Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
Data File : BP010005.D
Acq On : 21 Apr 2022 08:25
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 60 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020765

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 08:55:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.940 | 152 | 156220 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.746 | 136 | 756178 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.575 | 164 | 618225 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.328 | 188 | 1405139 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.404 | 240 | 1456443 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.857 | 264 | 1310692 | 20.000 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.369 | 96 | 27813 | 7.946 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.787 | 84 | 208049 | 21.557 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.099 | 99 | 310941 | 22.671 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.269 | 67 | 184122 | 22.550 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.469 | 132 | 233429 | 22.563 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.652 | 113 | 278960 | 24.365 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.099 | 128 | 129716 | 23.788 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.828 | 143 | 149852 | 25.065 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.363 | 165 | 298452 | 23.857 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.875 | 131 | 441386 | 24.772 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.981 | 166 | 1031854 | 21.248 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.269 | 160 | 1240676 | 21.565 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.763 | 143 | 193091 | 21.925 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.569 | 176 | 887428 | 21.723 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.681 | 200 | 179623 | 21.579 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.422 | 188 | 1447120 | 21.510 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.651 | 212 | 1758852 | 22.112 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.698 | 264 | 1483598 | 21.736 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.405 | 88 | 27267 | 7.641 | ng/uL# | 20 |
| 5) Pyridine | 3.805 | 79 | 213408 | 21.193 | ng/ul# | 44 |
| 6) Benzaldehyde | 7.075 | 77 | 172859m | 20.551 | ng/ul | |
| 8) Phenol | 7.128 | 94 | 312105 | 22.734 | ng/ul# | 92 |
| 10) Bis(2-Chloroethyl)ether | 7.357 | 93 | 239516 | 22.398 | ng/ul# | 78 |
| 12) 2-Chlorophenol | 7.505 | 128 | 237326 | 22.754 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.381 | 108 | 247163 | 23.088 | ng/ul | 94 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.469 | 45 | 355871 | 22.513 | ng/ul# | 84 |
| 16) Acetophenone | 8.763 | 105 | 429851 | 23.829 | ng/ul# | 81 |
| 17) N-Nitroso-di-n-propyla... | 8.752 | 70 | 236633 | 25.302 | ng/ul# | 74 |
| 18) 4-Methylphenol | 8.710 | 108 | 284122 | 24.508 | ng/ul | 91 |
| 19) Hexachloroethane | 9.028 | 117 | 96017 | 21.804 | ng/ul | 85 |
| 22) Nitrobenzene | 9.140 | 77 | 317417 | 22.678 | ng/ul# | 84 |
| 23) Isophorone | 9.669 | 82 | 690433 | 23.938 | ng/ul# | 97 |
| 25) 2-Nitrophenol | 9.857 | 139 | 156666 | 24.570 | ng/ul# | 84 |
| 26) 2,4-Dimethylphenol | 9.916 | 107 | 345856 | 22.857 | ng/ul# | 79 |
| 27) Bis(2-Chloroethoxy)met... | 10.151 | 93 | 384323 | 22.696 | ng/ul# | 97 |
| 29) 2,4-Dichlorophenol | 10.393 | 162 | 284967 | 23.496 | ng/ul# | 85 |
| 30) Naphthalene | 10.799 | 128 | 845047 | 21.729 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.904 | 127 | 435917 | 24.722 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.093 | 225 | 174372 | 19.962 | ng/ul | 97 |
| 34) Caprolactam | 11.669 | 113 | 108524m | 27.057 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.028 | 107 | 369315m | 25.130 | ng/ul | |
| 36) 2-Methylnaphthalene | 12.404 | 142 | 655898 | 23.085 | ng/ul | 91 |

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 60 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020765

