Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037820.D
Acq On : 02 Dec 2022 09:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020060

Quant Time: Dec 02 21:45:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.092 | 152 | 144381 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.916 | 136 | 701299 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.721 | 164 | 490566 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.456 | 188 | 1110367 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.627 | 240 | 1235162 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.109 | 264 | 1275847 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.428 | 96 | 24948 | 8.107 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.863 | 84 | 198746 | 19.968 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.245 | 99 | 257085 | 19.764 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.416 | 67 | 161550 | 21.287 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.622 | 132 | 204520 | 20.795 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.804 | 113 | 206638 | 19.976 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.269 | 128 | 108340 | 19.448 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.992 | 143 | 107061 | 18.572 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.528 | 165 | 215750 | 20.181 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.051 | 131 | 327273 | 19.958 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.127 | 166 | 680302 | 20.195 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.415 | 160 | 826092 | 20.164 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.904 | 143 | 134043 | 19.171 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.710 | 176 | 647920 | 21.201 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.821 | 200 | 103680 | 17.726 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.556 | 188 | 1059773 | 20.754 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.839 | 212 | 1271105 | 19.867 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.950 | 264 | 1315188 | 20.577 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.463 | 88 | 26084 | 7.909 | ng/uL# | 90 |
| 5) Pyridine | 3.881 | 79 | 198014 | 20.290 | ng/ul | 91 |
| 6) Benzaldehyde | 7.228 | 77 | 139109 | 22.205 | ng/ul | 99 |
| 8) Phenol | 7.269 | 94 | 265771 | 19.993 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.510 | 93 | 218948 | 20.646 | ng/ul | 95 |
| 12) 2-Chlorophenol | 7.651 | 128 | 221198 | 20.896 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.534 | 108 | 210718 | 19.876 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.628 | 45 | 455431 | 23.112 | ng/ul | 97 |
| 16) Acetophenone | 8.928 | 105 | 341182 | 20.909 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.910 | 70 | 175513 | 21.354 | ng/ul | 94 |
| 18) 4-Methylphenol | 8.863 | 108 | 231239 | 20.216 | ng/ul | 98 |
| 19) Hexachloroethane | 9.186 | 117 | 86489 | 21.390 | ng/ul | 94 |
| 22) Nitrobenzene | 9.310 | 77 | 240822 | 20.627 | ng/ul | 98 |
| 23) Isophorone | 9.839 | 82 | 498626 | 19.851 | ng/ul | 99 |
| 25) 2-Nitrophenol | 10.022 | 139 | 122176 | 19.558 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 10.080 | 107 | 246671 | 20.542 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.316 | 93 | 305028 | 20.110 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.557 | 162 | 224074 | 20.722 | ng/ul | 98 |
| 30) Naphthalene | 10.969 | 128 | 787891 | 20.701 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.075 | 127 | 337109 | 20.315 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.251 | 225 | 144026 | 21.502 | ng/ul | 98 |
| 34) Caprolactam | 11.851 | 113 | 70639 | 17.989 | ng/ul | 91 |
| 35) 4-Chloro-3-methylphenol | 12.180 | 107 | 234603 | 20.789 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.563 | 142 | 549371 | 20.863 | ng/ul | 98 |

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**ClientSampleId :**
SSTD020060

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.780 | 142 | 554770 | 21.050 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.927 | 216 | 290336 | 20.665 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.904 | 237 | 155408 | 20.115 | ng/ul | 100 |
| 41) 2,4,6-Trichlorophenol | 13.163 | 196 | 184843 | 20.153 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.233 | 196 | 202695 | 20.750 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.563 | 154 | 730714 | 20.492 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.604 | 162 | 574767 | 20.540 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.804 | 65 | 160589 | 20.283 | ng/ul | 93 |
| 47) Dimethylphthalate | 14.174 | 163 | 712322 | 20.302 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.298 | 165 | 136736 | 19.087 | ng/ul | 98 |
| 50) Acenaphthylene | 14.445 | 152 | 932042 | 20.519 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.621 | 138 | 152406 | 17.824 | ng/ul | 98 |
| 52) Acenaphthene | 14.786 | 153 | 654914 | 20.808 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.821 | 184 | 65255 | 15.597 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.921 | 109 | 90795 | 21.067 | ng/ul | 95 |
| 56) Dibenzofuran | 15.115 | 168 | 900681 | 21.254 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 15.074 | 165 | 205494 | 20.540 | ng/ul | 88 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.339 | 232 | 179432 | 20.883 | ng/ul | 98 |
| 59) Diethylphthalate | 15.527 | 149 | 735688 | 20.446 | ng/ul | 100 |
| 61) Fluorene | 15.762 | 166 | 773187 | 21.673 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.757 | 204 | 373536 | 21.963 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.780 | 138 | 169371 | 19.690 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.833 | 198 | 112693 | 18.690 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.968 | 169 | 648958 | 20.281 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.645 | 248 | 225048 | 19.751 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.762 | 284 | 279598 | 21.013 | ng/ul | 99 |
| 70) Atrazine | 16.909 | 200 | 215994 | 19.601 | ng/ul | 95 |
| 71) Pentachlorophenol | 17.104 | 266 | 156919 | 19.174 | ng/ul | 97 |
| 72) Phenanthrene | 17.504 | 178 | 1249566 | 20.764 | ng/ul | 99 |
| 74) Anthracene | 17.592 | 178 | 1291365 | 21.035 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.527 | 216 | 296545 | 19.808 | ng/uL | 98 |
| 76) Pentachlorobenzene | 15.039 | 250 | 333609 | 20.482 | ng/uL | 98 |
| 77) Carbazole | 17.862 | 167 | 1191470 | 21.090 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.415 | 149 | 1378604 | 19.409 | ng/ul | 99 |
| 80) Fluoranthene | 19.503 | 202 | 1523685 | 19.497 | ng/ul | 98 |
| 82) Pyrene | 19.868 | 202 | 1620982 | 20.089 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.750 | 149 | 633578 | 18.009 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.539 | 252 | 546458 | 21.119 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.609 | 228 | 1637251 | 20.718 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.521 | 149 | 983850 | 18.507 | ng/ul | 99 |
| 87) Chrysene | 21.668 | 228 | 1541961 | 20.961 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.474 | 149 | 1758967 | 19.157 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.350 | 252 | 1721241 | 21.007 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.397 | 252 | 1640362 | 20.753 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.997 | 252 | 1483403 | 20.878 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.709 | 276 | 1698323 | 21.261 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.721 | 278 | 1549851 | 21.317 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.509 | 276 | 1495021 | 21.446 | ng/ul | 98 |

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

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