Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010276.D
Acq On : 10 May 2022 21:55
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020792

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay

Quant Time: May 11 01:20:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:59:46 2022
Response via : Initial Calibration

05/11/2022
Supervised By :mohammad ahmed

05/12/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.911 | 152 | 110508 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.710 | 136 | 505711 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.540 | 164 | 364850 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.292 | 188 | 804095 | 20.000 | ng/ul | #-0.01 |
| 79) Chrysene-d12 | 21.375 | 240 | 852193 | 20.000 | ng/ul | #-0.01 |
| 88) Perylene-d12 | 23.810 | 264 | 854613 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.346 | 96 | 23497m | 9.033 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.764 | 84 | 159172 | 21.989 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.069 | 99 | 221304 | 21.562 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.234 | 67 | 143063 | 22.531 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.440 | 132 | 169634 | 22.441 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.616 | 113 | 184833 | 21.904 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.069 | 128 | 89840 | 22.156 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.793 | 143 | 99072 | 21.429 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.334 | 165 | 190133 | 22.595 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.846 | 131 | 277408 | 22.331 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.951 | 166 | 637836 | 21.944 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.234 | 160 | 762253 | 21.996 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.734 | 143 | 114431 | 20.524 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.534 | 176 | 537637 | 21.913 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200 | 113314 | 20.579 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.392 | 188 | 869549 | 22.083 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.622 | 212 | 1070425 | 22.730 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.651 | 264 | 1042946 | 22.883 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 24272 | 9.129 | ng/uL# | 13 |
| 5) Pyridine | 3.787 | 79 | 164969 | 21.743 | ng/ul# | 37 |
| 6) Benzaldehyde | 7.046 | 77 | 147482 | 26.002 | ng/ul | 92 |
| 8) Phenol | 7.099 | 94 | 223524 | 21.601 | ng/ul# | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.328 | 93 | 181170 | 22.374 | ng/ul# | 73 |
| 12) 2-Chlorophenol | 7.469 | 128 | 169342 | 22.306 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.352 | 108 | 174184 | 22.177 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.440 | 45 | 293523 | 23.045 | ng/ul# | 83 |
| 16) Acetophenone | 8.734 | 105 | 296967 | 22.515 | ng/ul# | 78 |
| 17) N-Nitroso-di-n-propyla... | 8.716 | 70 | 160254 | 23.258 | ng/ul# | 74 |
| 18) 4-Methylphenol | 8.681 | 108 | 192229 | 22.370 | ng/ul | 95 |
| 19) Hexachloroethane | 8.993 | 117 | 71393 | 22.057 | ng/ul | 82 |
| 22) Nitrobenzene | 9.111 | 77 | 225340 | 21.892 | ng/ul# | 83 |
| 23) Isophorone | 9.640 | 82 | 439956 | 21.824 | ng/ul# | 97 |
| 25) 2-Nitrophenol | 9.822 | 139 | 104912 | 22.089 | ng/ul# | 85 |
| 26) 2,4-Dimethylphenol | 9.887 | 107 | 222633 | 21.954 | ng/ul# | 79 |
| 27) Bis(2-Chloroethoxy)met... | 10.116 | 93 | 260802 | 22.045 | ng/ul# | 98 |
| 29) 2,4-Dichlorophenol | 10.358 | 162 | 184437m | 22.438 | ng/ul | |
| 30) Naphthalene | 10.758 | 128 | 595716 | 22.077 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.869 | 127 | 275565 | 22.228 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.052 | 225 | 122950 | 21.841 | ng/ul | 99 |
| 34) Caprolactam | 11.640 | 113 | 65864m | 21.030 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.993 | 107 | 220687 | 22.312 | ng/ul# | 71 |
