 99 |
| 17) 2-Methylphenol | 8.293 | 107 | 620070 | 43.084 | ng | | 97 |
| 18) Hexachloroethane | 8.910 | 117 | 303280 | 39.947 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.646 | 70 | 552515 | 44.855 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.622 | 107 | 840858 | 44.010 | ng | | 98 |
| 22) Acetophenone | 8.663 | 105 | 1139025 | 40.964 | ng | # | 97 |
| 24) Nitrobenzene | 9.040 | 77 | 802322 | 41.313 | ng | | 97 |
| 25) Isophorone | 9.569 | 82 | 1519068 | 43.720 | ng | | 98 |
| 26) 2-Nitrophenol | 9.751 | 139 | 437775 | 42.878 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.822 | 122 | 730130 | 41.943 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.051 | 93 | 935223 | 41.248 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.293 | 162 | 797003 | 41.956 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.498 | 180 | 880633 | 39.576 | ng | | 100 |
| 31) Naphthalene | 10.687 | 128 | 2393647 | 40.375 | ng | | 100 |
| 32) Benzoic acid | 10.004 | 122 | 495726 | 49.621 | ng | | 97 |
| 33) 4-Chloroaniline | 10.798 | 127 | 1033550 | 42.781 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.975 | 225 | 540066 | 38.847 | ng | | 100 |
| 35) Caprolactam | 11.610 | 113 | 259641 | 49.581 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.940 | 107 | 775080 | 45.227 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.298 | 142 | 1826286 | 42.139 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.516 | 142 | 1687782 | 42.427 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.669 | 216 | 1038375 | 38.391 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.645 | 237 | 534705 | 38.636 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.916 | 196 | 685367 | 40.983 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008960.D
Acq On : 31 Jan 2022 12:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 04:18:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo

02/01/2022
Supervised By :Jagrut Upadhyay

02/01/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.992 | 196 | 743542 | 41.311 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.310 | 154 | 2365613 | 39.196 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.351 | 162 | 1830440 | 39.333 | ng | | 99 |
| 48) 2-Nitroaniline | 13.557 | 65 | 469482 | 45.436 | ng | | 94 |
| 49) Acenaphthylene | 14.198 | 152 | 2884722 | 41.029 | ng | | 100 |
| 50) Dimethylphthalate | 13.939 | 163 | 2324381 | 42.190 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.057 | 165 | 512194 | 43.835 | ng | | 92 |
| 52) Acenaphthene | 14.539 | 154 | 1719290 | 41.229 | ng | | 99 |
| 53) 3-Nitroaniline | 14.386 | 138 | 523511 | 45.557 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.610 | 184 | 216766 | 45.871 | ng | | 95 |
| 55) Dibenzofuran | 14.875 | 168 | 2813108 | 41.399 | ng | | 98 |
| 56) 4-Nitrophenol | 14.722 | 139 | 375971 | 45.435 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.851 | 165 | 707659 | 47.085 | ng | # | 89 |
| 58) Fluorene | 15.528 | 166 | 2286241 | 42.598 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.110 | 232 | 644264m | 43.454 | ng | | |
| 60) Diethylphthalate | 15.304 | 149 | 2290543 | 43.817 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.522 | 204 | 1221659 | 41.785 | ng | | 99 |
| 62) 4-Nitroaniline | 15.557 | 138 | 534493 | 48.026 | ng | | 91 |
| 63) Azobenzene | 15.816 | 77 | 1901542 | 43.814 | ng | | 95 |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 198 | 357108 | 45.888 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.739 | 169 | 2022288 | 40.339 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248 | 782075 | 40.209 | ng | | 99 |
| 68) Hexachlorobenzene | 16.539 | 284 | 889190 | 39.895 | ng | | 96 |
| 69) Atrazine | 16.698 | 200 | 797220 | 42.793 | ng | | 99 |
| 70) Pentachlorophenol | 16.892 | 266 | 515926 | 43.457 | ng | | 99 |
| 71) Phenanthrene | 17.275 | 178 | 3619482 | 41.271 | ng | | 100 |
| 72) Anthracene | 17.369 | 178 | 3734995 | 42.454 | ng | | 99 |
| 73) Carbazole | 17.639 | 167 | 3284938 | 43.424 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.192 | 149 | 3952656 | 43.418 | ng | | 99 |
| 75) Fluoranthene | 19.245 | 202 | 4253622 | 43.615 | ng | | 98 |
| 77) Benzidine | 19.427 | 184 | 2209807 | 42.758 | ng | | 98 |
| 78) Pyrene | 19.598 | 202 | 4372238 | 42.833 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.468 | 149 | 1766144 | 43.021 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.310 | 228 | 3995483 | 40.597 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.245 | 252 | 1629888 | 38.333 | ng | | 98 |
| 83) Chrysene | 21.363 | 228 | 3845855 | 40.310 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 2512269 | 39.516 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.162 | 149 | 4127943 | 38.382 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.262 | 276 | 3855819 | 36.172 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.004 | 252 | 3738080 | 43.269 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.051 | 252 | 3651711 | 43.667 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.633 | 252 | 3501126 | 41.986 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.274 | 278 | 3257110 | 35.934 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 27.033 | 276 | 3145412 | 35.542 | ng | | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008960.D
Acq On : 31 Jan 2022 12:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 04:18:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo