Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
Data File : BF131826.D
Acq On : 24 Dec 2022 15:35
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 26 04:38:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 04:31:10 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.834 | 152 | 76108 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.128 | 136 | 251276 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.892 | 164 | 151284 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.386 | 188 | 296782 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 216611 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.521 | 264 | 143252 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.440 | 112 | 540020 | 118.372 | ng | | 0.00 |
| 7) Phenol-d6 | 6.475 | 99 | 709600 | 118.697 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.416 | 82 | 767063 | 115.412 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 202506 | 120.481 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.216 | 172 | 1280779 | 106.746 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 1609045 | 101.872 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.528 | 88 | 124443 | 60.433 | ng | | 98 |
| 3) Pyridine | 3.281 | 79 | 364697 | 63.791 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.263 | 42 | 170456 | 54.062 | ng | | 98 |
| 6) Aniline | 6.504 | 93 | 429570 | 60.082 | ng | | 98 |
| 8) 2-Chlorophenol | 6.622 | 128 | 285233 | 58.998 | ng | | 94 |
| 9) Benzaldehyde | 6.387 | 77 | 204384 | 49.906 | ng | | 99 |
| 10) Phenol | 6.487 | 94 | 421718 | 63.242 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.575 | 93 | 303839 | 60.785 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.775 | 146 | 320361 | 57.154 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.857 | 146 | 329875 | 58.346 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.010 | 146 | 301367 | 55.800 | ng | | 98 |
| 15) Benzyl Alcohol | 6.987 | 79 | 310961 | 56.737 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.116 | 45 | 379421 | 58.762 | ng | | 99 |
| 17) 2-Methylphenol | 7.098 | 107 | 262642 | 60.279 | ng | | 98 |
| 18) Hexachloroethane | 7.351 | 117 | 131674 | 57.734 | ng | | 90 |
| 19) n-Nitroso-di-n-propyla... | 7.263 | 70 | 246763 | 55.048 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.257 | 107 | 334444 | 56.355 | ng | | 96 |
| 22) Acetophenone | 7.257 | 105 | 446368 | 56.686 | ng | # | 98 |
| 24) Nitrobenzene | 7.434 | 77 | 385915 | 57.570 | ng | | 98 |
| 25) Isophorone | 7.675 | 82 | 633862 | 59.209 | ng | | 100 |
| 26) 2-Nitrophenol | 7.745 | 139 | 153825 | 67.291 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.786 | 122 | 214922 | 61.339 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.881 | 93 | 333963 | 60.303 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.992 | 162 | 260523 | 60.134 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.069 | 180 | 301837 | 56.811 | ng | | 100 |
| 31) Naphthalene | 8.151 | 128 | 828005 | 58.505 | ng | | 99 |
| 32) Benzoic acid | 7.934 | 122 | 180943m | 71.307 | ng | | |
| 33) 4-Chloroaniline | 8.204 | 127 | 322392 | 60.772 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.263 | 225 | 206105 | 55.043 | ng | | 99 |
| 35) Caprolactam | 8.604 | 113 | 78839m | 70.348 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.692 | 107 | 291654 | 59.951 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.845 | 142 | 555203 | 57.363 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.945 | 142 | 545418 | 58.702 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.010 | 216 | 311506 | 55.624 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 8.992 | 237 | 137474 | 48.364 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.128 | 196 | 202269 | 58.393 | ng | | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
