Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102522\
Data File : BP012320.D
Acq On : 25 Oct 2022 18:10
Operator : CG/JU
Sample : SSTD04089
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 10:07:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 26 10:05:01 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040606

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay

10/27/2022

Supervised By :mohammad ahmed

10/27/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.816 | 152 | 368989 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.616 | 136 | 1701446 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.463 | 164 | 1077551 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 2266240 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.316 | 240 | 2221248 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.716 | 264 | 2413927 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.252 | 96 | 149681 | 16.455 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.670 | 84 | 1114955 | 42.566 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.987 | 99 | 1414438 | 44.285 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.152 | 67 | 845698 | 43.721 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.346 | 132 | 1063274 | 44.058 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 1129928 | 45.441 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.987 | 128 | 529406 | 43.467 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.704 | 143 | 570945 | 43.846 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.246 | 165 | 1098025 | 43.491 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.763 | 131 | 1581950 | 43.693 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.881 | 166 | 3172315 | 42.688 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.157 | 160 | 3676616 | 43.446 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.687 | 143 | 629556 | 45.450 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.463 | 176 | 2642852 | 41.386 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200 | 515063 | 41.264 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.328 | 188 | 4112824 | 41.889 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.563 | 212 | 4740516 | 38.812 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.563 | 264 | 5111577 | 42.738 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.287 | 88 | 158772 | 16.284 | ng/uL | 99 |
| 5) Pyridine | 3.693 | 79 | 1094252 | 42.552 | ng/ul | 98 |
| 6) Benzaldehyde | 6.963 | 77 | 743223 | 50.071 | ng/ul | 99 |
| 8) Phenol | 7.016 | 94 | 1469034 | 44.094 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.246 | 93 | 1187815 | 44.118 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.381 | 128 | 1145781 | 43.989 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.263 | 108 | 1146640 | 45.554 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.352 | 45 | 1582262 | 44.245 | ng/ul | 99 |
| 16) Acetophenone | 8.646 | 105 | 1765522 | 45.794 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.640 | 70 | 875469 | 45.105 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.599 | 108 | 1247730 | 45.330 | ng/ul | 100 |
| 19) Hexachloroethane | 8.887 | 117 | 433922 | 42.461 | ng/ul | 99 |
| 22) Nitrobenzene | 9.028 | 77 | 1301133 | 43.108 | ng/ul | 100 |
| 23) Isophorone | 9.557 | 82 | 2636498 | 44.765 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.740 | 139 | 661520 | 44.119 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.799 | 107 | 1304339 | 43.059 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.040 | 93 | 1644296 | 42.925 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.269 | 162 | 1122663 | 42.980 | ng/ul | 99 |
| 30) Naphthalene | 10.669 | 128 | 3736357 | 41.375 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.793 | 127 | 1634999 | 43.830 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.946 | 225 | 672826 | 41.196 | ng/ul | 98 |
| 34) Caprolactam | 11.599 | 113 | 382497m | 46.547 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.916 | 107 | 1243262 | 43.797 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.281 | 142 | 2606729 | 42.382 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.498 | 142 | 2584697 | 42.004 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.651 | 216 | 1347754 | 41.766 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.622 | 237 | 608028 | 36.717 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.898 | 196 | 911415 | 43.842 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.969 | 196 | 987985 | 43.546 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.298 | 154 | 3292400 | 41.483 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.340 | 162 | 2604561 | 41.544 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.557 | 65 | 733981 | 45.066 | ng/ul | 93 |
| 47) Dimethylphthalate | 13.928 | 163 | 3287992 | 42.220 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.057 | 165 | 658559 | 45.270 | ng/ul | 95 |
| 50) Acenaphthylene | 14.187 | 152 | 4004435 | 42.393 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.387 | 138 | 731996 | 47.041 | ng/ul | 98 |
| 52) Acenaphthene | 14.528 | 153 | 2749383 | 41.150 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.598 | 184 | 375737 | 42.628 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.704 | 109 | 457714 | 44.462 | ng/ul | 98 |
| 56) Dibenzofuran | 14.869 | 168 | 3712575 | 40.631 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 960443 | 45.752 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.098 | 232 | 840838 | 43.640 | ng/ul | 96 |
| 59) Diethylphthalate | 15.298 | 149 | 3268521 | 42.687 | ng/ul | 99 |
| 61) Fluorene | 15.522 | 166 | 2924307 | 40.291 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.510 | 204 | 1434367 | 39.802 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.557 | 138 | 684149m | 47.391 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.610 | 198 | 552837 | 42.023 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.734 | 169 | 2633387 | 40.690 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.410 | 248 | 978662 | 41.564 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.522 | 284 | 1149197 | 41.382 | ng/ul | 99 |
| 70) Atrazine | 16.692 | 200 | 966385 | 42.849 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.875 | 266 | 721423 | 42.844 | ng/ul | 99 |
| 72) Phenanthrene | 17.269 | 178 | 4954473 | 41.188 | ng/ul | 100 |
| 74) Anthracene | 17.363 | 178 | 4910304 | 41.296 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216 | 1357422 | 40.971 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.781 | 250 | 1416669 | 40.500 | ng/uL | 99 |
| 77) Carbazole | 17.639 | 167 | 4624812 | 43.827 | ng/ul | 100 |
| 78) Di-n-butylphthalate | 18.180 | 149 | 5599022 | 44.337 | ng/ul | 100 |
| 80) Fluoranthene | 19.239 | 202 | 5834338 | 38.598 | ng/ul | 100 |
| 82) Pyrene | 19.592 | 202 | 5882950 | 38.031 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.463 | 149 | 2595082 | 43.115 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.239 | 252 | 2130463 | 44.340 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.304 | 228 | 5829770 | 40.608 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.222 | 149 | 3846002 | 44.440 | ng/ul | 99 |
| 87) Chrysene | 21.357 | 228 | 5511601 | 41.234 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.139 | 149 | 6768222 | 41.853 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.986 | 252 | 6564130 | 41.542 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.033 | 252 | 6109540 | 39.598 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.616 | 252 | 5674648 | 41.855 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.215 | 276 | 7170579 | 45.179 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.233 | 278 | 6400718 | 44.681 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.986 | 276 | 6339892 | 42.537 | ng/ul | 99 |

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

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