Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
Data File : BP010212.D
Acq On : 03 May 2022 17:50
Operator : CG/JU
Sample : PB144543BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SLCS543

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 04 09:54:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 00:58:32 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.916 | 152 | 175566 | 20.000 | ng/ul | | 0.00 |
| 20) Naphthalene-d8 | 10.722 | 136 | 776107 | 20.000 | ng/ul | | 0.00 |
| 38) Acenaphthene-d10 | 14.551 | 164 | 508369 | 20.000 | ng/ul | | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 976658 | 20.000 | ng/ul | # | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 710952 | 20.000 | ng/ul | | 0.00 |
| 88) Perylene-d12 | 23.827 | 264 | 669071 | 20.000 | ng/ul | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.358 | 96 | 24410 | 6.063 | ng/uL | | 0.00 |
| 4) Pyridine-d5 | 3.770 | 84 | 330107 | 29.145 | ng/ul | | 0.00 |
| 7) Phenol-d5 | 7.087 | 99 | 462441 | 28.958 | ng/ul | | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.246 | 67 | 307193 | 32.058 | ng/ul | | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.452 | 132 | 374964 | 31.705 | ng/ul | | 0.00 |
| 15) 4-Methylphenol-d8 | 8.634 | 113 | 396508 | 29.968 | ng/ul | | 0.00 |
| 21) Nitrobenzene-d5 | 9.081 | 128 | 194888 | 31.572 | ng/ul | | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.805 | 143 | 217591 | 32.277 | ng/ul | | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.346 | 165 | 392725 | 29.924 | ng/ul | | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.857 | 131 | 470233 | 24.989 | ng/ul | | 0.00 |
| 46) Dimethylphthalate-d6 | 13.963 | 166 | 1230498 | 31.116 | ng/ul | | 0.00 |
| 49) Acenaphthylene-d8 | 14.245 | 160 | 1421633 | 29.704 | ng/ul | | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.751 | 143 | 186322m | 25.593 | ng/ul | | 0.00 |
| 60) Fluorene-d10 | 15.545 | 176 | 1029868 | 30.275 | ng/ul | | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 200 | 188046 | 30.450 | ng/ul | | 0.00 |
| 73) Anthracene-d10 | 17.404 | 188 | 1478763 | 31.297 | ng/ul | | 0.00 |
| 81) Pyrene-d10 | 19.633 | 212 | 1470269 | 36.364 | ng/ul | | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.669 | 264 | 1152013 | 32.843 | ng/ul | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 46658 | 11.152 | ng/uL | # | 25 |
| 5) Pyridine | 3.793 | 79 | 341965 | 29.045 | ng/ul | # | 49 |
| 6) Benzaldehyde | 7.058 | 77 | 314866 | 36.895 | ng/ul | | 95 |
| 8) Phenol | 7.111 | 94 | 487497 | 30.382 | ng/ul | # | 94 |
| 10) Bis(2-Chloroethyl)ether | 7.340 | 93 | 387113 | 31.314 | ng/ul | # | 78 |
| 12) 2-Chlorophenol | 7.481 | 128 | 377562 | 31.650 | ng/ul | | 95 |
| 13) 2-Methylphenol | 8.363 | 108 | 371697 | 30.204 | ng/ul | | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.452 | 45 | 602603 | 32.851 | ng/ul | # | 83 |
| 16) Acetophenone | 8.746 | 105 | 611891 | 29.642 | ng/ul | # | 80 |
| 17) N-Nitroso-di-n-propyla... | 8.734 | 70 | 329959 | 30.508 | ng/ul | # | 72 |
| 18) 4-Methylphenol | 8.693 | 108 | 402524 | 29.708 | ng/ul | | 90 |
| 19) Hexachloroethane | 9.005 | 117 | 158911 | 31.702 | ng/ul | | 82 |
| 22) Nitrobenzene | 9.122 | 77 | 473800 | 31.328 | ng/ul | # | 84 |
| 23) Isophorone | 9.652 | 82 | 917272 | 30.708 | ng/ul | # | 97 |
| 25) 2-Nitrophenol | 9.834 | 139 | 227877 | 31.916 | ng/ul | # | 82 |
| 26) 2,4-Dimethylphenol | 9.899 | 107 | 468753 | 30.324 | ng/ul | # | 78 |
| 27) Bis(2-Chloroethoxy)met... | 10.134 | 93 | 553012 | 31.586 | ng/ul | # | 96 |
| 29) 2,4-Dichlorophenol | 10.369 | 162 | 388976 | 30.833 | ng/ul | # | 84 |
| 30) Naphthalene | 10.775 | 128 | 1259316 | 31.002 | ng/ul | | 97 |
| 32) 4-Chloroaniline | 10.881 | 127 | 450077 | 24.272 | ng/ul | | 97 |
| 33) Hexachlorobutadiene | 11.069 | 225 | 275557 | 30.819 | ng/ul | | 96 |
| 34) Caprolactam | 11.657 | 113 | 127892m | 28.183 | ng/ul | | |
| 35) 4-Chloro-3-methylphenol | 12.010 | 107 | 445859 | 29.256 | ng/ul | # | 70 |
| 36) 2-Methylnaphthalene | 12.381 | 142 | 883299 | 29.983 | ng/ul | | 92 |

