Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101223\
Data File : BP017662.D
Acq On : 12 Oct 2023 18:06
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SICV644

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/13/2023
Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 18:43:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 16:14:36 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.916 | 152 | 118891 | 20.000 | ng/ul | 0.01 |
| 20) Naphthalene-d8 | 10.751 | 136 | 486589 | 20.000 | ng/ul | 0.01 |
| 38) Acenaphthene-d10 | 14.616 | 164 | 316793 | 20.000 | ng/ul | 0.01 |
| 64) Phenanthrene-d10 | 17.410 | 188 | 732714 | 20.000 | ng/ul | 0.01 |
| 79) Chrysene-d12 | 21.557 | 240 | 826658 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.133 | 264 | 932490 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.269 | 96 | 22956 | 7.119 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.705 | 84 | 167915 | 18.837 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.075 | 99 | 208740 | 18.859 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.257 | 67 | 148310 | 22.094 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.434 | 132 | 175604 | 20.496 | ng/ul | 0.01 |
| 15) 4-Methylphenol-d8 | 8.640 | 113 | 170037 | 19.233 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.128 | 128 | 83359 | 20.396 | ng/ul | 0.01 |
| 24) 2-Nitrophenol-d4 | 9.840 | 143 | 92036 | 20.024 | ng/ul | 0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.369 | 165 | 176569 | 20.440 | ng/ul | 0.01 |
| 31) 4-Chloroaniline-d4 | 10.928 | 131 | 238279 | 19.244 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 14.034 | 166 | 556121 | 20.269 | ng/ul | 0.01 |
| 49) Acenaphthylene-d8 | 14.316 | 160 | 605433 | 20.492 | ng/ul | 0.01 |
| 54) 4-Nitrophenol-d4 | 14.863 | 143 | 82504 | 17.980 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.622 | 176 | 473052 | 20.269 | ng/ul | 0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.769 | 200 | 94265 | 18.202 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.510 | 188 | 766437 | 20.262 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.769 | 212 | 972399 | 19.544 | ng/ul | 0.01 |
| 92) Benzo(a)pyrene-d12 | 23.962 | 264 | 1066457 | 20.372 | ng/ul | 0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 24488 | 7.161 | ng/uL | 98 |
| 5) Pyridine | 3.722 | 79 | 151875 | 16.590 | ng/ul | 98 |
| 6) Benzaldehyde | 7.075 | 77 | 146795 | 26.183 | ng/ul | 99 |
| 8) Phenol | 7.099 | 94 | 199826 | 18.190 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.357 | 93 | 161746 | 18.349 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.469 | 128 | 162440 | 18.976 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.369 | 108 | 145875 | 17.837 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.452 | 45 | 195847m | 17.220 | ng/ul | |
| 16) Acetophenone | 8.775 | 105 | 260577 | 18.942 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.740 | 70 | 133586 | 19.187 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.704 | 108 | 162198 | 18.246 | ng/ul | 97 |
| 19) Hexachloroethane | 8.981 | 117 | 69713 | 18.230 | ng/ul | 95 |
| 22) Nitrobenzene | 9.169 | 77 | 196821 | 18.748 | ng/ul | 99 |
| 23) Isophorone | 9.681 | 82 | 342392 | 18.088 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.875 | 139 | 93427 | 19.107 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.916 | 107 | 159859 | 16.454 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.175 | 93 | 214460 | 18.542 | ng/ul | 97 |
| 29) 2,4-Dichlorophenol | 10.399 | 162 | 164594 | 19.747 | ng/ul | 99 |
| 30) Naphthalene | 10.804 | 128 | 528009 | 18.665 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.951 | 127 | 221203 | 18.684 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.028 | 225 | 120092 | 18.633 | ng/ul | 99 |
| 34) Caprolactam | 11.781 | 113 | 47983 | 18.821 | ng/ul | 93 |
| 35) 4-Chloro-3-methylphenol | 12.063 | 107 | 169429 | 19.266 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.422 | 142 | 361815 | 18.677 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.645 | 142 | 359858 | 18.301 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.775 | 216 | 224144 | 19.394 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 12.716 | 237 | 98045 | 18.883 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.040 | 196 | 136216 | 19.139 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.116 | 196 | 145938 | 19.423 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 13.445 | 154 | 512319 | 19.732 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.492 | 162 | 388884 | 18.722 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.740 | 65 | 112188 | 19.538 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.081 | 163 | 511767 | 18.889 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.234 | 165 | 109573 | 21.851 | ng/ul | 99 |
| 50) Acenaphthylene | 14.345 | 152 | 644633 | 19.287 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.575 | 138 | 104237 | 20.610 | ng/ul | 98 |
| 52) Acenaphthene | 14.681 | 153 | 410564 | 18.468 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.792 | 184 | 49439 | 15.966 | ng/ul | 93 |
| 55) 4-Nitrophenol | 14.881 | 109 | 81053m | 18.853 | ng/ul | |
| 56) Dibenzofuran | 15.022 | 168 | 624872 | 19.594 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 15.022 | 165 | 145790 | 18.834 | ng/ul# | 90 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.245 | 232 | 140808 | 20.259 | ng/ul | 98 |
| 59) Diethylphthalate | 15.445 | 149 | 498476 | 18.341 | ng/ul | 99 |
| 61) Fluorene | 15.681 | 166 | 497040 | 18.903 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.675 | 204 | 258372 | 18.480 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.757 | 138 | 107939 | 21.476 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.781 | 198 | 91631 | 16.893 | ng/ul# | 97 |
| 67) N-Nitrosodiphenylamine | 15.904 | 169 | 428648 | 19.578 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.581 | 248 | 161051 | 18.229 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.663 | 284 | 196510 | 18.689 | ng/ul | 96 |
| 70) Atrazine | 16.869 | 200 | 160313 | 18.921 | ng/ul | 98 |
| 71) Pentachlorophenol | 17.039 | 266 | 101511 | 15.941 | ng/ul | 100 |
| 72) Phenanthrene | 17.451 | 178 | 810741 | 18.808 | ng/ul | 100 |
| 74) Anthracene | 17.545 | 178 | 818171 | 18.763 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.392 | 216 | 216034 | 18.686 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.916 | 250 | 219971 | 18.540 | ng/uL | 100 |
| 77) Carbazole | 17.839 | 167 | 748156 | 18.947 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.351 | 149 | 861224 | 17.710 | ng/ul | 99 |
| 80) Fluoranthene | 19.439 | 202 | 1001632 | 17.616 | ng/ul | 100 |
| 82) Pyrene | 19.798 | 202 | 1082560 | 18.225 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.669 | 149 | 390344 | 16.891 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.480 | 252 | 421712 | 19.916 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 1164015 | 18.364 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.416 | 149 | 565161 | 16.174 | ng/ul | 98 |
| 87) Chrysene | 21.592 | 228 | 1070558 | 18.302 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.404 | 149 | 958780 | 15.747 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.327 | 252 | 1204499 | 18.968 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.380 | 252 | 1108213 | 17.542 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 24.015 | 252 | 1035958 | 17.520 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.874 | 276 | 1389830 | 19.166 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.904 | 278 | 1153891 | 18.986 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.727 | 276 | 1108165 | 19.218 | ng/ul | 98 |

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

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