Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP012986.D
Acq On : 08 Dec 2022 15:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020696

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 01:55:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.975 | 152 | 553501 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.793 | 136 | 2403680 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.616 | 164 | 1629184 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.375 | 188 | 3712783 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.457 | 240 | 3509866 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.951 | 264 | 3537766 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.358 | 96 | 100250 | 7.744 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.781 | 84 | 698881 | 19.005 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.128 | 99 | 856292 | 18.993 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.299 | 67 | 544024 | 20.004 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.505 | 132 | 702140 | 19.784 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.687 | 113 | 716487 | 19.396 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.146 | 128 | 349714 | 19.802 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.869 | 143 | 397874 | 20.011 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.404 | 165 | 781855 | 20.246 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.928 | 131 | 1104810 | 20.265 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.022 | 166 | 2507446 | 20.026 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.310 | 160 | 2769073 | 20.126 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.804 | 143 | 440146 | 19.542 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.610 | 176 | 2152263 | 20.318 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 200 | 439436 | 18.392 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.469 | 188 | 3388107 | 20.227 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.704 | 212 | 4017783 | 19.943 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.786 | 264 | 3514544 | 19.931 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 105343 | 7.795 | ng/uL | 98 |
| 5) Pyridine | 3.805 | 79 | 706652 | 19.335 | ng/ul | 97 |
| 6) Benzaldehyde | 7.110 | 77 | 337175 | 19.100 | ng/ul | 97 |
| 8) Phenol | 7.157 | 94 | 879686 | 19.298 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.393 | 93 | 738604 | 19.742 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.534 | 128 | 718099 | 19.731 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.416 | 108 | 690453 | 19.429 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.510 | 45 | 1030251 | 20.067 | ng/ul | 98 |
| 16) Acetophenone | 8.804 | 105 | 1174664 | 20.739 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.787 | 70 | 584072 | 20.506 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.746 | 108 | 773245 | 19.644 | ng/ul | 99 |
| 19) Hexachloroethane | 9.063 | 117 | 286169 | 19.676 | ng/ul | 98 |
| 22) Nitrobenzene | 9.187 | 77 | 832562 | 20.090 | ng/ul | 99 |
| 23) Isophorone | 9.716 | 82 | 1660955 | 19.821 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.899 | 139 | 432281 | 20.066 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.957 | 107 | 840257 | 19.990 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.199 | 93 | 1067863 | 19.930 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.434 | 162 | 764696 | 20.214 | ng/ul | 100 |
| 30) Naphthalene | 10.840 | 128 | 2513565 | 19.995 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.951 | 127 | 1105427 | 20.489 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.128 | 225 | 515058 | 19.830 | ng/ul | 99 |
| 34) Caprolactam | 11.734 | 113 | 240798m | 18.668 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.063 | 107 | 798965 | 20.695 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.445 | 142 | 1753660 | 20.334 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.663 | 142 | 1803456 | 20.334 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 1044312 | 19.907 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.793 | 237 | 620770 | 18.184 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.045 | 196 | 672020 | 19.933 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.116 | 196 | 732717 | 20.233 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.451 | 154 | 2442059 | 19.958 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.492 | 162 | 1915696 | 19.893 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.698 | 65 | 480798 | 20.592 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.069 | 163 | 2493618 | 20.094 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.192 | 165 | 474361 | 20.568 | ng/ul | 96 |
| 50) Acenaphthylene | 14.339 | 152 | 2993654 | 20.239 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.522 | 138 | 394125 | 18.098 | ng/ul | 98 |
| 52) Acenaphthene | 14.681 | 153 | 2041596 | 19.918 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.722 | 184 | 261192 | 16.568 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.822 | 109 | 306871 | 19.968 | ng/ul | 99 |
| 56) Dibenzofuran | 15.016 | 168 | 2942929 | 20.194 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.975 | 165 | 693617 | 20.705 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.239 | 232 | 669780 | 20.266 | ng/ul | 97 |
| 59) Diethylphthalate | 15.434 | 149 | 2421191 | 20.070 | ng/ul | 99 |
| 61) Fluorene | 15.663 | 166 | 2390037 | 20.449 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204 | 1264812 | 20.463 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.681 | 138 | 360829 | 18.829 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.739 | 198 | 442893 | 18.969 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.869 | 169 | 2064031 | 20.052 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248 | 794493 | 19.705 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.675 | 284 | 945416 | 19.747 | ng/ul | 98 |
| 70) Atrazine | 16.828 | 200 | 797861 | 19.891 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.016 | 266 | 535051 | 18.454 | ng/ul | 99 |
| 72) Phenanthrene | 17.416 | 178 | 3907822 | 20.207 | ng/ul | 100 |
| 74) Anthracene | 17.504 | 178 | 3927256 | 20.339 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.416 | 216 | 1047287 | 19.771 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.934 | 250 | 1069845 | 19.809 | ng/uL | 100 |
| 77) Carbazole | 17.775 | 167 | 3467454 | 21.323 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.316 | 149 | 4062031 | 20.516 | ng/ul | 100 |
| 80) Fluoranthene | 19.375 | 202 | 4661393 | 20.386 | ng/ul | 99 |
| 82) Pyrene | 19.727 | 202 | 4834220 | 20.495 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.592 | 149 | 1802391 | 19.780 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.369 | 252 | 1493363 | 18.834 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.439 | 228 | 4710517 | 20.217 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.351 | 149 | 2601796 | 20.241 | ng/ul | 99 |
| 87) Chrysene | 21.498 | 228 | 4474767 | 20.308 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.304 | 149 | 4234237 | 21.364 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.186 | 252 | 4659795 | 20.656 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.233 | 252 | 4467862 | 19.972 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.839 | 252 | 3946254 | 20.090 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.556 | 276 | 4600252 | 18.801 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.574 | 278 | 3830572 | 18.909 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.356 | 276 | 3551451 | 18.080 | ng/ul | 98 |

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

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