Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013612.D
Acq On : 27 Jan 2023 11:45
Operator : CG/JU
Sample : PB150456BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 23:48:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB150456BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.158 | 152 | 200490 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.987 | 136 | 706794 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.793 | 164 | 376335 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.545 | 188 | 705429 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.627 | 240 | 619854 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.216 | 264 | 730195 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.687 | 112 | 1615076 | 144.354 | ng | | 0.00 |
| 7) Phenol-d6 | 7.299 | 99 | 1943859 | 128.613 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.328 | 82 | 1129994 | 87.848 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.281 | 330 | 637388 | 111.244 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.416 | 172 | 2553972 | 96.925 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.075 | 244 | 3111769 | 88.588 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.528 | 88 | 200877 | 40.722 | ng | | 98 |
| 3) Pyridine | 3.940 | 79 | 522040 | 37.230 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.846 | 42 | 236554 | 43.166 | ng | | 97 |
| 6) Aniline | 7.469 | 93 | 690413 | 34.468 | ng | | 99 |
| 8) 2-Chlorophenol | 7.711 | 128 | 572326 | 48.188 | ng | | 98 |
| 9) Benzaldehyde | 7.281 | 77 | 275794m | 27.322 | ng | | |
| 10) Phenol | 7.328 | 94 | 705756 | 44.578 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.563 | 93 | 588800 | 44.909 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.046 | 146 | 665436 | 48.537 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.193 | 146 | 672644 | 48.384 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.511 | 146 | 644229 | 49.220 | ng | | 99 |
| 15) Benzyl Alcohol | 8.393 | 79 | 467142m | 39.804 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.681 | 45 | 669991 | 45.348 | ng | | 99 |
| 17) 2-Methylphenol | 8.593 | 107 | 467872 | 40.954 | ng | | 98 |
| 18) Hexachloroethane | 9.252 | 117 | 236360 | 47.457 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.969 | 70 | 386834 | 39.384 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.922 | 107 | 607290 | 38.790 | ng | | 98 |
| 22) Acetophenone | 8.987 | 105 | 810871 | 45.451 | ng | # | 98 |
| 24) Nitrobenzene | 9.369 | 77 | 594650 | 44.172 | ng | | 100 |
| 25) Isophorone | 9.899 | 82 | 1114092 | 39.540 | ng | | 100 |
| 26) 2-Nitrophenol | 10.087 | 139 | 249588 | 43.159 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.140 | 122 | 468917 | 43.803 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.381 | 93 | 698360 | 43.562 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.622 | 162 | 519650 | 43.136 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.846 | 180 | 633431 | 47.425 | ng | | 98 |
| 31) Naphthalene | 11.034 | 128 | 1604887 | 44.685 | ng | | 100 |
| 32) Benzoic acid | 10.257 | 122 | 271586 | 34.801 | ng | | 92 |
| 33) 4-Chloroaniline | 11.140 | 127 | 250365 | 16.057 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.322 | 225 | 418153 | 46.563 | ng | | 98 |
| 35) Caprolactam | 11.916 | 113 | 110995 | 32.133 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.246 | 107 | 465708 | 36.466 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.628 | 142 | 1078089 | 39.277 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.846 | 142 | 992045 | 38.615 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.993 | 216 | 675673 | 51.535 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.975 | 237 | 817570 | 120.695 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.222 | 196 | 405485 | 46.221 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013612.D
Acq On : 27 Jan 2023 11:45
Operator : CG/JU
Sample : PB150456BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 23:48:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB150456BSD

