Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
Data File : BP012922.D
Acq On : 01 Dec 2022 18:05
Operator : CG/JU
Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010625

Quant Time: Dec 01 22:56:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 22:54:44 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.005 | 152 | 369391 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.822 | 136 | 1785845 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.640 | 164 | 1341170 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.398 | 188 | 3140022 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.480 | 240 | 3434447 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.986 | 264 | 3678634 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.387 | 96 | 33529 | 3.890 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.823 | 84 | 254408 | 9.862 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.158 | 99 | 315520 | 10.395 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.328 | 67 | 191455 | 10.236 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.534 | 132 | 238655 | 10.318 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.711 | 113 | 258869 | 10.585 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.169 | 128 | 118164 | 10.811 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.899 | 143 | 134388 | 11.579 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.434 | 165 | 283272 | 10.461 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.957 | 131 | 415825 | 11.213 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.046 | 166 | 967198 | 10.477 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.334 | 160 | 1054319 | 9.788 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.822 | 143 | 181545 | 11.030 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.634 | 176 | 848172 | 10.491 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200 | 149411 | 9.956 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.492 | 188 | 1389317 | 10.051 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.722 | 212 | 1707608 | 8.557 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.822 | 264 | 1758173 | 9.730 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.428 | 88 | 36546 | 3.948 | ng/uL# | 84 |
| 5) Pyridine | 3.840 | 79 | 246382 | 9.761 | ng/ul | 96 |
| 6) Benzaldehyde | 7.140 | 77 | 168764 | 11.387 | ng/ul | 98 |
| 8) Phenol | 7.181 | 94 | 330997 | 10.399 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.422 | 93 | 270270 | 10.364 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.564 | 128 | 255002 | 10.135 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.446 | 108 | 254520 | 10.289 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.540 | 45 | 382937 | 10.180 | ng/ul | 99 |
| 16) Acetophenone | 8.834 | 105 | 439066 | 11.327 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.816 | 70 | 218633 | 11.450 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.769 | 108 | 290617 | 10.667 | ng/ul | 99 |
| 19) Hexachloroethane | 9.093 | 117 | 96964 | 10.050 | ng/ul | 94 |
| 22) Nitrobenzene | 9.216 | 77 | 299253 | 10.439 | ng/ul | 99 |
| 23) Isophorone | 9.740 | 82 | 647159 | 10.240 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.928 | 139 | 153341 | 11.007 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.987 | 107 | 315422 | 10.189 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.222 | 93 | 401530 | 10.363 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.463 | 162 | 289931 | 10.335 | ng/ul | 99 |
| 30) Naphthalene | 10.869 | 128 | 958345 | 10.248 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.981 | 127 | 436868 | 11.471 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.157 | 225 | 187109 | 10.014 | ng/ul | 98 |
| 34) Caprolactam | 11.752 | 113 | 102572 | 11.907 | ng/ul | 91 |
| 35) 4-Chloro-3-methylphenol | 12.093 | 107 | 327866 | 11.541 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.475 | 142 | 692860 | 10.759 | ng/ul | 98 |

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Operator : CG/JU
Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010625