| 36) 2-Methylnaphthalene | 12.369 | 142 | 424758 | 22.233 | ng/ul | 92 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.587 | 142 | 433236 | 22.307 | ng/ul# | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 12.740 | 216 | 245534 | 21.891 | ng/ul | 93 |
| 40) Hexachlorocyclopentadiene | 12.722 | 237 | 135445 | 21.663 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 12.975 | 196 | 160681 | 21.844 | ng/ul# | 85 |
| 42) 2,4,5-Trichlorophenol | 13.052 | 196 | 174103 | 21.718 | ng/ul | 86 |
| 43) 1,1'-Biphenyl | 13.375 | 154 | 594996 | 21.830 | ng/ul# | 93 |
| 44) 2-Chloronaphthalene | 13.416 | 162 | 462639 | 21.915 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.616 | 65 | 157198 | 21.996 | ng/ul# | 75 |
| 47) Dimethylphthalate | 13.999 | 163 | 614211 | 21.779 | ng/ul# | 91 |
| 48) 2,6-Dinitrotoluene | 14.110 | 165 | 126757 | 22.028 | ng/ul | 96 |
| 50) Acenaphthylene | 14.257 | 152 | 764932 | 22.065 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.446 | 138 | 92042m | 18.282 | ng/ul | |
| 52) Acenaphthene | 14.604 | 153 | 492365 | 21.939 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 70933 | 18.838 | ng/ul# | 79 |
| 55) 4-Nitrophenol | 14.751 | 109 | 97604 | 20.642 | ng/ul# | 45 |
| 56) Dibenzofuran | 14.940 | 168 | 719165 | 21.900 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 187966 | 22.327 | ng/ul# | 73 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.163 | 232 | 156526 | 21.998 | ng/ul# | 84 |
| 59) Diethylphthalate | 15.357 | 149 | 630792 | 21.667 | ng/ul | 93 |
| 61) Fluorene | 15.587 | 166 | 600075 | 22.062 | ng/ul | 90 |
| 62) 4-Chlorophenyl-phenyle... | 15.581 | 204 | 309766 | 22.030 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.604 | 138 | 85879m | 17.262 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.669 | 198 | 112093 | 20.896 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.793 | 169 | 522671 | 22.112 | ng/ul | 95 |
| 68) 4-Bromophenyl-phenylether | 16.475 | 248 | 186334 | 21.938 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.598 | 284 | 215574 | 21.944 | ng/ul# | 89 |
| 70) Atrazine | 16.751 | 200 | 205451 | 21.515 | ng/ul | 91 |
| 71) Pentachlorophenol | 16.940 | 266 | 135593m | 20.794 | ng/ul | |
| 72) Phenanthrene | 17.334 | 178 | 986816 | 22.259 | ng/ul | 99 |
| 74) Anthracene | 17.428 | 178 | 992282 | 22.068 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.346 | 216 | 258574 | 21.978 | ng/uL# | 86 |
| 76) Pentachlorobenzene | 14.863 | 250 | 249020 | 22.138 | ng/uL | 88 |
| 77) Carbazole | 17.692 | 167 | 884083 | 21.792 | ng/ul# | 96 |
| 78) Di-n-butylphthalate | 18.245 | 149 | 1088013 | 21.220 | ng/ul# | 93 |
| 80) Fluoranthene | 19.298 | 202 | 1192631 | 22.273 | ng/ul | 97 |
| 82) Pyrene | 19.651 | 202 | 1252042 | 22.591 | ng/ul# | 94 |
| 83) Butylbenzylphthalate | 20.522 | 149 | 507529 | 21.502 | ng/ul# | 81 |
| 84) 3,3'-Dichlorobenzidine | 21.286 | 252 | 384417 | 21.105 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.357 | 228 | 1221183 | 21.920 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 766020 | 21.511 | ng/ul# | 80 |
| 87) Chrysene | 21.410 | 228 | 1203469 | 21.797 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.216 | 149 | 1292492 | 22.467 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.063 | 252 | 1323468 | 23.579 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.116 | 252 | 1184055 | 22.358 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.704 | 252 | 1244396 | 22.887 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.345 | 276 | 1349683 | 22.457 | ng/ul# | 93 |
| 95) Dibenzo(a,h)anthracene | 26.368 | 278 | 1144176 | 22.268 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.127 | 276 | 1137854 | 22.417 | ng/ul# | 91 |

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

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