Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
Data File : BP010108.D
Acq On : 26 Apr 2022 10:44
Operator : CG/JU
Sample : PB144303BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS303

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 04/27/2022
Supervised By :Yogesh Patel 04/28/2022

Quant Time: Apr 27 00:44:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.934 | 152 | 163712 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.739 | 136 | 698871 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.569 | 164 | 470345 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.316 | 188 | 986771 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.404 | 240 | 885666 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.851 | 264 | 673922 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.369 | 96 | 22956 | 6.115 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.781 | 84 | 301502 | 28.547 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.093 | 99 | 442328 | 29.704 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.257 | 67 | 287412 | 32.166 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.463 | 132 | 362196 | 32.843 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.645 | 113 | 372661 | 30.205 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.093 | 128 | 186077 | 33.476 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.816 | 143 | 204950 | 33.761 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.357 | 165 | 376551 | 31.863 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.869 | 131 | 492256 | 29.050 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.975 | 166 | 1201531 | 32.840 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.257 | 160 | 1383950 | 31.254 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.763 | 143 | 198528 | 29.474 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.557 | 176 | 1014623 | 32.238 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 200 | 206611 | 33.113 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.421 | 188 | 1533776 | 32.128 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.651 | 212 | 1806086 | 35.858 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.698 | 264 | 1215140 | 34.393 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 46754m | 11.984 | ng/uL | |
| 5) Pyridine | 3.799 | 79 | 315257 | 28.716 | ng/ul# | 43 |
| 6) Benzaldehyde | 7.069 | 77 | 283045 | 35.568 | ng/ul | 95 |
| 8) Phenol | 7.122 | 94 | 463533 | 30.980 | ng/ul# | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.351 | 93 | 365606 | 31.716 | ng/ul# | 77 |
| 12) 2-Chlorophenol | 7.498 | 128 | 357850 | 32.169 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.375 | 108 | 354396 | 30.884 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.463 | 45 | 537892 | 31.446 | ng/ul# | 85 |
| 16) Acetophenone | 8.757 | 105 | 581616 | 30.215 | ng/ul# | 82 |
| 17) N-Nitroso-di-n-propyla... | 8.745 | 70 | 312181 | 30.954 | ng/ul# | 75 |
| 18) 4-Methylphenol | 8.704 | 108 | 378634 | 29.968 | ng/ul | 91 |
| 19) Hexachloroethane | 9.022 | 117 | 153170 | 32.769 | ng/ul | 85 |
| 22) Nitrobenzene | 9.134 | 77 | 446380 | 32.777 | ng/ul# | 85 |
| 23) Isophorone | 9.663 | 82 | 866888 | 32.228 | ng/ul# | 97 |
| 25) 2-Nitrophenol | 9.851 | 139 | 216000 | 33.596 | ng/ul# | 80 |
| 26) 2,4-Dimethylphenol | 9.910 | 107 | 414590 | 29.784 | ng/ul# | 80 |
| 27) Bis(2-Chloroethoxy)met... | 10.145 | 93 | 512721 | 32.521 | ng/ul# | 97 |
| 29) 2,4-Dichlorophenol | 10.387 | 162 | 372427 | 32.783 | ng/ul# | 83 |
| 30) Naphthalene | 10.787 | 128 | 1186296 | 32.432 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.898 | 127 | 488003 | 29.225 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.081 | 225 | 263798 | 32.765 | ng/ul | 94 |
| 34) Caprolactam | 11.669 | 113 | 126037m | 30.843 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.022 | 107 | 425836 | 31.030 | ng/ul# | 68 |
| 36) 2-Methylnaphthalene | 12.392 | 142 | 841036 | 31.703 | ng/ul | 92 |

