Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011852.D
Acq On : 01 Oct 2022 09:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020760

Quant Time: Oct 03 00:57:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 01 00:53:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.893 | 152 | 241180 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.704 | 136 | 1129773 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.539 | 164 | 752243 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.298 | 188 | 1646567 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 1708482 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.821 | 264 | 1864614 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.305 | 96 | 48623 | 8.891 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.728 | 84 | 345491 | 21.569 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.052 | 99 | 444204 | 21.334 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.222 | 67 | 256603 | 22.234 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.422 | 132 | 362803 | 22.073 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.604 | 113 | 375660 | 21.826 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 186000 | 21.614 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.781 | 143 | 202567 | 22.002 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.322 | 165 | 381468 | 22.401 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.840 | 131 | 582079 | 22.421 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.951 | 166 | 1210365 | 22.500 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.234 | 160 | 1386072 | 22.602 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.734 | 143 | 244603 | 21.958 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.534 | 176 | 1042435 | 22.314 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200 | 210563 | 21.128 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.398 | 188 | 1662009 | 22.159 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.633 | 212 | 1909108 | 22.064 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.663 | 264 | 2077584 | 22.258 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.340 | 88 | 50868 | 8.612 | ng/uL | 93 |
| 5) Pyridine | 3.746 | 79 | 341612 | 21.973 | ng/ul | 99 |
| 6) Benzaldehyde | 7.034 | 77 | 234608 | 25.722 | ng/ul | 99 |
| 8) Phenol | 7.081 | 94 | 464132 | 21.492 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.316 | 93 | 380970 | 22.170 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.452 | 128 | 389768 | 22.182 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.334 | 108 | 367667 | 21.609 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.428 | 45 | 378837 | 22.363 | ng/ul | 98 |
| 16) Acetophenone | 8.722 | 105 | 595684 | 22.700 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.704 | 70 | 283038 | 22.916 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.663 | 108 | 410689 | 21.908 | ng/ul | 98 |
| 19) Hexachloroethane | 8.975 | 117 | 142871 | 21.800 | ng/ul | 98 |
| 22) Nitrobenzene | 9.104 | 77 | 409564 | 22.130 | ng/ul | 100 |
| 23) Isophorone | 9.634 | 82 | 843084 | 22.456 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.816 | 139 | 232402 | 22.101 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.875 | 107 | 440700 | 22.310 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.116 | 93 | 542101 | 22.380 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.346 | 162 | 395423 | 22.410 | ng/ul | 98 |
| 30) Naphthalene | 10.751 | 128 | 1330161 | 21.920 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.863 | 127 | 603511 | 22.722 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.040 | 225 | 227920 | 21.822 | ng/ul | 98 |
| 34) Caprolactam | 11.651 | 113 | 131971 | 21.133 | ng/ul | 94 |
| 35) 4-Chloro-3-methylphenol | 11.987 | 107 | 424589 | 22.694 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.363 | 142 | 944876 | 22.297 | ng/ul | 100 |

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BNA_P
**ClientSampleId :**
SSTD020760

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 01 00:53:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.581 | 142 | 949472 | 22.329 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.728 | 216 | 488790 | 22.406 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.710 | 237 | 261112 | 20.952 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.969 | 196 | 324830 | 22.244 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.040 | 196 | 358471 | 22.535 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.375 | 154 | 1250655 | 22.478 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.416 | 162 | 984218 | 22.374 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.622 | 65 | 241907 | 22.528 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.998 | 163 | 1275491 | 22.625 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.116 | 165 | 249781 | 22.734 | ng/ul | 97 |
| 50) Acenaphthylene | 14.263 | 152 | 1544265 | 22.674 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.445 | 138 | 275735 | 21.652 | ng/ul | 99 |
| 52) Acenaphthene | 14.604 | 153 | 1078733 | 22.449 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.651 | 184 | 147096 | 19.747 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.751 | 109 | 167761 | 22.309 | ng/ul | 98 |
| 56) Dibenzofuran | 14.939 | 168 | 1488646 | 22.618 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 14.904 | 165 | 370590 | 23.076 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.163 | 232 | 311876 | 22.569 | ng/ul | 100 |
| 59) Diethylphthalate | 15.363 | 149 | 1276030 | 22.593 | ng/ul | 100 |
| 61) Fluorene | 15.592 | 166 | 1220569 | 22.643 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.586 | 204 | 603594 | 22.618 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.616 | 138 | 271775 | 22.365 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylph... | 15.669 | 198 | 227018 | 21.502 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.798 | 169 | 1070037 | 22.030 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.486 | 248 | 364707 | 21.776 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.598 | 284 | 418014 | 21.933 | ng/ul | 99 |
| 70) Atrazine | 16.757 | 200 | 385643 | 22.004 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.945 | 266 | 261814 | 20.886 | ng/ul | 99 |
| 72) Phenanthrene | 17.339 | 178 | 2003366 | 22.139 | ng/ul | 100 |
| 74) Anthracene | 17.433 | 178 | 2030961 | 22.307 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.340 | 216 | 489262 | 21.528 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.857 | 250 | 531110 | 21.870 | ng/uL | 99 |
| 77) Carbazole | 17.704 | 167 | 1866401 | 22.689 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.251 | 149 | 2223253 | 22.070 | ng/ul | 100 |
| 80) Fluoranthene | 19.304 | 202 | 2335490 | 22.056 | ng/ul | 100 |
| 82) Pyrene | 19.657 | 202 | 2450666 | 22.228 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 1041856 | 21.865 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.304 | 252 | 912139 | 23.191 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.369 | 228 | 2504489 | 22.416 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149 | 1565848 | 21.816 | ng/ul | 99 |
| 87) Chrysene | 21.421 | 228 | 2334864 | 22.268 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.227 | 149 | 2708036 | 22.764 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.074 | 252 | 2620518 | 22.019 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.127 | 252 | 2637597 | 23.014 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.715 | 252 | 2377649 | 22.387 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.362 | 276 | 2949516 | 21.818 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.380 | 278 | 2653855 | 22.099 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.145 | 276 | 2603432 | 21.722 | ng/ul | 98 |

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

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