Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
Data File : BM037373.D
Acq On : 04 Nov 2022 08:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020051

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 04 08:32:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 04 02:39:09 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 382062 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.645 | 136 | 1694929 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.480 | 164 | 1047098 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.221 | 188 | 2056934 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.392 | 240 | 1744158 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.739 | 264 | 1426871 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.269 | 96 | 73350 | 8.463 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 532658 | 20.588 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.022 | 99 | 658083 | 19.792 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.187 | 67 | 411437 | 20.165 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.375 | 132 | 533145 | 20.986 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.563 | 113 | 531526 | 19.576 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.016 | 128 | 276069 | 21.805 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.734 | 143 | 293705 | 21.296 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.275 | 165 | 548971 | 21.591 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.792 | 131 | 773430 | 19.905 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.898 | 166 | 1478598 | 20.423 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.175 | 160 | 1869477 | 21.478 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.698 | 143 | 269899 | 18.650 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.469 | 176 | 1358770 | 21.046 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200 | 235877 | 18.105 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.321 | 188 | 2021828 | 21.343 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.609 | 212 | 2111891 | 23.171 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.586 | 264 | 1548371 | 21.081 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 77068 | 8.464 | ng/uL | 99 |
| 5) Pyridine | 3.710 | 79 | 533928 | 20.604 | ng/ul | 98 |
| 6) Benzaldehyde | 6.993 | 77 | 402667 | 26.177 | ng/ul | 96 |
| 8) Phenol | 7.046 | 94 | 689907 | 19.721 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.275 | 93 | 562400 | 20.039 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.410 | 128 | 579148 | 21.068 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.298 | 108 | 528351 | 19.796 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.387 | 45 | 808715 | 20.288 | ng/ul | 99 |
| 16) Acetophenone | 8.681 | 105 | 880747 | 20.227 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.663 | 70 | 449976 | 20.804 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.628 | 108 | 588283 | 20.009 | ng/ul | 100 |
| 19) Hexachloroethane | 8.916 | 117 | 241115 | 22.101 | ng/ul | 96 |
| 22) Nitrobenzene | 9.057 | 77 | 666815 | 21.821 | ng/ul | 98 |
| 23) Isophorone | 9.587 | 82 | 1211544 | 20.556 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.769 | 139 | 336516 | 21.349 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.828 | 107 | 635998 | 21.458 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.069 | 93 | 769436 | 20.998 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.298 | 162 | 564021 | 21.555 | ng/ul | 100 |
| 30) Naphthalene | 10.698 | 128 | 1925941 | 21.298 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.816 | 127 | 806872 | 20.040 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.969 | 225 | 346135 | 21.480 | ng/ul | 99 |
| 34) Caprolactam | 11.610 | 113 | 158564 | 18.415 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 11.945 | 107 | 563320 | 20.755 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.304 | 142 | 1301962 | 20.848 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.528 | 142 | 1321922 | 21.036 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.675 | 216 | 678759 | 21.598 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.645 | 237 | 343289 | 19.539 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 12.922 | 196 | 439706 | 21.674 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.992 | 196 | 469410 | 21.489 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.316 | 154 | 1705817 | 21.919 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.357 | 162 | 1359294 | 21.736 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.575 | 65 | 371181 | 22.510 | ng/ul | 96 |
| 47) Dimethylphthalate | 13.945 | 163 | 1596983 | 20.708 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.075 | 165 | 326976 | 21.654 | ng/ul | 99 |
| 50) Acenaphthylene | 14.204 | 152 | 2050424 | 21.553 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.404 | 138 | 347714 | 21.339 | ng/ul | 97 |
| 52) Acenaphthene | 14.545 | 153 | 1458129 | 21.540 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.610 | 184 | 158675 | 15.649 | ng/ul | 95 |
| 55) 4-Nitrophenol | 14.716 | 109 | 205229 | 19.286 | ng/ul | 97 |
| 56) Dibenzofuran | 14.880 | 168 | 1931663 | 21.133 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.857 | 165 | 459787 | 20.782 | ng/ul | 93 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.110 | 232 | 396387 | 20.843 | ng/ul | 95 |
| 59) Diethylphthalate | 15.304 | 149 | 1565653 | 20.383 | ng/ul | 99 |
| 61) Fluorene | 15.527 | 166 | 1648955 | 21.327 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.521 | 204 | 801553 | 21.096 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.563 | 138 | 341375m | 22.534 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.616 | 198 | 254972 | 18.423 | ng/ul | 95 |
| 67) N-Nitrosodiphenylamine | 15.739 | 169 | 1344888 | 22.057 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.416 | 248 | 468246 | 21.398 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.521 | 284 | 570592 | 21.366 | ng/ul | 99 |
| 70) Atrazine | 16.692 | 200 | 439438 | 20.358 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.874 | 266 | 303272 | 18.557 | ng/ul | 96 |
| 72) Phenanthrene | 17.263 | 178 | 2461234 | 21.400 | ng/ul | 100 |
| 74) Anthracene | 17.357 | 178 | 2493316 | 21.546 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.280 | 216 | 673045 | 22.580 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.798 | 250 | 716699 | 22.098 | ng/uL | 99 |
| 77) Carbazole | 17.633 | 167 | 2174159 | 20.826 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.192 | 149 | 2567771 | 21.349 | ng/ul | 100 |
| 80) Fluoranthene | 19.274 | 202 | 2651579 | 23.642 | ng/ul | 100 |
| 82) Pyrene | 19.639 | 202 | 2787092 | 23.589 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 1032080 | 22.490 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.315 | 252 | 777469 | 19.234 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.380 | 228 | 2432698 | 21.733 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.303 | 149 | 1379114 | 21.553 | ng/ul | 100 |
| 87) Chrysene | 21.433 | 228 | 2242395 | 21.291 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.209 | 149 | 2037663 | 19.628 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.021 | 252 | 2052869 | 20.681 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.074 | 252 | 2076262 | 21.364 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.633 | 252 | 1773573 | 21.364 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.162 | 276 | 2068015 | 23.276 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.174 | 278 | 1858311 | 23.259 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 26.903 | 276 | 1809063 | 23.765 | ng/ul | 99 |

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

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