Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131712.D
Acq On : 20 Dec 2022 14:37
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 02:12:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 91508 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 321968 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 194734 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.416 | 188 | 363251 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.068 | 240 | 219851 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.557 | 264 | 181483 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 638916 | 116.481 | ng | 0.00 |
| 7) Phenol-d6 | 6.510 | 99 | 860822 | 119.760 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 953324 | 111.943 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.722 | 330 | 256621 | 118.611 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 1640145 | 106.197 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.010 | 244 | 1747659 | 109.017 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.599 | 88 | 149949 | 60.564 | ng | 100 |
| 3) Pyridine | 3.357 | 79 | 431573 | 62.784 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.340 | 42 | 197901 | 52.203 | ng | 96 |
| 6) Aniline | 6.540 | 93 | 532932 | 61.995 | ng | 98 |
| 8) 2-Chlorophenol | 6.657 | 128 | 340837 | 58.635 | ng | 97 |
| 9) Benzaldehyde | 6.422 | 77 | 242777 | 49.304 | ng | 99 |
| 10) Phenol | 6.522 | 94 | 509306 | 63.523 | ng | 93 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 369724 | 61.518 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.810 | 146 | 382588 | 56.769 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 6.887 | 146 | 393551 | 57.894 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.039 | 146 | 364223 | 56.089 | ng | 98 |
| 15) Benzyl Alcohol | 7.022 | 79 | 386556 | 58.660 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145 | 45 | 465734 | 59.991 | ng | 97 |
| 17) 2-Methylphenol | 7.128 | 107 | 324889 | 62.017 | ng | 98 |
| 18) Hexachloroethane | 7.381 | 117 | 158293 | 57.725 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 310354 | 57.582 | ng | 99 |
| 20) 3+4-Methylphenols | 7.287 | 107 | 415651 | 58.252 | ng | 98 |
| 22) Acetophenone | 7.292 | 105 | 554443 | 54.951 | ng | 98 |
| 24) Nitrobenzene | 7.463 | 77 | 482534 | 56.179 | ng | 96 |
| 25) Isophorone | 7.704 | 82 | 821398 | 59.880 | ng | 98 |
| 26) 2-Nitrophenol | 7.775 | 139 | 194380 | 66.362 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 269790 | 60.093 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 432085 | 60.890 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 326971 | 58.901 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 382810 | 56.232 | ng | 98 |
| 31) Naphthalene | 8.186 | 128 | 1037664 | 57.221 | ng | 99 |
| 32) Benzoic acid | 7.969 | 122 | 238360m | 73.309 | ng | |
| 33) 4-Chloroaniline | 8.239 | 127 | 411871 | 60.593 | ng | 98 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 256145 | 53.387 | ng | 98 |
| 35) Caprolactam | 8.633 | 113 | 102198m | 71.169 | ng | |
| 36) 4-Chloro-3-methylphenol | 8.722 | 107 | 379456 | 60.874 | ng | 98 |
| 37) 2-Methylnaphthalene | 8.875 | 142 | 716286 | 57.757 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.975 | 142 | 693234 | 58.229 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 400138 | 55.508 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 197090 | 53.866 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 265062 | 59.447 | ng | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131712.D
