Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022163.D
Acq On : 17 Oct 2022 22:20
Operator : CG/JU
Sample : PB148279BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 17 23:11:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS279

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 183422 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.781 | 136 | 830834 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.628 | 164 | 516950 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.386 | 188 | 1082883 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.586 | 240 | 927805 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.051 | 264 | 829011 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 26958 | 5.570 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 385768 | 25.626 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.111 | 99 | 550909 | 30.723 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 322630 | 28.713 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 401003 | 32.254 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.675 | 113 | 427177 | 29.981 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.134 | 128 | 207067 | 33.989 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 229190 | 36.704 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.399 | 165 | 391222 | 33.378 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.928 | 131 | 528226 | 27.565 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.040 | 166 | 1127544 | 31.290 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.322 | 160 | 1319383 | 32.787 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.839 | 143 | 249287 | 32.410 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.622 | 176 | 948689 | 31.213 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200 | 176377 | 28.550 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.486 | 188 | 1479752 | 31.445 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.786 | 212 | 1654664 | 35.820 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.892 | 264 | 1311472 | 32.258 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 55447 | 10.512 | ng/uL | 98 |
| 5) Pyridine | 3.711 | 79 | 392990 | 26.315 | ng/ul | 100 |
| 6) Benzaldehyde | 7.087 | 77 | 340707 | 38.476 | ng/ul | 98 |
| 8) Phenol | 7.140 | 94 | 554532 | 29.136 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.375 | 93 | 426040 | 28.137 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.510 | 128 | 419798 | 30.579 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.405 | 108 | 419274 | 29.464 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.487 | 45 | 586715 | 27.079 | ng/ul | 100 |
| 16) Acetophenone | 8.793 | 105 | 643147 | 28.252 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.781 | 70 | 336178 | 27.726 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.740 | 108 | 456391 | 28.644 | ng/ul | 96 |
| 19) Hexachloroethane | 9.040 | 117 | 164464 | 30.685 | ng/ul | 97 |
| 22) Nitrobenzene | 9.175 | 77 | 510756 | 31.750 | ng/ul | 97 |
| 23) Isophorone | 9.710 | 82 | 955157 | 30.074 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.893 | 139 | 246175 | 33.406 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.952 | 107 | 481271 | 30.975 | ng/ul | 94 |
| 27) Bis(2-Chloroethoxy)met... | 10.193 | 93 | 593800 | 29.899 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 394533 | 32.276 | ng/ul | 96 |
| 30) Naphthalene | 10.834 | 128 | 1346762 | 30.259 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.951 | 127 | 532721 | 26.817 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.110 | 225 | 210643 | 31.405 | ng/ul | 98 |