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.616 | 142 | 851662 | 31.618 | ng/ul# | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 12.769 | 216 | 485360 | 33.401 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 12.751 | 237 | 268604 | 32.800 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.004 | 196 | 313088 | 33.300 | ng/ul# | 82 |
| 42) 2,4,5-Trichlorophenol | 13.075 | 196 | 337179 | 32.961 | ng/ul# | 85 |
| 43) 1,1'-Biphenyl | 13.404 | 154 | 1157608 | 33.370 | ng/ul | 94 |
| 44) 2-Chloronaphthalene | 13.445 | 162 | 889415 | 33.130 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.639 | 65 | 288410 | 33.131 | ng/ul# | 79 |
| 47) Dimethylphthalate | 14.022 | 163 | 1156509 | 32.524 | ng/ul# | 92 |
| 48) 2,6-Dinitrotoluene | 14.139 | 165 | 245224 | 33.605 | ng/ul | 91 |
| 50) Acenaphthylene | 14.286 | 152 | 1441211 | 32.858 | ng/ul | 95 |
| 51) 3-Nitroaniline | 14.469 | 138 | 222886 | 33.717 | ng/ul# | 79 |
| 52) Acenaphthene | 14.628 | 153 | 923834 | 32.392 | ng/ul | 96 |
| 53) 2,4-Dinitrophenol | 14.675 | 184 | 124204 | 30.459 | ng/ul# | 82 |
| 55) 4-Nitrophenol | 14.775 | 109 | 166259 | 28.411 | ng/ul# | 48 |
| 56) Dibenzofuran | 14.963 | 168 | 1360901 | 32.224 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.928 | 165 | 353264 | 33.138 | ng/ul# | 87 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.192 | 232 | 297554 | 32.722 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.386 | 149 | 1185252 | 32.771 | ng/ul | 94 |
| 61) Fluorene | 15.616 | 166 | 1113210 | 32.104 | ng/ul | 92 |
| 62) 4-Chlorophenyl-phenyle... | 15.610 | 204 | 584219 | 32.014 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.627 | 138 | 231962m | 36.062 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.692 | 198 | 200506 | 33.307 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.822 | 169 | 951635 | 33.611 | ng/ul | 94 |
| 68) 4-Bromophenyl-phenylether | 16.504 | 248 | 361030 | 34.301 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.627 | 284 | 411935 | 33.718 | ng/ul# | 91 |
| 70) Atrazine | 16.774 | 200 | 377774 | 32.819 | ng/ul# | 89 |
| 71) Pentachlorophenol | 16.969 | 266 | 244327 | 31.403 | ng/ul# | 85 |
| 72) Phenanthrene | 17.363 | 178 | 1763015 | 32.871 | ng/ul | 98 |
| 74) Anthracene | 17.451 | 178 | 1752659 | 32.444 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.369 | 216 | 511915 | 35.535 | ng/uL# | 85 |
| 76) Pentachlorobenzene | 14.892 | 250 | 479958 | 33.975 | ng/uL | 89 |
| 77) Carbazole | 17.721 | 167 | 1528275 | 31.970 | ng/ul# | 95 |
| 78) Di-n-butylphthalate | 18.274 | 149 | 2004264 | 34.079 | ng/ul# | 93 |
| 80) Fluoranthene | 19.327 | 202 | 2092287 | 36.828 | ng/ul | 96 |
| 82) Pyrene | 19.680 | 202 | 2098880 | 35.859 | ng/ul# | 94 |
| 83) Butylbenzylphthalate | 20.545 | 149 | 900666 | 37.226 | ng/ul# | 80 |
| 84) 3,3'-Dichlorobenzidine | 21.315 | 252 | 584776 | 36.695 | ng/ul# | 93 |
| 85) Benzo(a)anthracene | 21.386 | 228 | 1871985 | 33.305 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.310 | 149 | 1310373 | 36.543 | ng/ul# | 82 |
| 87) Chrysene | 21.439 | 228 | 1828738 | 33.043 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.251 | 149 | 2132892 | 40.711 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.104 | 252 | 1656860 | 36.570 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.156 | 252 | 1506725 | 35.109 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.745 | 252 | 1447520 | 34.550 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.415 | 276 | 1372783 | 32.938 | ng/ul# | 95 |
| 95) Dibenzo(a,h)anthracene | 26.433 | 278 | 1184059 | 33.202 | ng/ul# | 94 |
| 96) Benzo(g,h,i)perylene | 27.203 | 276 | 1179054 | 33.527 | ng/ul# | 92 |

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

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