Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062822\
Data File : BP010908.D
Acq On : 28 Jun 2022 17:09
Operator : CG/JU
Sample : PB145854BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS854

Quant Time: Jun 28 23:21:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 23:12:49 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.705 | 152 | 426746 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.499 | 136 | 1686474 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.363 | 164 | 840806 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.128 | 188 | 1486530 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.239 | 240 | 1432458 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.604 | 264 | 1629195 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.205 | 96 | 69596 | 6.169 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.605 | 84 | 917971 | 30.569 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.887 | 99 | 1087372 | 32.188 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.052 | 67 | 686240 | 31.062 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.240 | 132 | 920935 | 32.859 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.428 | 113 | 844543 | 31.625 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.869 | 128 | 408553 | 38.054 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.587 | 143 | 400182 | 45.054 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.128 | 165 | 718479 | 32.737 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.646 | 131 | 992108 | 27.693 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.781 | 166 | 1776242 | 30.840 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.051 | 160 | 2302779 | 31.327 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.581 | 143 | 324240 | 36.042 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.363 | 176 | 1510840 | 30.568 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.487 | 200 | 198185 | 40.240 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.228 | 188 | 2114306 | 31.968 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.475 | 212 | 2357616 | 30.210 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.451 | 264 | 2725247 | 33.851 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.234 | 88 | 143474 | 11.926 | ng/uL# | 87 |
| 5) Pyridine | 3.628 | 79 | 917448 | 30.160 | ng/ul# | 72 |
| 6) Benzaldehyde | 6.852 | 77 | 726245 | 40.745 | ng/ul | 97 |
| 8) Phenol | 6.911 | 94 | 1118201 | 30.949 | ng/ul# | 85 |
| 10) Bis(2-Chloroethyl)ether | 7.140 | 93 | 894326 | 30.819 | ng/ul | 89 |
| 12) 2-Chlorophenol | 7.275 | 128 | 911178 | 31.495 | ng/ul | 90 |
| 13) 2-Methylphenol | 8.158 | 108 | 808547 | 30.059 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.240 | 45 | 1169892 | 30.048 | ng/ul# | 97 |
| 16) Acetophenone | 8.534 | 105 | 1241777 | 30.279 | ng/ul# | 89 |
| 17) N-Nitroso-di-n-propyla... | 8.522 | 70 | 595596 | 28.721 | ng/ul | 89 |
| 18) 4-Methylphenol | 8.487 | 108 | 856871 | 30.589 | ng/ul | 98 |
| 19) Hexachloroethane | 8.781 | 117 | 361152 | 30.824 | ng/ul# | 82 |
| 22) Nitrobenzene | 8.911 | 77 | 931181 | 34.756 | ng/ul | 90 |
| 23) Isophorone | 9.440 | 82 | 1597740 | 28.437 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.622 | 139 | 433509 | 40.303 | ng/ul# | 78 |
| 26) 2,4-Dimethylphenol | 9.687 | 107 | 867405 | 29.516 | ng/ul | 95 |
| 27) Bis(2-Chloroethoxy)met... | 9.928 | 93 | 1067710 | 30.124 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.152 | 162 | 708983 | 31.089 | ng/ul | 98 |
| 30) Naphthalene | 10.552 | 128 | 2691031 | 30.616 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.669 | 127 | 918239 | 25.870 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 10.834 | 225 | 426480 | 29.272 | ng/ul | 96 |
| 34) Caprolactam | 11.457 | 113 | 202655 | 28.288 | ng/ul | 87 |
| 35) 4-Chloro-3-methylphenol | 11.810 | 107 | 731773 | 29.607 | ng/ul | 92 |
| 36) 2-Methylnaphthalene | 12.169 | 142 | 1631963 | 28.672 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.393 | 142 | 1634719 | 28.910 | ng/ul# | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.540 | 216 | 752879 | 31.160 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.522 | 237 | 429826 | 28.074 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.787 | 196 | 472143 | 33.894 | ng/ul | 97 |
| 42) 2,4,5-Trichlorophenol | 12.857 | 196 | 505135 | 33.792 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.193 | 154 | 2028506 | 30.646 | ng/ul# | 98 |
| 44) 2-Chloronaphthalene | 13.228 | 162 | 1568753 | 31.462 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.446 | 65 | 415396 | 39.266 | ng/ul# | 77 |
| 47) Dimethylphthalate | 13.828 | 163 | 1761366 | 30.537 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 13.946 | 165 | 338418 | 39.158 | ng/ul | 94 |
| 50) Acenaphthylene | 14.081 | 152 | 2373786 | 29.486 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.275 | 138 | 367844 | 35.503 | ng/ul | 90 |
| 52) Acenaphthene | 14.428 | 153 | 1629629 | 31.372 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.481 | 184 | 117661 | 35.463 | ng/ul# | 81 |
| 55) 4-Nitrophenol | 14.593 | 109 | 240403 | 33.608 | ng/ul# | 78 |
| 56) Dibenzofuran | 14.763 | 168 | 2160443 | 30.363 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.734 | 165 | 468924 | 40.607 | ng/ul# | 84 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.993 | 232 | 371794 | 34.731 | ng/ul | 91 |
| 59) Diethylphthalate | 15.204 | 149 | 1694858 | 29.556 | ng/ul | 98 |
| 61) Fluorene | 15.416 | 166 | 1711656 | 30.169 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.416 | 204 | 781915 | 29.440 | ng/ul | 96 |
| 63) 4-Nitroaniline | 15.446 | 138 | 403230 | 42.093 | ng/ul# | 77 |
| 66) 4,6-Dinitro-2-methylph... | 15.498 | 198 | 201145 | 37.795 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.634 | 169 | 1421304 | 31.568 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.316 | 248 | 457600 | 30.716 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.422 | 284 | 525873 | 30.475 | ng/ul | 97 |
| 70) Atrazine | 16.604 | 200 | 451182 | 30.225 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.775 | 266 | 252829 | 28.455 | ng/ul | 97 |
| 72) Phenanthrene | 17.169 | 178 | 2527432 | 31.927 | ng/ul | 99 |
| 74) Anthracene | 17.263 | 178 | 2531987 | 31.801 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.152 | 216 | 772239 | 31.481 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.681 | 250 | 670171 | 31.855 | ng/uL | 100 |
| 77) Carbazole | 17.540 | 167 | 2354172 | 32.848 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.110 | 149 | 2550037 | 29.859 | ng/ul | 99 |
| 80) Fluoranthene | 19.151 | 202 | 2773262 | 28.894 | ng/ul# | 88 |
| 82) Pyrene | 19.504 | 202 | 2896172 | 29.879 | ng/ul# | 84 |
| 83) Butylbenzylphthalate | 20.398 | 149 | 1153924 | 33.821 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.163 | 252 | 987350 | 33.380 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.222 | 228 | 2938270 | 32.798 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.169 | 149 | 1600171 | 29.617 | ng/ul# | 97 |
| 87) Chrysene | 21.275 | 228 | 2781461 | 32.399 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.080 | 149 | 2844349 | 29.413 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.880 | 252 | 3286628 | 32.440 | ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 22.927 | 252 | 3253185 | 33.781 | ng/ul# | 95 |
| 93) Benzo(a)pyrene | 23.498 | 252 | 2962885 | 30.062 | ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.051 | 276 | 4087783 | 34.373 | ng/ul# | 91 |
| 95) Dibenzo(a,h)anthracene | 26.074 | 278 | 3409075 | 33.419 | ng/ul# | 93 |
| 96) Benzo(g,h,i)perylene | 26.804 | 276 | 3319520 | 32.814 | ng/ul# | 89 |

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

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