Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017911.D
Acq On : 03 Nov 2023 09:22
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020656

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 09:03:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.887 | 152 | 176216 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.722 | 136 | 660861 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.587 | 164 | 370379 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.381 | 188 | 744009 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.533 | 240 | 609219 | 20.000 | ng/ul | 0.02 |
| 88) Perylene-d12 | 24.098 | 264 | 636203 | 20.000 | ng/ul | 0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 33709 | 7.116 | ng/uL | 0.02 |
| 4) Pyridine-d5 | 3.711 | 84 | 224183 | 18.077 | ng/ul | 0.02 |
| 7) Phenol-d5 | 7.052 | 99 | 304327 | 20.754 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.234 | 67 | 185943 | 20.532 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.410 | 132 | 248406 | 20.770 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.616 | 113 | 233894 | 20.311 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.099 | 128 | 117759 | 21.990 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.810 | 143 | 132058 | 22.319 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.340 | 165 | 233756 | 20.140 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.893 | 131 | 301479 | 19.848 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.004 | 166 | 631803 | 20.320 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.287 | 160 | 715049 | 20.622 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.845 | 143 | 87458 | 19.741 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.592 | 176 | 511799 | 19.042 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200 | 82797 | 16.895 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.486 | 188 | 759788 | 19.984 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.745 | 212 | 836900 | 21.911 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 23.927 | 264 | 707468 | 19.965 | ng/ul | 0.03 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 38365 | 7.636 | ng/uL | 94 |
| 5) Pyridine | 3.728 | 79 | 243373m | 19.153 | ng/ul | |
| 6) Benzaldehyde | 7.052 | 77 | 201719 | 25.572 | ng/ul | 95 |
| 8) Phenol | 7.081 | 94 | 298599 | 20.652 | ng/ul | 92 |
| 10) Bis(2-Chloroethyl)ether | 7.328 | 93 | 242360 | 20.092 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.440 | 128 | 249880 | 20.802 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.340 | 108 | 221349 | 20.286 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.405 | 45 | 280464m | 18.890 | ng/ul | |
| 16) Acetophenone | 8.746 | 105 | 368489 | 20.354 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.716 | 70 | 172845 | 20.128 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.681 | 108 | 236086 | 20.374 | ng/ul | 100 |
| 19) Hexachloroethane | 8.946 | 117 | 118117 | 21.400 | ng/ul | 83 |
| 22) Nitrobenzene | 9.140 | 77 | 314203 | 23.565 | ng/ul | 97 |
| 23) Isophorone | 9.652 | 82 | 530466 | 22.248 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.846 | 139 | 134482 | 21.294 | ng/ul# | 85 |
| 26) 2,4-Dimethylphenol | 9.887 | 107 | 266734 | 21.518 | ng/ul | 93 |
| 27) Bis(2-Chloroethoxy)met... | 10.146 | 93 | 304717 | 20.663 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.369 | 162 | 222381 | 20.037 | ng/ul | 96 |
| 30) Naphthalene | 10.769 | 128 | 751317 | 19.755 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.922 | 127 | 286089 | 19.669 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.993 | 225 | 162320 | 18.013 | ng/ul | 94 |
| 34) Caprolactam | 11.757 | 113 | 59869 | 20.949 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 12.034 | 107 | 234114 | 22.406 | ng/ul | 88 |
| 36) 2-Methylnaphthalene | 12.393 | 142 | 495555 | 19.290 | ng/ul | 100 |

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Quant Title : SVOA CALIBRATION
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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.610 | 142 | 498546 | 18.976 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.746 | 216 | 264820 | 19.323 | ng/ul | 97 |
| 40) Hexachlorocyclopentadiene | 12.681 | 237 | 107548 | 13.659 | ng/ul# | 96 |
| 41) 2,4,6-Trichlorophenol | 13.010 | 196 | 169169 | 20.567 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 13.087 | 196 | 177501 | 20.873 | ng/ul | 96 |
| 43) 1,1'-Biphenyl | 13.410 | 154 | 635098 | 20.813 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.463 | 162 | 504127 | 20.437 | ng/ul | 96 |
| 45) 2-Nitroaniline | 13.710 | 65 | 156778 | 27.969 | ng/ul | 90 |
| 47) Dimethylphthalate | 14.057 | 163 | 614686 | 20.059 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.210 | 165 | 125979 | 22.336 | ng/ul | 92 |
| 50) Acenaphthylene | 14.316 | 152 | 797622 | 20.536 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.551 | 138 | 121823 | 22.710 | ng/ul | 98 |
| 52) Acenaphthene | 14.657 | 153 | 523612 | 19.942 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.769 | 184 | 43728 | 13.811 | ng/ul# | 81 |
| 55) 4-Nitrophenol | 14.857 | 109 | 109753 | 23.403 | ng/ul | 86 |
| 56) Dibenzofuran | 14.992 | 168 | 716093 | 19.425 | ng/ul | 89 |
| 57) 2,4-Dinitrotoluene | 15.004 | 165 | 178739 | 21.472 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.222 | 232 | 141915 | 18.806 | ng/ul# | 89 |
| 59) Diethylphthalate | 15.416 | 149 | 628893 | 21.256 | ng/ul | 97 |
| 61) Fluorene | 15.651 | 166 | 587655 | 19.407 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.645 | 204 | 298565 | 18.550 | ng/ul# | 89 |
| 63) 4-Nitroaniline | 15.734 | 138 | 114612 | 23.688 | ng/ul | 86 |
| 66) 4,6-Dinitro-2-methylph... | 15.763 | 198 | 87274 | 16.627 | ng/ul# | 88 |
| 67) N-Nitrosodiphenylamine | 15.875 | 169 | 477652 | 21.191 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.551 | 248 | 167473 | 19.238 | ng/ul# | 85 |
| 69) Hexachlorobenzene | 16.634 | 284 | 180959 | 18.107 | ng/ul# | 80 |
| 70) Atrazine | 16.839 | 200 | 165731 | 20.006 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.010 | 266 | 109914 | 18.293 | ng/ul | 98 |
| 72) Phenanthrene | 17.428 | 178 | 870593 | 19.975 | ng/ul | 99 |
| 74) Anthracene | 17.522 | 178 | 899046 | 20.367 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.363 | 216 | 257887 | 20.658 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.887 | 250 | 233324 | 19.285 | ng/uL | 98 |
| 77) Carbazole | 17.816 | 167 | 770410 | 20.650 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.328 | 149 | 1023028 | 23.619 | ng/ul | 99 |
| 80) Fluoranthene | 19.410 | 202 | 981420 | 22.364 | ng/ul | 98 |
| 82) Pyrene | 19.775 | 202 | 1020347 | 21.946 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.645 | 149 | 452590 | 28.303 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.457 | 252 | 276737 | 20.106 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.516 | 228 | 948015 | 20.469 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149 | 638339 | 28.596 | ng/ul | 100 |
| 87) Chrysene | 21.569 | 228 | 866643 | 19.788 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.374 | 149 | 1075493 | 26.688 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.298 | 252 | 880293 | 20.331 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.351 | 252 | 845379 | 19.265 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.980 | 252 | 808245 | 19.884 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.833 | 276 | 941514 | 19.434 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.857 | 278 | 776083 | 19.200 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.686 | 276 | 751990 | 19.266 | ng/ul | 99 |

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

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