Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018346.D
Acq On : 25 Nov 2023 01:48
Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCKD7

Quant Time: Nov 25 02:40:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.869 | 152 | 352247 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.669 | 136 | 1379522 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.498 | 164 | 771716 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.245 | 188 | 1486818 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.351 | 240 | 1371287 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.780 | 264 | 1647907 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.269 | 96 | 35310 | 3.755 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 192236 | 7.438 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.028 | 99 | 188608 | 5.859 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.205 | 67 | 570356 | 29.629 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.393 | 132 | 597817 | 22.118 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.575 | 113 | 361536 | 13.916 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.028 | 128 | 361729 | 32.283 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.752 | 143 | 320144 | 30.937 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.287 | 165 | 667298 | 26.728 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.804 | 131 | 804149 | 23.882 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.916 | 166 | 2224498 | 32.395 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.192 | 160 | 2479666 | 31.692 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.687 | 143 | 40928 | 4.317 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.492 | 176 | 1891528 | 32.933 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200 | 176703 | 27.918 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.345 | 188 | 2881725 | 36.262 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.586 | 212 | 3280395 | 30.057 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.627 | 264 | 3525310 | 36.899 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.317 | 88 | 137 | 0.014 | ng/uL# | 47 |
| 5) Pyridine | 3.717 | 79 | 709 | 0.027 | ng/ul# | 1 |
| 6) Benzaldehyde | 7.022 | 77 | 454 | 0.027 | ng/ul# | 10 |
| 8) Phenol | 7.152 | 94 | 185 | 0.006 | ng/ul | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.305 | 93 | 323 | 0.012 | ng/ul# | 57 |
| 12) 2-Chlorophenol | 7.422 | 128 | 28 | 0.001 | ng/ul# | 1 |
| 13) 2-Methylphenol | 8.316 | 108 | 231 | 0.009 | ng/ul | 82 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.410 | 45 | 127 | 0.003 | ng/ul# | 1 |
| 16) Acetophenone | 8.693 | 105 | 1336 | 0.034 | ng/ul# | 2 |
| 17) N-Nitroso-di-n-propyla... | 8.687 | 70 | 126 | 0.006 | ng/ul# | 40 |
| 18) 4-Methylphenol | 8.652 | 108 | 221 | 0.008 | ng/ul | 95 |
| 19) Hexachloroethane | 8.957 | 117 | 221 | 0.020 | ng/ul# | 7 |
| 22) Nitrobenzene | 9.081 | 77 | 438 | 0.017 | ng/ul# | 52 |
| 23) Isophorone | 9.604 | 82 | 224 | 0.004 | ng/ul# | 81 |
| 25) 2-Nitrophenol | 9.787 | 139 | 155 | 0.013 | ng/ul# | 1 |
| 26) 2,4-Dimethylphenol | 9.840 | 107 | 120 | 0.005 | ng/ul# | 80 |
| 27) Bis(2-Chloroethoxy)met... | 10.093 | 93 | 11 | 0.000 | ng/ul# | 1 |
| 29) 2,4-Dichlorophenol | 10.304 | 162 | 96 | 0.004 | ng/ul# | 1 |
| 30) Naphthalene | 10.716 | 128 | 637 | 0.008 | ng/ul# | 72 |
| 32) 4-Chloroaniline | 10.957 | 127 | 52 | 0.002 | ng/ul | 96 |
| 33) Hexachlorobutadiene | 11.016 | 225 | 27 | 0.002 | ng/ul# | 1 |
| 34) Caprolactam | 11.469 | 113 | 173 | 0.025 | ng/ul | 85 |
| 35) 4-Chloro-3-methylphenol | 11.957 | 107 | 189 | 0.007 | ng/ul# | 65 |
| 36) 2-Methylnaphthalene | 12.293 | 142 | 40 | 0.001 | ng/ul | 94 |

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Operator : MA/JU
Sample : 05336-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCKD7

