Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006660.D
Acq On : 12 Aug 2021 11:02
Operator : CG/JU
Sample : PB138110BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS110

**Manual Integrations APPROVED**
mohammad
8/13/2021 8:47:41 AM

Quant Time: Aug 12 11:07:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 12 11:07:37 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.710 | 152 | 137070 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.498 | 136 | 589694 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.357 | 164 | 350592 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.116 | 188 | 707456 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.221 | 240 | 717854 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.533 | 264 | 750050 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.216 | 96 | 30126 | 7.434 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.622 | 84 | 421788 | 36.206 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.893 | 99 | 505147 | 36.659 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.057 | 67 | 312296 | 36.878 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.246 | 132 | 391067 | 38.106 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.428 | 113 | 403522 | 36.656 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.869 | 128 | 197451 | 39.446 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.587 | 143 | 211679 | 40.414 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.122 | 165 | 346646 | 39.171 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.645 | 131 | 532967 | 37.054 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.780 | 166 | 1110958 | 41.320 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.045 | 160 | 1348790 | 40.898 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.575 | 143 | 236935 | 42.189 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.351 | 176 | 899321 | 41.127 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.486 | 200 | 185233 | 39.612 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.216 | 188 | 1372093 | 40.991 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.463 | 212 | 1582763 | 41.986 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.386 | 264 | 1630908 | 40.322 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 64070 | 15.560 | ng/uL | 98 |
| 5) Pyridine | 3.640 | 79 | 434983 | 36.068 | ng/ul | 99 |
| 6) Benzaldehyde | 6.863 | 77 | 342764 | 50.591 | ng/ul | 96 |
| 8) Phenol | 6.916 | 94 | 534431 | 37.976 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.146 | 93 | 407455 | 37.564 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.275 | 128 | 403296 | 38.972 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.157 | 108 | 382778 | 36.969 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.251 | 45 | 467797 | 36.910 | ng/ul | 99 |
| 16) Acetophenone | 8.540 | 105 | 644656 | 37.200 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.528 | 70 | 359814 | 38.600 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.493 | 108 | 417805 | 37.116 | ng/ul | 98 |
| 19) Hexachloroethane | 8.775 | 117 | 179871 | 39.942 | ng/ul | 95 |
| 22) Nitrobenzene | 8.910 | 77 | 529421 | 40.398 | ng/ul | 99 |
| 23) Isophorone | 9.445 | 82 | 976286 | 39.950 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.616 | 139 | 224518 | 40.641 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 9.687 | 107 | 407582 | 34.343 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.928 | 93 | 560368 | 39.557 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.151 | 162 | 350686 | 40.847 | ng/ul | 99 |
| 30) Naphthalene | 10.545 | 128 | 1280657 | 40.016 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.663 | 127 | 529642 | 37.526 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.828 | 225 | 201669 | 39.840 | ng/ul | 98 |
| 34) Caprolactam | 11.463 | 113 | 148194m | 43.115 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.804 | 107 | 460981 | 41.974 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.163 | 142 | 887964 | 40.377 | ng/ul | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.386 | 142 | 865390 | 39.541 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.533 | 216 | 382236 | 40.456 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.510 | 237 | 171519 | 27.671 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.781 | 196 | 271282 | 41.809 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.851 | 196 | 294080 | 42.570 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.186 | 154 | 1096986 | 40.249 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.228 | 162 | 831124 | 40.194 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.439 | 65 | 324895 | 43.572 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.828 | 163 | 1111897 | 41.811 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.945 | 165 | 225414 | 43.916 | ng/ul | 100 |
| 50) Acenaphthylene | 14.075 | 152 | 1302853 | 40.412 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.275 | 138 | 269165 | 45.791 | ng/ul | 95 |
| 52) Acenaphthene | 14.416 | 153 | 940852 | 40.929 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.480 | 184 | 133556 | 40.229 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.592 | 109 | 225560 | 44.788 | ng/ul | 97 |
| 56) Dibenzofuran | 14.757 | 168 | 1261605 | 41.046 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.733 | 165 | 339865 | 45.008 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.986 | 232 | 246093 | 42.913 | ng/ul | 99 |
| 59) Diethylphthalate | 15.198 | 149 | 1221131 | 43.200 | ng/ul | 99 |
| 61) Fluorene | 15.410 | 166 | 1064283 | 41.527 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.410 | 204 | 484276 | 41.741 | ng/ul | 100 |
| 63) 4-Nitroaniline | 15.439 | 138 | 281970m | 51.227 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.498 | 198 | 189648 | 40.570 | ng/ul | 93 |
| 67) N-Nitrosodiphenylamine | 15.627 | 169 | 904126 | 41.606 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.304 | 248 | 287261 | 41.171 | ng/ul | 100 |
| 69) Hexachlorobenzene | 16.410 | 284 | 324575 | 41.162 | ng/ul | 98 |
| 70) Atrazine | 16.592 | 200 | 319455 | 41.440 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.763 | 266 | 215560 | 41.736 | ng/ul | 97 |
| 72) Phenanthrene | 17.157 | 178 | 1675783 | 41.930 | ng/ul | 99 |
| 74) Anthracene | 17.251 | 178 | 1664211 | 41.006 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.145 | 216 | 387169 | 40.246 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.675 | 250 | 387445 | 40.877 | ng/uL | 99 |
| 77) Carbazole | 17.527 | 167 | 1597069 | 42.132 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.092 | 149 | 2150031 | 43.868 | ng/ul | 100 |
| 80) Fluoranthene | 19.133 | 202 | 1957669 | 41.318 | ng/ul | 100 |
| 82) Pyrene | 19.486 | 202 | 2009544 | 41.063 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.380 | 149 | 1031300 | 42.626 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.145 | 252 | 663778 | 40.521 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.204 | 228 | 1948882 | 41.681 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.145 | 149 | 1592604 | 42.718 | ng/ul | 100 |
| 87) Chrysene | 21.257 | 228 | 1903976 | 42.234 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.045 | 149 | 2774947 | 42.800 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.833 | 252 | 2095373 | 43.005 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.880 | 252 | 2009275 | 42.594 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.433 | 252 | 1857808 | 42.090 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 25.933 | 276 | 2448797 | 42.431 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.950 | 278 | 2055392 | 42.399 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.668 | 276 | 2038476 | 42.541 | ng/ul | 98 |

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

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