| 34) Caprolactam | 11.746 | 113 | 145329m | 30.598 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.081 | 107 | 461144 | 31.291 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.451 | 142 | 906438 | 29.491 | ng/ul | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 37) | 1-Methylnaphthalene | 12.669 | 142 | 903217 | 29.345 | ng/ul | 96 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.816 | 216 | 425588 | 31.736 | ng/ul | 97 |
| 40) | Hexachlorocyclopentadiene | 12.793 | 237 | 180807 | 24.118 | ng/ul | 91 |
| 41) | 2,4,6-Trichlorophenol | 13.057 | 196 | 301954 | 33.022 | ng/ul | 97 |
| 42) | 2,4,5-Trichlorophenol | 13.134 | 196 | 333003 | 32.701 | ng/ul | 100 |
| 43) | 1,1'-Biphenyl | 13.463 | 154 | 1152968 | 30.552 | ng/ul | 98 |
| 44) | 2-Chloronaphthalene | 13.504 | 162 | 909828 | 30.855 | ng/ul | 94 |
| 45) | 2-Nitroaniline | 13.716 | 65 | 309576 | 33.889 | ng/ul | 99 |
| 47) | Dimethylphthalate | 14.087 | 163 | 1134575 | 29.291 | ng/ul | 100 |
| 48) | 2,6-Dinitrotoluene | 14.216 | 165 | 250533 | 34.529 | ng/ul | 94 |
| 50) | Acenaphthylene | 14.351 | 152 | 1425733 | 31.024 | ng/ul | 98 |
| 51) | 3-Nitroaniline | 14.545 | 138 | 274406 | 32.031 | ng/ul | 95 |
| 52) | Acenaphthene | 14.692 | 153 | 968841 | 29.729 | ng/ul | 98 |
| 53) | 2,4-Dinitrophenol | 14.751 | 184 | 114467 | 23.289 | ng/ul | 99 |
| 55) | 4-Nitrophenol | 14.851 | 109 | 190925 | 30.614 | ng/ul | 96 |
| 56) | Dibenzofuran | 15.028 | 168 | 1320645 | 29.697 | ng/ul | 96 |
| 57) | 2,4-Dinitrotoluene | 14.998 | 165 | 364061 | 34.251 | ng/ul | 99 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.257 | 232 | 264096 | 31.162 | ng/ul | 99 |
| 59) | Diethylphthalate | 15.451 | 149 | 1162161 | 29.538 | ng/ul | 98 |
| 61) | Fluorene | 15.681 | 166 | 1070373 | 29.941 | ng/ul | 93 |
| 62) | 4-Chlorophenyl-phenyle... | 15.675 | 204 | 482289 | 28.792 | ng/ul | 98 |
| 63) | 4-Nitroaniline | 15.710 | 138 | 308897 | 38.643 | ng/ul | 97 |
| 66) | 4,6-Dinitro-2-methylph... | 15.769 | 198 | 181230 | 27.325 | ng/ul# | 93 |
| 67) | N-Nitrosodiphenylamine | 15.892 | 169 | 941422 | 30.062 | ng/ul | 99 |
| 68) | 4-Bromophenyl-phenylether | 16.569 | 248 | 289759 | 30.291 | ng/ul | 92 |
| 69) | Hexachlorobenzene | 16.681 | 284 | 360356 | 30.947 | ng/ul | 94 |
| 70) | Atrazine | 16.845 | 200 | 326150 | 30.926 | ng/ul | 98 |
| 71) | Pentachlorophenol | 17.034 | 266 | 204353 | 28.381 | ng/ul | 96 |
| 72) | Phenanthrene | 17.428 | 178 | 1745569 | 29.882 | ng/ul | 98 |
| 74) | Anthracene | 17.522 | 178 | 1769968 | 30.505 | ng/ul | 98 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.428 | 216 | 437907 | 32.151 | ng/uL | 97 |
| 76) | Pentachlorobenzene | 14.945 | 250 | 406317 | 27.793 | ng/uL | 96 |
| 77) | Carbazole | 17.792 | 167 | 1677545 | 31.258 | ng/ul | 100 |
| 78) | Di-n-butylphthalate | 18.351 | 149 | 2087080 | 31.379 | ng/ul | 98 |
| 80) | Fluoranthene | 19.451 | 202 | 1945716 | 33.555 | ng/ul | 98 |
| 82) | Pyrene | 19.816 | 202 | 2040439 | 33.635 | ng/ul | 99 |
| 83) | Butylbenzylphthalate | 20.710 | 149 | 1014873 | 38.560 | ng/ul | 97 |
| 84) | 3,3'-Dichlorobenzidine | 21.498 | 252 | 590218 | 29.415 | ng/ul | 98 |
| 85) | Benzo(a)anthracene | 21.569 | 228 | 1827521m | 30.826 | ng/ul | |
| 86) | Bis(2-ethylhexyl)phtha... | 21.486 | 149 | 1500114 | 39.407 | ng/ul | 100 |
| 87) | Chrysene | 21.622 | 228 | 1759179 | 30.878 | ng/ul | 98 |
| 89) | Di-n-octyl phthalate | 22.427 | 149 | 2608543 | 44.411 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.292 | 252 | 1696735 | 32.451 | ng/ul | 99 |
| 91) | Benzo(k)fluoranthene | 23.339 | 252 | 1657552 | 32.087 | ng/ul | 97 |
| 93) | Benzo(a)pyrene | 23.939 | 252 | 1451065 | 31.051 | ng/ul | 99 |
| 94) | Indeno(1,2,3-cd)pyrene | 26.639 | 276 | 1655030 | 28.335 | ng/ul | 95 |
| 95) | Dibenzo(a,h)anthracene | 26.668 | 278 | 1380731 | 26.422 | ng/ul | 98 |
| 96) | Benzo(g,h,i)perylene | 27.445 | 276 | 1345807 | 25.611 | ng/ul | 97 |

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

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