Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018337.D
Acq On : 24 Nov 2023 20:42
Operator : MA/JU
Sample : 05336-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCKC1

Quant Time: Nov 24 22:37:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 372399 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.669 | 136 | 1420158 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.498 | 164 | 833358 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 1859636 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.351 | 240 | 1851501 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.786 | 264 | 2130378 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 32745 | 3.293 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 148889 | 5.449 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.028 | 99 | 172598 | 5.071 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.205 | 67 | 526624 | 25.877 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.399 | 132 | 559146 | 19.568 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.575 | 113 | 342043 | 12.454 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.028 | 128 | 336023 | 29.131 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.751 | 143 | 294677 | 27.661 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.287 | 165 | 617297 | 24.018 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.804 | 131 | 473030 | 13.646 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.916 | 166 | 2112660 | 28.491 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.192 | 160 | 2408323 | 28.503 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.686 | 143 | 44717 | 4.368 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.492 | 176 | 1867606 | 30.112 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200 | 183514 | 23.182 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.345 | 188 | 3058478 | 30.770 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.586 | 212 | 3789297 | 25.715 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.627 | 264 | 3974162 | 32.177 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 160 | 0.015 | ng/uL# | 26 |
| 5) Pyridine | 3.722 | 79 | 1552 | 0.056 | ng/ul# | 1 |
| 6) Benzaldehyde | 7.010 | 77 | 695 | 0.039 | ng/ul# | 22 |
| 8) Phenol | 7.052 | 94 | 872 | 0.026 | ng/ul# | 1 |
| 10) Bis(2-Chloroethyl)ether | 7.299 | 93 | 268 | 0.010 | ng/ul# | 78 |
| 12) 2-Chlorophenol | 7.416 | 128 | 296 | 0.010 | ng/ul# | 1 |
| 13) 2-Methylphenol | 8.357 | 108 | 82 | 0.003 | ng/ul | 95 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.416 | 45 | 191 | 0.005 | ng/ul# | 1 |
| 16) Acetophenone | 8.693 | 105 | 523 | 0.012 | ng/ul# | 1 |
| 17) N-Nitroso-di-n-propyla... | 8.687 | 70 | 212 | 0.009 | ng/ul# | 75 |
| 18) 4-Methylphenol | 8.593 | 108 | 133 | 0.005 | ng/ul | 92 |
| 19) Hexachloroethane | 8.951 | 117 | 94 | 0.008 | ng/ul# | 5 |
| 22) Nitrobenzene | 9.069 | 77 | 378 | 0.014 | ng/ul# | 53 |
| 23) Isophorone | 9.587 | 82 | 261 | 0.004 | ng/ul# | 20 |
| 25) 2-Nitrophenol | 9.769 | 139 | 44 | 0.004 | ng/ul# | 1 |
| 26) 2,4-Dimethylphenol | 9.869 | 107 | 137 | 0.005 | ng/ul | 90 |
| 27) Bis(2-Chloroethoxy)met... | 10.098 | 93 | 134 | 0.004 | ng/ul# | 70 |
| 29) 2,4-Dichlorophenol | 10.346 | 162 | 2168 | 0.088 | ng/ul | 95 |
| 30) Naphthalene | 10.716 | 128 | 1568 | 0.018 | ng/ul# | 64 |
| 32) 4-Chloroaniline | 10.828 | 127 | 1384 | 0.042 | ng/ul# | 11 |
| 33) Hexachlorobutadiene | 11.028 | 225 | 43 | 0.003 | ng/ul# | 28 |
| 34) Caprolactam | 11.587 | 113 | 101 | 0.014 | ng/ul# | 4 |
| 35) 4-Chloro-3-methylphenol | 11.951 | 107 | 385 | 0.015 | ng/ul# | 53 |
| 36) 2-Methylnaphthalene | 12.322 | 142 | 312 | 0.005 | ng/ul | 96 |