Quant Time: Nov 25 02:40:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.551 | 142 | 180 | 0.003 | ng/ul# | 43 |
| 39) 1,2,4,5-Tetrachloroben... | 12.687 | 216 | 154 | 0.006 | ng/ul# | 1 |
| 40) Hexachlorocyclopentadiene | 12.663 | 237 | 71 | 0.005 | ng/ul# | 40 |
| 41) 2,4,6-Trichlorophenol | 12.940 | 196 | 258 | 0.016 | ng/ul# | 79 |
| 42) 2,4,5-Trichlorophenol | 12.993 | 196 | 1338 | 0.076 | ng/ul | 92 |
| 43) 1,1'-Biphenyl | 13.340 | 154 | 449 | 0.007 | ng/ul# | 45 |
| 44) 2-Chloronaphthalene | 13.398 | 162 | 204 | 0.004 | ng/ul | 90 |
| 45) 2-Nitroaniline | 13.569 | 65 | 150 | 0.013 | ng/ul# | 40 |
| 47) Dimethylphthalate | 13.957 | 163 | 970 | 0.014 | ng/ul# | 85 |
| 48) 2,6-Dinitrotoluene | 14.069 | 165 | 62 | 0.005 | ng/ul# | 51 |
| 50) Acenaphthylene | 14.222 | 152 | 2637 | 0.030 | ng/ul# | 75 |
| 51) 3-Nitroaniline | 14.410 | 138 | 14 | 0.001 | ng/ul# | 1 |
| 52) Acenaphthene | 14.563 | 153 | 6012 | 0.106 | ng/ul | 93 |
| 53) 2,4-Dinitrophenol | 14.592 | 184 | 29 | 0.007 | ng/ul# | 1 |
| 55) 4-Nitrophenol | 14.704 | 109 | 18 | 0.003 | ng/ul# | 8 |
| 56) Dibenzofuran | 14.904 | 168 | 484 | 0.006 | ng/ul | 93 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 75 | 0.005 | ng/ul# | 77 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.122 | 232 | 1764 | 0.127 | ng/ul# | 91 |
| 59) Diethylphthalate | 15.322 | 149 | 1684 | 0.025 | ng/ul# | 74 |
| 61) Fluorene | 15.528 | 166 | 5229 | 0.082 | ng/ul# | 1 |
| 62) 4-Chlorophenyl-phenyle... | 15.551 | 204 | 124 | 0.004 | ng/ul# | 22 |
| 63) 4-Nitroaniline | 15.545 | 138 | 156 | 0.015 | ng/ul# | 73 |
| 66) 4,6-Dinitro-2-methylph... | 15.616 | 198 | 3984 | 0.568 | ng/ul# | 1 |
| 67) N-Nitrosodiphenylamine | 15.757 | 169 | 326 | 0.006 | ng/ul# | 87 |
| 68) 4-Bromophenyl-phenylether | 16.445 | 248 | 161 | 0.009 | ng/ul# | 1 |
| 69) Hexachlorobenzene | 16.539 | 284 | 155 | 0.007 | ng/ul# | 27 |
| 70) Atrazine | 16.704 | 200 | 67 | 0.004 | ng/ul# | 1 |
| 71) Pentachlorophenol | 16.892 | 266 | 6132 | 0.569 | ng/ul | 97 |
| 72) Phenanthrene | 17.292 | 178 | 1510 | 0.017 | ng/ul# | 65 |
| 74) Anthracene | 17.381 | 178 | 6565 | 0.072 | ng/ul# | 92 |
| 75) 1,2,3,4-Tetrachloroben... | 13.298 | 216 | 186 | 0.007 | ng/uL# | 61 |
| 76) Pentachlorobenzene | 14.869 | 250 | 16 | 0.001 | ng/uL | 89 |
| 77) Carbazole | 17.657 | 167 | 1340 | 0.018 | ng/ul# | 91 |
| 78) Di-n-butylphthalate | 18.216 | 149 | 5603 | 0.054 | ng/ul# | 89 |
| 80) Fluoranthene | 19.263 | 202 | 2374 | 0.018 | ng/ul# | 79 |
| 82) Pyrene | 19.616 | 202 | 1982 | 0.015 | ng/ul# | 53 |
| 83) Butylbenzylphthalate | 20.539 | 149 | 347 | 0.007 | ng/ul | 89 |
| 84) 3,3'-Dichlorobenzidine | 21.286 | 252 | 298 | 0.009 | ng/ul# | 27 |
| 85) Benzo(a)anthracene | 21.392 | 228 | 2286 | 0.020 | ng/ul | 92 |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149 | 3501 | 0.048 | ng/ul# | 95 |
| 87) Chrysene | 21.392 | 228 | 2286 | 0.022 | ng/ul# | 89 |
| 89) Di-n-octyl phthalate | 22.245 | 149 | 416 | 0.003 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.033 | 252 | 1853 | 0.015 | ng/ul# | 1 |
| 91) Benzo(k)fluoranthene | 23.086 | 252 | 2418 | 0.020 | ng/ul# | 16 |
| 93) Benzo(a)pyrene | 23.686 | 252 | 428 | 0.004 | ng/ul# | 1 |
| 94) Indeno(1,2,3-cd)pyrene | 26.345 | 276 | 464 | 0.004 | ng/ul# | 90 |
| 95) Dibenzo(a,h)anthracene | 26.392 | 278 | 1487 | 0.014 | ng/ul# | 54 |
| 96) Benzo(g,h,i)perylene | 27.121 | 276 | 271 | 0.003 | ng/ul# | 81 |

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

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Operator : MA/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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BNA_P
**ClientSampleId :**
DCKD7

Quant Time: Nov 25 02:40:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 24 22:02:00 2023
Response via : Initial Calibration