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Data File : BP010212.D
Acq On : 03 May 2022 17:50
Operator : CG/JU
Sample : PB144543BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: May 04 09:54:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 00:58:32 2022
Response via : Initial Calibration

**Instrument :**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.599 | 142 | 904262 | 30.230 | ng/ul# | 95 |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216 | 512028 | 32.600 | ng/ul | 94 |
| 40) Hexachlorocyclopentadiene | 12.734 | 237 | 274040 | 30.960 | ng/ul | 93 |
| 41) 2,4,6-Trichlorophenol | 12.987 | 196 | 331235 | 32.595 | ng/ul | 86 |
| 42) 2,4,5-Trichlorophenol | 13.063 | 196 | 360559m | 32.610 | ng/ul | |
| 43) 1,1'-Biphenyl | 13.387 | 154 | 1209842 | 32.267 | ng/ul# | 92 |
| 44) 2-Chloronaphthalene | 13.428 | 162 | 938364 | 32.339 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.628 | 65 | 296540 | 31.517 | ng/ul# | 81 |
| 47) Dimethylphthalate | 14.010 | 163 | 1190645 | 30.980 | ng/ul# | 92 |
| 48) 2,6-Dinitrotoluene | 14.128 | 165 | 246711 | 31.280 | ng/ul | 92 |
| 50) Acenaphthylene | 14.275 | 152 | 1496504 | 31.566 | ng/ul | 95 |
| 51) 3-Nitroaniline | 14.451 | 138 | 208158 | 29.134 | ng/ul# | 81 |
| 52) Acenaphthene | 14.616 | 153 | 963116 | 31.243 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.663 | 184 | 113422 | 25.734 | ng/ul# | 81 |
| 55) 4-Nitrophenol | 14.763 | 109 | 152745 | 24.149 | ng/ul# | 34 |
| 56) Dibenzofuran | 14.951 | 168 | 1392525 | 30.506 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.910 | 165 | 343123 | 29.779 | ng/ul# | 80 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.181 | 232 | 295602 | 30.076 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.375 | 149 | 1201373 | 30.732 | ng/ul | 93 |
| 61) Fluorene | 15.604 | 166 | 1118422 | 29.842 | ng/ul | 91 |
| 62) 4-Chlorophenyl-phenyle... | 15.592 | 204 | 597339 | 30.285 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.616 | 138 | 222640m | 32.024 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.681 | 198 | 180748 | 30.336 | ng/ul# | 93 |
| 67) N-Nitrosodiphenylamine | 15.804 | 169 | 974673 | 34.781 | ng/ul | 95 |
| 68) 4-Bromophenyl-phenylether | 16.492 | 248 | 358397 | 34.403 | ng/ul | 94 |
| 69) Hexachlorobenzene | 16.610 | 284 | 394524 | 32.627 | ng/ul# | 89 |
| 70) Atrazine | 16.763 | 200 | 368213 | 32.320 | ng/ul# | 89 |
| 71) Pentachlorophenol | 16.957 | 266 | 221294 | 28.737 | ng/ul# | 82 |
| 72) Phenanthrene | 17.345 | 178 | 1673873 | 31.533 | ng/ul | 99 |
| 74) Anthracene | 17.439 | 178 | 1685848 | 31.530 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216 | 523334 | 36.704 | ng/uL# | 86 |
| 76) Pentachlorobenzene | 14.875 | 250 | 488916 | 34.968 | ng/uL | 91 |
| 77) Carbazole | 17.704 | 167 | 1371687 | 28.991 | ng/ul# | 96 |
| 78) Di-n-butylphthalate | 18.257 | 149 | 1914757 | 32.894 | ng/ul# | 92 |
| 80) Fluoranthene | 19.310 | 202 | 1725094 | 37.827 | ng/ul | 97 |
| 82) Pyrene | 19.663 | 202 | 1735592 | 36.939 | ng/ul# | 95 |
| 83) Butylbenzylphthalate | 20.528 | 149 | 706877 | 36.396 | ng/ul# | 81 |
| 84) 3,3'-Dichlorobenzidine | 21.298 | 252 | 443466 | 34.667 | ng/ul# | 98 |
| 85) Benzo(a)anthracene | 21.369 | 228 | 1481139 | 32.827 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149 | 1010284 | 35.098 | ng/ul# | 81 |
| 87) Chrysene | 21.422 | 228 | 1452305 | 32.690 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.227 | 149 | 1574085 | 30.263 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.080 | 252 | 1413036 | 31.415 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.133 | 252 | 1408957 | 33.069 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 23.716 | 252 | 1386249 | 33.327 | ng/ul# | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.374 | 276 | 1539286 | 37.201 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.392 | 278 | 1320777 | 37.304 | ng/ul# | 94 |
| 96) Benzo(g,h,i)perylene | 27.157 | 276 | 1324597 | 37.939 | ng/ul# | 90 |

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

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 00:58:32 2022
Response via : Initial Calibration

**Instrument :**
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