Acq On : 20 Dec 2022 14:37
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 02:12:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.198 | 196 | 283109 | 59.041 | ng | 98 |
| 46) | 1,1'-Biphenyl | 9.345 | 154 | 871286 | 56.589 | ng | 99 |
| 47) | 2-Chloronaphthalene | 9.369 | 162 | 717300 | 57.181 | ng | 98 |
| 48) | 2-Nitroaniline | 9.469 | 65 | 267689 | 60.240 | ng | 91 |
| 49) | Acenaphthylene | 9.786 | 152 | 1061348 | 57.623 | ng | 99 |
| 50) | Dimethylphthalate | 9.657 | 163 | 871088 | 58.679 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 9.716 | 165 | 191367 | 62.443 | ng | 98 |
| 52) | Acenaphthene | 9.963 | 154 | 650063m | 52.683 | ng | |
| 53) | 3-Nitroaniline | 9.892 | 138 | 192588 | 65.497 | ng | 93 |
| 54) | 2,4-Dinitrophenol | 9.992 | 184 | 120320 | 78.213 | ng | 98 |
| 55) | Dibenzofuran | 10.133 | 168 | 980679 | 56.250 | ng | 99 |
| 56) | 4-Nitrophenol | 10.051 | 139 | 142063 | 69.547 | ng | 95 |
| 57) | 2,4-Dinitrotoluene | 10.122 | 165 | 254312 | 62.556 | ng | 95 |
| 58) | Fluorene | 10.475 | 166 | 809872 | 57.140 | ng | 97 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.251 | 232 | 236131m | 58.153 | ng | |
| 60) | Diethylphthalate | 10.351 | 149 | 822559 | 57.741 | ng | 98 |
| 61) | 4-Chlorophenyl-phenyle... | 10.469 | 204 | 430046 | 54.905 | ng | 94 |
| 62) | 4-Nitroaniline | 10.516 | 138 | 192392 | 66.027 | ng | 99 |
| 63) | Azobenzene | 10.627 | 77 | 906528 | 55.793 | ng | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 10.533 | 198 | 161770 | 70.312 | ng | 87 |
| 66) | n-Nitrosodiphenylamine | 10.592 | 169 | 678516 | 57.777 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 10.957 | 248 | 263609 | 56.412 | ng | 96 |
| 68) | Hexachlorobenzene | 11.022 | 284 | 287927 | 56.964 | ng | 96 |
| 69) | Atrazine | 11.116 | 200 | 211172 | 56.626 | ng | 98 |
| 70) | Pentachlorophenol | 11.216 | 266 | 165007 | 63.412 | ng | 98 |
| 71) | Phenanthrene | 11.445 | 178 | 1171142 | 57.842 | ng | 98 |
| 72) | Anthracene | 11.498 | 178 | 1158284 | 58.800 | ng | 99 |
| 73) | Carbazole | 11.651 | 167 | 1000640 | 62.233 | ng | 99 |
| 74) | Di-n-butylphthalate | 11.974 | 149 | 1243053 | 63.016 | ng | 100 |
| 75) | Fluoranthene | 12.633 | 202 | 1276596 | 61.230 | ng | 98 |
| 77) | Benzidine | 12.757 | 184 | 142469 | 24.186 | ng | 97 |
| 78) | Pyrene | 12.868 | 202 | 1269056 | 58.540 | ng | 99 |
| 80) | Butylbenzylphthalate | 13.480 | 149 | 443656 | 70.718 | ng | 98 |
| 81) | Benzo(a)anthracene | 14.057 | 228 | 947535 | 59.681 | ng | 98 |
| 82) | 3,3'-Dichlorobenzidine | 14.021 | 252 | 250231 | 55.395 | ng | 98 |
| 83) | Chrysene | 14.098 | 228 | 894276 | 59.247 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.039 | 149 | 526248 | 69.277 | ng | 100 |
| 85) | Di-n-octyl phthalate | 14.657 | 149 | 757641 | 59.209 | ng | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.080 | 276 | 810388 | 54.716 | ng | 100 |
| 88) | Benzo(b)fluoranthene | 15.121 | 252 | 788731 | 65.941 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 15.157 | 252 | 719670 | 57.644 | ng | 98 |
| 90) | Benzo(a)pyrene | 15.498 | 252 | 623584 | 61.089 | ng | 100 |
| 91) | Dibenzo(a,h)anthracene | 17.098 | 278 | 661418 | 54.261 | ng | 99 |
| 92) | Benzo(g,h,i)perylene | 17.539 | 276 | 660280 | 53.896 | ng | 100 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131712.D
Acq On : 20 Dec 2022 14:37
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 02:12:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 02:06:48 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022