Quant Time: Dec 01 22:56:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 37) | 1-Methylnaphthalene | 12.693 | 142 | 699618 | 10.840 | ng/ul | 100 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.840 | 216 | 400186 | 9.357 | ng/ul | 98 |
| 40) | Hexachlorocyclopentadiene | 12.822 | 237 | 182288 | 8.846 | ng/ul | 99 |
| 41) | 2,4,6-Trichlorophenol | 13.075 | 196 | 271243 | 10.136 | ng/ul | 99 |
| 42) | 2,4,5-Trichlorophenol | 13.146 | 196 | 286390 | 9.956 | ng/ul | 99 |
| 43) | 1,1'-Biphenyl | 13.475 | 154 | 958008 | 9.806 | ng/ul | 99 |
| 44) | 2-Chloronaphthalene | 13.516 | 162 | 758161 | 9.700 | ng/ul | 98 |
| 45) | 2-Nitroaniline | 13.722 | 65 | 189156 | 12.369 | ng/ul | 98 |
| 47) | Dimethylphthalate | 14.093 | 163 | 1010263 | 10.440 | ng/ul | 100 |
| 48) | 2,6-Dinitrotoluene | 14.210 | 165 | 168801 | 11.146 | ng/ul | 92 |
| 50) | Acenaphthylene | 14.363 | 152 | 1170411 | 9.937 | ng/ul | 100 |
| 51) | 3-Nitroaniline | 14.540 | 138 | 182031 | 10.379 | ng/ul | 95 |
| 52) | Acenaphthene | 14.704 | 153 | 841606 | 10.150 | ng/ul | 99 |
| 53) | 2,4-Dinitrophenol | 14.746 | 184 | 98978 | 10.171 | ng/ul | 96 |
| 55) | 4-Nitrophenol | 14.840 | 109 | 136717 | 11.434 | ng/ul | 97 |
| 56) | Dibenzofuran | 15.040 | 168 | 1192041 | 10.430 | ng/ul | 99 |
| 57) | 2,4-Dinitrotoluene | 14.998 | 165 | 260641 | 11.663 | ng/ul | 100 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.263 | 232 | 277093 | 11.176 | ng/ul | 99 |
| 59) | Diethylphthalate | 15.457 | 149 | 1010299 | 10.786 | ng/ul | 100 |
| 61) | Fluorene | 15.687 | 166 | 1009175 | 11.010 | ng/ul | 100 |
| 62) | 4-Chlorophenyl-phenyle... | 15.681 | 204 | 510393 | 10.732 | ng/ul | 99 |
| 63) | 4-Nitroaniline | 15.704 | 138 | 173089 | 11.579 | ng/ul | 98 |
| 66) | 4,6-Dinitro-2-methylph... | 15.757 | 198 | 165699 | 10.286 | ng/ul# | 94 |
| 67) | N-Nitrosodiphenylamine | 15.893 | 169 | 875437 | 9.810 | ng/ul | 100 |
| 68) | 4-Bromophenyl-phenylether | 16.581 | 248 | 295493 | 9.561 | ng/ul | 100 |
| 69) | Hexachlorobenzene | 16.698 | 284 | 383735 | 9.742 | ng/ul | 99 |
| 70) | Atrazine | 16.845 | 200 | 319903 | 10.448 | ng/ul | 100 |
| 71) | Pentachlorophenol | 17.040 | 266 | 226811 | 9.377 | ng/ul | 99 |
| 72) | Phenanthrene | 17.439 | 178 | 1699164 | 10.153 | ng/ul | 99 |
| 74) | Anthracene | 17.528 | 178 | 1692478 | 10.223 | ng/ul | 99 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.440 | 216 | 409478 | 8.435 | ng/uL | 99 |
| 76) | Pentachlorobenzene | 14.957 | 250 | 463874 | 9.193 | ng/uL | 98 |
| 77) | Carbazole | 17.798 | 167 | 1569016 | 11.202 | ng/ul | 100 |
| 78) | Di-n-butylphthalate | 18.339 | 149 | 2078229 | 12.534 | ng/ul | 100 |
| 80) | Fluoranthene | 19.398 | 202 | 2065929 | 8.323 | ng/ul | 100 |
| 82) | Pyrene | 19.751 | 202 | 2183415 | 8.505 | ng/ul | 99 |
| 83) | Butylbenzylphthalate | 20.616 | 149 | 818419 | 13.623 | ng/ul | 99 |
| 84) | 3,3'-Dichlorobenzidine | 21.392 | 252 | 676154 | 10.721 | ng/ul | 98 |
| 85) | Benzo(a)anthracene | 21.463 | 228 | 2234804 | 9.408 | ng/ul | 99 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.375 | 149 | 1209819 | 13.168 | ng/ul | 99 |
| 87) | Chrysene | 21.522 | 228 | 2107575 | 9.176 | ng/ul | 99 |
| 89) | Di-n-octyl phthalate | 22.339 | 149 | 2031543 | 9.671 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.216 | 252 | 2381682 | 8.743 | ng/ul | 99 |
| 91) | Benzo(k)fluoranthene | 23.269 | 252 | 2248832 | 8.270 | ng/ul | 100 |
| 93) | Benzo(a)pyrene | 23.874 | 252 | 2078182 | 9.278 | ng/ul | 99 |
| 94) | Indeno(1,2,3-cd)pyrene | 26.615 | 276 | 2487368 | 11.510 | ng/ul | 100 |
| 95) | Dibenzo(a,h)anthracene | 26.633 | 278 | 2246608 | 11.457 | ng/ul | 99 |
| 96) | Benzo(g,h,i)perylene | 27.421 | 276 | 2148701 | 11.559 | ng/ul | 99 |

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

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Data File : BP012922.D
Acq On : 01 Dec 2022 18:05
Operator : CG/JU
Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD010625

Quant Time: Dec 01 22:56:13 2022
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