Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013275.D
Acq On : 23 Dec 2022 12:34
Operator : CG/JU
Sample : N6018-07MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBYH7MSD

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 00:24:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 00:19:17 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.946 | 152 | 624672 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.758 | 136 | 2639129 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.593 | 164 | 1614740 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.351 | 188 | 2963903 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.439 | 240 | 2318869 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.927 | 264 | 2717400 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.334 | 96 | 64215 | 4.395 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.758 | 84 | 956069 | 23.037 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.111 | 99 | 1426041 | 28.027 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.269 | 67 | 865298 | 28.192 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.475 | 132 | 1151164 | 28.740 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.663 | 113 | 1083583 | 25.991 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.116 | 128 | 583112 | 30.072 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.840 | 143 | 680341 | 31.166 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.381 | 165 | 1282756 | 30.253 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.899 | 131 | 1385891 | 23.152 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.999 | 166 | 3500401 | 28.206 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.281 | 160 | 3975964 | 29.157 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.798 | 143 | 517534 | 23.184 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.581 | 176 | 2916384 | 27.778 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.710 | 200 | 510120 | 26.745 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.451 | 188 | 3947738 | 29.523 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.681 | 212 | 3964374 | 29.784 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.769 | 264 | 4067584 | 30.031 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.370 | 88 | 180186 | 11.814 | ng/uL | 97 |
| 5) Pyridine | 3.781 | 79 | 1354439 | 32.837 | ng/ul | 99 |
| 6) Benzaldehyde | 7.081 | 77 | 1116649 | 56.047 | ng/ul | 97 |
| 8) Phenol | 7.134 | 94 | 1911955 | 37.165 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.364 | 93 | 1453790 | 34.430 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.505 | 128 | 1493553 | 36.362 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.393 | 108 | 1454029 | 36.253 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.475 | 45 | 2171737 | 37.482 | ng/ul | 97 |
| 16) Acetophenone | 8.775 | 105 | 2246913 | 35.149 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.763 | 70 | 1146889 | 35.678 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.728 | 108 | 1587828 | 35.742 | ng/ul | 100 |
| 19) Hexachloroethane | 9.028 | 117 | 562813 | 34.289 | ng/ul | 98 |
| 22) Nitrobenzene | 9.158 | 77 | 1709135 | 37.563 | ng/ul | 98 |
| 23) Isophorone | 9.687 | 82 | 3245399 | 35.274 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.869 | 139 | 887321 | 37.514 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.928 | 107 | 1703203 | 36.905 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.169 | 93 | 2006553 | 34.108 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.410 | 162 | 1540843 | 37.097 | ng/ul | 100 |
| 30) Naphthalene | 10.810 | 128 | 4844867 | 35.102 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.922 | 127 | 1752900 | 29.592 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.093 | 225 | 1053140 | 36.929 | ng/ul | 99 |
| 34) Caprolactam | 11.722 | 113 | 446275m | 31.511 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.046 | 107 | 1545850 | 36.469 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.416 | 142 | 3301566 | 34.868 | ng/ul | 99 |

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**ClientSampleId :**
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.634 | 142 | 3260598 | 33.484 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.781 | 216 | 2009497 | 38.648 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.757 | 237 | 561990 | 16.609 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 13.022 | 196 | 1305080 | 39.056 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.099 | 196 | 1383556 | 38.546 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.422 | 154 | 4396774 | 36.255 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.469 | 162 | 3473496 | 36.392 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.675 | 65 | 969415 | 41.891 | ng/ul | 96 |
| 47) Dimethylphthalate | 14.046 | 163 | 4195056 | 34.106 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.169 | 165 | 877111 | 38.371 | ng/ul | 99 |
| 50) Acenaphthylene | 14.316 | 152 | 5215910 | 35.578 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.498 | 138 | 827555 | 38.340 | ng/ul | 99 |
| 52) Acenaphthene | 14.657 | 153 | 3568709 | 35.127 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.704 | 184 | 431726 | 27.630 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.810 | 109 | 489985 | 32.169 | ng/ul | 97 |
| 56) Dibenzofuran | 14.987 | 168 | 4972094 | 34.422 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.957 | 165 | 1176995 | 35.448 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.216 | 232 | 1136428 | 34.694 | ng/ul | 98 |
| 59) Diethylphthalate | 15.410 | 149 | 4000966 | 33.461 | ng/ul | 99 |
| 61) Fluorene | 15.640 | 166 | 3925948 | 33.891 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.634 | 204 | 2138189 | 34.903 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.669 | 138 | 792236 | 41.712 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.722 | 198 | 623101 | 33.430 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.845 | 169 | 3340257 | 40.650 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.534 | 248 | 1317957 | 40.946 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.651 | 284 | 1478225 | 38.678 | ng/ul | 99 |
| 70) Atrazine | 16.804 | 200 | 1198782 | 37.437 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.998 | 266 | 815059 | 35.215 | ng/ul | 98 |
| 72) Phenanthrene | 17.392 | 178 | 5582129 | 36.159 | ng/ul | 100 |
| 74) Anthracene | 17.487 | 178 | 5515847 | 35.783 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.387 | 216 | 2007847 | 47.482 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.910 | 250 | 1845252 | 42.800 | ng/uL | 99 |
| 77) Carbazole | 17.757 | 167 | 4601563 | 35.447 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.292 | 149 | 5944920 | 37.612 | ng/ul | 100 |
| 80) Fluoranthene | 19.357 | 202 | 5759566 | 38.125 | ng/ul | 99 |
| 82) Pyrene | 19.710 | 202 | 5791172 | 37.162 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.575 | 149 | 2121474 | 35.239 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.351 | 252 | 1421931 | 27.144 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.428 | 228 | 5737072 | 37.269 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.333 | 149 | 2906079 | 34.220 | ng/ul | 99 |
| 87) Chrysene | 21.480 | 228 | 5374400 | 36.918 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.286 | 149 | 5103512 | 33.524 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.169 | 252 | 6282754 | 36.257 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.216 | 252 | 5941364 | 34.578 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.822 | 252 | 5462757 | 36.206 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.533 | 276 | 7359540 | 39.159 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.551 | 278 | 6175259 | 39.685 | ng/ul | 100 |
| 96) Benzo(g,h,i)perylene | 27.339 | 276 | 6102869 | 40.448 | ng/ul | 98 |

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

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