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 21 08:55:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
Response via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 37) | 1-Methylnaphthalene | 12.622 | 142 | 667521 | 23.269 | ng/ul# | 95 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.775 | 216 | 386368 | 20.427 | ng/ul | 93 |
| 40) | Hexachlorocyclopentadiene | 12.757 | 237 | 180033 | 13.716 | ng/ul | 96 |
| 41) | 2,4,6-Trichlorophenol | 13.010 | 196 | 269461 | 22.308 | ng/ul# | 83 |
| 42) | 2,4,5-Trichlorophenol | 13.081 | 196 | 295620 | 22.646 | ng/ul# | 89 |
| 43) | 1,1'-Biphenyl | 13.410 | 154 | 948577 | 21.029 | ng/ul | 93 |
| 44) | 2-Chloronaphthalene | 13.451 | 162 | 733392 | 21.151 | ng/ul | 93 |
| 45) | 2-Nitroaniline | 13.645 | 65 | 256459 | 25.239 | ng/ul# | 79 |
| 47) | Dimethylphthalate | 14.028 | 163 | 991614 | 21.216 | ng/ul# | 92 |
| 48) | 2,6-Dinitrotoluene | 14.145 | 165 | 216219 | 25.150 | ng/ul | 89 |
| 50) | Acenaphthylene | 14.292 | 152 | 1225031 | 21.576 | ng/ul | 96 |
| 51) | 3-Nitroaniline | 14.469 | 138 | 154553 | 17.292 | ng/ul# | 83 |
| 52) | Acenaphthene | 14.639 | 153 | 790012 | 21.251 | ng/ul | 97 |
| 53) | 2,4-Dinitrophenol | 14.675 | 184 | 123425 | 23.751 | ng/ul# | 80 |
| 55) | 4-Nitrophenol | 14.781 | 109 | 165691 | 20.438 | ng/ul# | 50 |
| 56) | Dibenzofuran | 14.969 | 168 | 1176699 | 21.507 | ng/ul | 98 |
| 57) | 2,4-Dinitrotoluene | 14.928 | 165 | 315708 | 25.008 | ng/ul# | 82 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.198 | 232 | 264036 | 22.184 | ng/ul# | 87 |
| 59) | Diethylphthalate | 15.392 | 149 | 1013112 | 20.944 | ng/ul | 94 |
| 61) | Fluorene | 15.622 | 166 | 981490 | 21.779 | ng/ul | 92 |
| 62) | 4-Chlorophenyl-phenyle... | 15.616 | 204 | 499698 | 20.854 | ng/ul | 98 |
| 63) | 4-Nitroaniline | 15.634 | 138 | 162930m | 18.200 | ng/ul | |
| 66) | 4,6-Dinitro-2-methylph... | 15.698 | 198 | 172259 | 20.819 | ng/ul# | 93 |
| 67) | N-Nitrosodiphenylamine | 15.828 | 169 | 852338 | 21.190 | ng/ul | 94 |
| 68) | 4-Bromophenyl-phenylether | 16.510 | 248 | 315557 | 20.747 | ng/ul | 96 |
| 69) | Hexachlorobenzene | 16.633 | 284 | 364684 | 20.851 | ng/ul# | 91 |
| 70) | Atrazine | 16.781 | 200 | 303060 | 18.254 | ng/ul# | 88 |
| 71) | Pentachlorophenol | 16.975 | 266 | 259208 | 21.896 | ng/ul# | 85 |
| 72) | Phenanthrene | 17.369 | 178 | 1606634 | 21.421 | ng/ul | 99 |
| 74) | Anthracene | 17.457 | 178 | 1631852 | 21.459 | ng/ul | 99 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.375 | 216 | 417031 | 20.528 | ng/uL# | 84 |
| 76) | Pentachlorobenzene | 14.898 | 250 | 417069 | 21.062 | ng/uL | 90 |
| 77) | Carbazole | 17.722 | 167 | 1449976 | 21.099 | ng/ul# | 95 |
| 78) | Di-n-butylphthalate | 18.275 | 149 | 1805724 | 21.368 | ng/ul# | 93 |
| 80) | Fluoranthene | 19.327 | 202 | 2009465 | 21.948 | ng/ul | 96 |
| 82) | Pyrene | 19.680 | 202 | 2053051 | 22.117 | ng/ul# | 94 |
| 83) | Butylbenzylphthalate | 20.551 | 149 | 873402 | 22.935 | ng/ul# | 78 |
| 84) | 3,3'-Dichlorobenzidine | 21.316 | 252 | 525089 | 16.919 | ng/ul# | 96 |
| 85) | Benzo(a)anthracene | 21.392 | 228 | 1998352 | 21.643 | ng/ul | 94 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.310 | 149 | 1276440 | 22.284 | ng/ul# | 82 |
| 87) | Chrysene | 21.445 | 228 | 1953061 | 21.924 | ng/ul | 99 |
| 89) | Di-n-octyl phthalate | 22.251 | 149 | 2204321 | 24.004 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.104 | 252 | 1949790 | 22.390 | ng/ul | 99 |
| 91) | Benzo(k)fluoranthene | 23.157 | 252 | 1761144 | 22.163 | ng/ul# | 98 |
| 93) | Benzo(a)pyrene | 23.751 | 252 | 1748653 | 21.663 | ng/ul | 99 |
| 94) | Indeno(1,2,3-cd)pyrene | 26.409 | 276 | 1692889 | 20.056 | ng/ul# | 96 |
| 95) | Dibenzo(a,h)anthracene | 26.433 | 278 | 1455982 | 19.892 | ng/ul# | 94 |
| 96) | Benzo(g,h,i)perylene | 27.198 | 276 | 1428583 | 20.526 | ng/ul# | 92 |

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 20 01:32:14 2022
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**Instrument :**
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