Data File : BF131826.D
Acq On : 24 Dec 2022 15:35
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 26 04:38:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 04:31:10 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.169 | 196 | 218507 | 58.656 | ng | 97 |
| 46) | 1,1'-Biphenyl | 9.316 | 154 | 674064 | 56.354 | ng | 98 |
| 47) | 2-Chloronaphthalene | 9.339 | 162 | 558960 | 57.356 | ng | 99 |
| 48) | 2-Nitroaniline | 9.439 | 65 | 214407 | 62.107 | ng | 93 |
| 49) | Acenaphthylene | 9.757 | 152 | 833074 | 58.220 | ng | 100 |
| 50) | Dimethylphthalate | 9.622 | 163 | 675818 | 58.600 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 9.686 | 165 | 147141 | 61.801 | ng | 99 |
| 52) | Acenaphthene | 9.928 | 154 | 512274 | 53.440 | ng | 98 |
| 53) | 3-Nitroaniline | 9.863 | 138 | 155321 | 67.994 | ng | 88 |
| 54) | 2,4-Dinitrophenol | 9.963 | 184 | 93585 | 78.307 | ng | 94 |
| 55) | Dibenzofuran | 10.104 | 168 | 773188 | 57.086 | ng | 100 |
| 56) | 4-Nitrophenol | 10.022 | 139 | 111595 | 70.322 | ng | 91 |
| 57) | 2,4-Dinitrotoluene | 10.092 | 165 | 205790 | 65.159 | ng | 98 |
| 58) | Fluorene | 10.445 | 166 | 637899 | 57.933 | ng | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.222 | 232 | 181670m | 57.590 | ng | |
| 60) | Diethylphthalate | 10.322 | 149 | 649157 | 58.656 | ng | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 10.439 | 204 | 334632 | 54.994 | ng | 93 |
| 62) | 4-Nitroaniline | 10.480 | 138 | 158697 | 70.106 | ng | 97 |
| 63) | Azobenzene | 10.598 | 77 | 718563 | 56.926 | ng | 97 |
| 65) | 4,6-Dinitro-2-methylph... | 10.504 | 198 | 130757 | 69.561 | ng | 92 |
| 66) | n-Nitrosodiphenylamine | 10.563 | 169 | 540236 | 56.306 | ng | 99 |
| 67) | 4-Bromophenyl-phenylether | 10.927 | 248 | 205837 | 53.914 | ng | 94 |
| 68) | Hexachlorobenzene | 10.992 | 284 | 224791 | 54.433 | ng | 95 |
| 69) | Atrazine | 11.092 | 200 | 167427 | 54.951 | ng | 99 |
| 70) | Pentachlorophenol | 11.186 | 266 | 121952 | 57.362 | ng | 99 |
| 71) | Phenanthrene | 11.416 | 178 | 962874 | 58.207 | ng | 100 |
| 72) | Anthracene | 11.469 | 178 | 950650 | 59.068 | ng | 100 |
| 73) | Carbazole | 11.621 | 167 | 847578 | 64.520 | ng | 99 |
| 74) | Di-n-butylphthalate | 11.951 | 149 | 1022209 | 63.427 | ng | 99 |
| 75) | Fluoranthene | 12.610 | 202 | 1123629 | 65.963 | ng | 99 |
| 77) | Benzidine | 12.727 | 184 | 103224 | 17.785 | ng | 98 |
| 78) | Pyrene | 12.839 | 202 | 1146715 | 53.688 | ng | 100 |
| 80) | Butylbenzylphthalate | 13.457 | 149 | 427913 | 69.228 | ng | 97 |
| 81) | Benzo(a)anthracene | 14.033 | 228 | 937609 | 59.939 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 13.998 | 252 | 253550 | 56.970 | ng | 96 |
| 83) | Chrysene | 14.074 | 228 | 875546 | 58.874 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 498673 | 66.629 | ng | 99 |
| 85) | Di-n-octyl phthalate | 14.633 | 149 | 644083 | 51.088 | ng | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.033 | 276 | 658919 | 56.362 | ng | 100 |
| 88) | Benzo(b)fluoranthene | 15.092 | 252 | 615521 | 65.193 | ng | 100 |
| 89) | Benzo(k)fluoranthene | 15.121 | 252 | 630914 | 64.022 | ng | 99 |
| 90) | Benzo(a)pyrene | 15.462 | 252 | 493926 | 61.301 | ng | 98 |
| 91) | Dibenzo(a,h)anthracene | 17.051 | 278 | 538302 | 55.946 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 17.492 | 276 | 555082 | 57.401 | ng | 97 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
Data File : BF131826.D
Acq On : 24 Dec 2022 15:35
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 26 04:38:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 04:31:10 2022
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Yogesh Patel 12/28/2022