Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012819.D
Acq On : 28 Nov 2022 16:30
Operator : CG/JU
Sample : N5659-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ESQT8MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 28 22:41:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.016 | 152 | 456429 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.834 | 136 | 1911408 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.651 | 164 | 1087457 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.404 | 188 | 1805091 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.492 | 240 | 1413402 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.010 | 264 | 1535552 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.399 | 96 | 72685 | 6.824 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.822 | 84 | 237595 | 7.454 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.163 | 99 | 1440485 | 38.407 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.340 | 67 | 890989 | 38.552 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.546 | 132 | 1163652 | 40.717 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.722 | 113 | 1153738 | 38.179 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.181 | 128 | 548431 | 46.879 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.910 | 143 | 604184 | 48.638 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.446 | 165 | 1194937 | 41.227 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.963 | 131 | 1230462 | 31.002 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.057 | 166 | 3062707 | 40.917 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.345 | 160 | 3696310 | 42.323 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.834 | 143 | 478940 | 35.889 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.645 | 176 | 2643084 | 40.320 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200 | 395158 | 45.803 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.510 | 188 | 3565398 | 44.871 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.733 | 212 | 3550836 | 43.236 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.845 | 264 | 3607756 | 47.832 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.434 | 88 | 140517 | 12.284 | ng/uL | 97 |
| 5) Pyridine | 3.846 | 79 | 313671 | 10.057 | ng/ul | 98 |
| 6) Benzaldehyde | 7.146 | 77 | 711130 | 38.833 | ng/ul | 99 |
| 8) Phenol | 7.193 | 94 | 1261744 | 32.083 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.434 | 93 | 1043788 | 32.393 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.575 | 128 | 1029496 | 33.116 | ng/ul | 100 |
| 13) 2-Methylphenol | 8.452 | 108 | 961741 | 31.465 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.552 | 45 | 1427425 | 30.712 | ng/ul | 99 |
| 16) Acetophenone | 8.846 | 105 | 1555507 | 32.477 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.828 | 70 | 736586 | 31.219 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.787 | 108 | 1044805 | 31.038 | ng/ul | 98 |
| 19) Hexachloroethane | 9.104 | 117 | 397563 | 33.348 | ng/ul | 97 |
| 22) Nitrobenzene | 9.228 | 77 | 1102703 | 35.939 | ng/ul | 99 |
| 23) Isophorone | 9.752 | 82 | 2100583 | 31.054 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.940 | 139 | 567430 | 38.056 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.993 | 107 | 1075603 | 32.463 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.234 | 93 | 1353532 | 32.638 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.475 | 162 | 1000562 | 33.324 | ng/ul | 99 |
| 30) Naphthalene | 10.881 | 128 | 3318098 | 33.152 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.987 | 127 | 1145518 | 28.102 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.169 | 225 | 684418 | 34.223 | ng/ul | 99 |
| 34) Caprolactam | 11.757 | 113 | 236870m | 25.691 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.098 | 107 | 963139 | 31.677 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.487 | 142 | 2215861 | 32.150 | ng/ul | 100 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012819.D
Acq On : 28 Nov 2022 16:30
Operator : CG/JU
Sample : N5659-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ESQT8MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 28 22:41:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.704 | 142 | 2200479 | 31.856 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.845 | 216 | 1268997 | 36.595 | ng/ul | 100 |
| 40) Hexachlorocyclopentadiene | 12.828 | 237 | 526702 | 31.522 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.081 | 196 | 779736 | 35.937 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.151 | 196 | 826331 | 35.427 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.487 | 154 | 2821850 | 35.621 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.528 | 162 | 2258730 | 35.641 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.728 | 65 | 497352 | 40.110 | ng/ul | 98 |
| 47) Dimethylphthalate | 14.104 | 163 | 2576224 | 32.834 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.222 | 165 | 465700 | 37.926 | ng/ul | 99 |
| 50) Acenaphthylene | 14.375 | 152 | 3275040 | 34.294 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.551 | 138 | 450369 | 31.669 | ng/ul | 97 |
| 52) Acenaphthene | 14.716 | 153 | 2279462 | 33.903 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.751 | 184 | 223765 | 28.359 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.845 | 109 | 283791 | 29.270 | ng/ul | 98 |
| 56) Dibenzofuran | 15.051 | 168 | 3104021 | 33.494 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.004 | 165 | 631770 | 34.865 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.269 | 232 | 652888 | 32.476 | ng/ul | 99 |
| 59) Diethylphthalate | 15.469 | 149 | 2324435 | 30.604 | ng/ul | 100 |
| 61) Fluorene | 15.698 | 166 | 2421802 | 32.587 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.692 | 204 | 1266056 | 32.833 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.716 | 138 | 403993m | 33.331 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.769 | 198 | 351215 | 37.926 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.904 | 169 | 2036631 | 39.700 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.592 | 248 | 166999 | 9.400 | ng/ul | 97 |
| 69) Hexachlorobenzene | 16.704 | 284 | 791641 | 34.961 | ng/ul | 99 |
| 70) Atrazine | 16.857 | 200 | 540820 | 30.726 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.051 | 266 | 398545 | 28.661 | ng/ul | 99 |
| 72) Phenanthrene | 17.451 | 178 | 3519311 | 36.581 | ng/ul | 100 |
| 74) Anthracene | 17.539 | 178 | 3412226 | 35.852 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.451 | 216 | 1229359 | 44.053 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.969 | 250 | 1083896 | 37.364 | ng/uL | 99 |
| 77) Carbazole | 17.804 | 167 | 2888561 | 35.876 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.351 | 149 | 3061565 | 32.120 | ng/ul | 100 |
| 80) Fluoranthene | 19.410 | 202 | 3516877 | 34.427 | ng/ul | 98 |
| 82) Pyrene | 19.763 | 202 | 3598295 | 34.057 | ng/ul | 97 |
| 83) Butylbenzylphthalate | 20.627 | 149 | 995956 | 40.283 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.404 | 252 | 751788 | 28.964 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.474 | 228 | 3312709 | 33.887 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149 | 1413882 | 37.394 | ng/ul | 99 |
| 87) Chrysene | 21.533 | 228 | 3183903 | 33.685 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.357 | 149 | 2332022 | 26.594 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.239 | 252 | 3659782 | 32.185 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.286 | 252 | 3579500 | 31.537 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.898 | 252 | 3292928 | 35.217 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.645 | 276 | 4435017 | 49.163 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.668 | 278 | 3883361 | 47.441 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.456 | 276 | 3729544 | 48.065 | ng/ul | 99 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012819.D
Acq On : 28 Nov 2022 16:30
Operator : CG/JU
Sample : N5659-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 28 22:41:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
ESQT8MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022