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**ClientSampleId :**
DCKC1

Quant Time: Nov 24 22:37:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.551 | 142 | 269 | 0.004 | ng/ul# | 84 |
| 39) 1,2,4,5-Tetrachloroben... | 12.692 | 216 | 16744 | 0.569 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 12.687 | 237 | 74 | 0.004 | ng/ul# | 58 |
| 41) 2,4,6-Trichlorophenol | 12.940 | 196 | 174 | 0.010 | ng/ul# | 47 |
| 42) 2,4,5-Trichlorophenol | 12.998 | 196 | 1842 | 0.096 | ng/ul# | 93 |
| 43) 1,1'-Biphenyl | 13.339 | 154 | 564 | 0.008 | ng/ul# | 80 |
| 44) 2-Chloronaphthalene | 13.375 | 162 | 213 | 0.004 | ng/ul# | 69 |
| 45) 2-Nitroaniline | 13.569 | 65 | 152 | 0.012 | ng/ul# | 40 |
| 47) Dimethylphthalate | 13.963 | 163 | 1552 | 0.021 | ng/ul# | 76 |
| 48) 2,6-Dinitrotoluene | 14.069 | 165 | 110 | 0.009 | ng/ul# | 71 |
| 50) Acenaphthylene | 14.216 | 152 | 2604 | 0.028 | ng/ul# | 75 |
| 51) 3-Nitroaniline | 14.398 | 138 | 411 | 0.034 | ng/ul# | 74 |
| 52) Acenaphthene | 14.563 | 153 | 1276 | 0.021 | ng/ul# | 76 |
| 53) 2,4-Dinitrophenol | 14.586 | 184 | 65 | 0.015 | ng/ul# | 28 |
| 55) 4-Nitrophenol | 14.698 | 109 | 277 | 0.037 | ng/ul# | 35 |
| 56) Dibenzofuran | 14.898 | 168 | 407850 | 4.849 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.863 | 165 | 62 | 0.004 | ng/ul# | 88 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 2967 | 0.198 | ng/ul# | 84 |
| 59) Diethylphthalate | 15.328 | 149 | 1964 | 0.027 | ng/ul# | 78 |
| 61) Fluorene | 15.545 | 166 | 124948 | 1.822 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.545 | 204 | 618 | 0.018 | ng/ul# | 71 |
| 63) 4-Nitroaniline | 15.692 | 138 | 93 | 0.008 | ng/ul | 85 |
| 67) N-Nitrosodiphenylamine | 15.757 | 169 | 742 | 0.012 | ng/ul# | 92 |
| 68) 4-Bromophenyl-phenylether | 16.439 | 248 | 338 | 0.014 | ng/ul# | 37 |
| 69) Hexachlorobenzene | 16.539 | 284 | 369 | 0.014 | ng/ul# | 51 |
| 70) Atrazine | 16.716 | 200 | 136 | 0.007 | ng/ul# | 33 |
| 71) Pentachlorophenol | 16.892 | 266 | 9643 | 0.715 | ng/ul# | 89 |
| 72) Phenanthrene | 17.286 | 178 | 6266 | 0.055 | ng/ul# | 86 |
| 74) Anthracene | 17.386 | 178 | 5295 | 0.046 | ng/ul# | 92 |
| 75) 1,2,3,4-Tetrachloroben... | 13.298 | 216 | 6596 | 0.206 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.810 | 250 | 13011 | 0.419 | ng/uL | 98 |
| 77) Carbazole | 17.651 | 167 | 27232 | 0.294 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.222 | 149 | 3114 | 0.024 | ng/ul# | 81 |
| 80) Fluoranthene | 19.263 | 202 | 5816 | 0.033 | ng/ul# | 93 |
| 82) Pyrene | 19.616 | 202 | 8035 | 0.045 | ng/ul# | 92 |
| 83) Butylbenzylphthalate | 20.510 | 149 | 337 | 0.005 | ng/ul# | 62 |
| 84) 3,3'-Dichlorobenzidine | 21.280 | 252 | 754 | 0.017 | ng/ul# | 45 |
| 85) Benzo(a)anthracene | 21.357 | 228 | 7506 | 0.050 | ng/ul# | 62 |
| 86) Bis(2-ethylhexyl)phtha... | 21.186 | 149 | 140 | 0.001 | ng/ul | 97 |
| 87) Chrysene | 21.563 | 228 | 47 | 0.000 | ng/ul | 95 |
| 89) Di-n-octyl phthalate | 22.239 | 149 | 728 | 0.005 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.039 | 252 | 2867 | 0.019 | ng/ul# | 47 |
| 91) Benzo(k)fluoranthene | 23.092 | 252 | 3851 | 0.025 | ng/ul# | 56 |
| 93) Benzo(a)pyrene | 23.710 | 252 | 134 | 0.001 | ng/ul# | 1 |
| 94) Indeno(1,2,3-cd)pyrene | 26.345 | 276 | 559 | 0.003 | ng/ul# | 88 |
| 95) Dibenzo(a,h)anthracene | 26.380 | 278 | 2934 | 0.022 | ng/ul# | 80 |
| 96) Benzo(g,h,i)perylene | 27.139 | 276 | 535 | 0.004 | ng/ul# | 62 |

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

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