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 01/30/2023
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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.293 | 196 | 418161 | 40.759 | ng | 98 |
| 46) | 1,1'-Biphenyl | 13.628 | 154 | 1369518 | 48.835 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.669 | 162 | 1063800 | 49.707 | ng | 99 |
| 48) | 2-Nitroaniline | 13.869 | 65 | 159113 | 32.379 | ng | 96 |
| 49) | Acenaphthylene | 14.516 | 152 | 1578964 | 44.730 | ng | 99 |
| 50) | Dimethylphthalate | 14.240 | 163 | 1164046 | 39.821 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 14.357 | 165 | 210543 | 36.044 | ng | 97 |
| 52) | Acenaphthene | 14.857 | 154 | 1059667m | 46.903 | ng | |
| 53) | 3-Nitroaniline | 14.687 | 138 | 129043 | 23.787 | ng | 96 |
| 54) | 2,4-Dinitrophenol | 14.887 | 184 | 247646 | 68.945 | ng | 97 |
| 55) | Dibenzofuran | 15.187 | 168 | 1492296 | 42.174 | ng | 98 |
| 56) | 4-Nitrophenol | 14.981 | 139 | 372392 | 78.152 | ng | 93 |
| 57) | 2,4-Dinitrotoluene | 15.140 | 165 | 270973 | 34.685 | ng | 98 |
| 58) | Fluorene | 15.840 | 166 | 1108169 | 40.954 | ng | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.410 | 232 | 351225 | 39.518 | ng | 99 |
| 60) | Diethylphthalate | 15.598 | 149 | 1038641 | 38.907 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.828 | 204 | 615305 | 40.270 | ng | 97 |
| 62) | 4-Nitroaniline | 15.851 | 138 | 175660 | 33.653 | ng | 92 |
| 63) | Azobenzene | 16.122 | 77 | 1062767 | 39.072 | ng | 98 |
| 65) | 4,6-Dinitro-2-methylph... | 15.904 | 198 | 141856 | 37.399 | ng | 97 |
| 66) | n-Nitrosodiphenylamine | 16.040 | 169 | 946064 | 48.676 | ng | 97 |
| 67) | 4-Bromophenyl-phenylether | 16.728 | 248 | 380366 | 46.780 | ng | 98 |
| 68) | Hexachlorobenzene | 16.845 | 284 | 440644 | 49.579 | ng | 97 |
| 69) | Atrazine | 16.992 | 200 | 289369 | 48.705 | ng | 99 |
| 70) | Pentachlorophenol | 17.187 | 266 | 545143 | 78.925 | ng | 99 |
| 71) | Phenanthrene | 17.586 | 178 | 1710219 | 47.270 | ng | 99 |
| 72) | Anthracene | 17.681 | 178 | 1704453 | 46.624 | ng | 100 |
| 73) | Carbazole | 17.939 | 167 | 1485913 | 45.614 | ng | 99 |
| 74) | Di-n-butylphthalate | 18.481 | 149 | 1284669 | 43.327 | ng | 99 |
| 75) | Fluoranthene | 19.539 | 202 | 1927098 | 42.705 | ng | 99 |
| 77) | Benzidine | 19.710 | 184 | 319641 | 49.185 | ng | 98 |
| 78) | Pyrene | 19.892 | 202 | 2024646 | 42.205 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.745 | 149 | 227374 | 35.981 | ng | 97 |
| 81) | Benzo(a)anthracene | 21.610 | 228 | 1975559 | 45.260 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.533 | 252 | 380831 | 36.355 | ng | 98 |
| 83) | Chrysene | 21.669 | 228 | 1851795 | 45.151 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.516 | 149 | 379922 | 39.142 | ng | 100 |
| 85) | Di-n-octyl phthalate | 22.504 | 149 | 726218 | 45.302 | ng | 98 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.957 | 276 | 2954999 | 57.563 | ng | 99 |
| 88) | Benzo(b)fluoranthene | 23.421 | 252 | 2173180 | 46.357 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 23.474 | 252 | 2096879 | 45.057 | ng | 99 |
| 90) | Benzo(a)pyrene | 24.104 | 252 | 1940884 | 43.987 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.974 | 278 | 2464687 | 57.700 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 27.792 | 276 | 2488137 | 59.158 | ng | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013612.D
Acq On : 27 Jan 2023 11:45
Operator : CG/JU
Sample : PB150456BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 23:48:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
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**Instrument :**
BNA_P
**ClientSampleId :**
PB150456BSD

**Manual Integrations APPROVED**

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