Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101624\
Data File : BN034612.D
Acq On : 16 Oct 2024 15:59
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SICV230

Quant Time: Oct 16 16:30:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.663 | 152 | 206729 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.439 | 136 | 831956 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.298 | 164 | 455289 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.039 | 188 | 830685 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.268 | 240 | 724577 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.156 | 264 | 826385 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.205 | 96 | 40678 | 7.874 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.593 | 84 | 313480 | 20.781 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.834 | 99 | 336909 | 19.858 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.004 | 67 | 227344 | 21.724 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.198 | 132 | 267551 | 20.415 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.363 | 113 | 254396 | 19.240 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.804 | 128 | 125261 | 21.636 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.522 | 143 | 104210 | 22.778 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.057 | 165 | 222273 | 21.078 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.569 | 131 | 353989 | 19.568 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 586390 | 20.359 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.986 | 160 | 761486 | 21.284 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.486 | 143 | 108074 | 20.142 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.292 | 176 | 518072 | 20.796 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.404 | 200 | 49621 | 17.821 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.139 | 188 | 750103 | 21.124 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.433 | 212 | 787741 | 21.174 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.962 | 264 | 803101 | 21.092 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.240 | 88 | 43484 | 7.834 | ng/uL | 97 |
| 5) Pyridine | 3.616 | 79 | 279074 | 18.180 | ng/ul | 99 |
| 6) Benzaldehyde | 6.810 | 77 | 172417 | 17.313 | ng/ul | 98 |
| 8) Phenol | 6.857 | 94 | 344124 | 19.425 | ng/ul | 100 |
| 10) Bis(2-Chloroethyl)ether | 7.098 | 93 | 271974 | 19.470 | ng/ul | 96 |
| 12) 2-Chlorophenol | 7.228 | 128 | 280218 | 20.473 | ng/ul | 97 |
| 13) 2-Methylphenol | 8.098 | 108 | 251259 | 19.213 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.193 | 45 | 406483 | 19.317 | ng/ul | 99 |
| 16) Acetophenone | 8.475 | 105 | 410971 | 19.465 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.469 | 70 | 199638 | 19.416 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.422 | 108 | 267755 | 18.886 | ng/ul | 94 |
| 19) Hexachloroethane | 8.740 | 117 | 114089 | 19.990 | ng/ul | 94 |
| 22) Nitrobenzene | 8.845 | 77 | 288024 | 20.798 | ng/ul | 99 |
| 23) Isophorone | 9.375 | 82 | 531977 | 19.432 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.557 | 139 | 118354 | 21.998 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.622 | 107 | 235891 | 17.569 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.863 | 93 | 334982 | 19.837 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.087 | 162 | 219931 | 20.614 | ng/ul | 98 |
| 30) Naphthalene | 10.487 | 128 | 848950 | 20.301 | ng/ul | 98 |
| 32) 4-Chloroaniline | 10.592 | 127 | 351293 | 20.480 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.792 | 225 | 127726 | 19.919 | ng/ul | 99 |
| 34) Caprolactam | 11.339 | 113 | 75821 | 18.228 | ng/ul | 92 |
| 35) 4-Chloro-3-methylphenol | 11.722 | 107 | 237153 | 19.882 | ng/ul | 96 |
| 36) 2-Methylnaphthalene | 12.110 | 142 | 557971 | 20.264 | ng/ul | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.328 | 142 | 514329 | 18.349 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.481 | 216 | 237985 | 21.272 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.469 | 237 | 115398 | 19.418 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 12.716 | 196 | 143908 | 22.154 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.786 | 196 | 156600 | 21.757 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.133 | 154 | 666747 | 21.325 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.169 | 162 | 511849 | 20.945 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.363 | 65 | 143548 | 22.393 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.769 | 163 | 592348 | 20.475 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.869 | 165 | 120856 | 24.116 | ng/ul | 96 |
| 50) Acenaphthylene | 14.016 | 152 | 837583 | 21.606 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.192 | 138 | 146681 | 22.931 | ng/ul | 91 |
| 52) Acenaphthene | 14.363 | 153 | 551553 | 20.478 | ng/ul | 96 |
| 53) 2,4-Dinitrophenol | 14.398 | 184 | 33652 | 17.213 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.498 | 109 | 79031 | 20.114 | ng/ul | 98 |
| 56) Dibenzofuran | 14.698 | 168 | 742728 | 20.752 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.657 | 165 | 155268 | 21.724 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.922 | 232 | 114876 | 22.266 | ng/ul | 97 |
| 59) Diethylphthalate | 15.145 | 149 | 585283 | 19.940 | ng/ul | 98 |
| 61) Fluorene | 15.351 | 166 | 596509 | 20.684 | ng/ul | 94 |
| 62) 4-Chlorophenyl-phenyle... | 15.357 | 204 | 264340 | 20.419 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.357 | 138 | 146604 | 23.003 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.422 | 198 | 58553 | 18.177 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 15.563 | 169 | 502621 | 21.471 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.245 | 248 | 150178 | 20.767 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.351 | 284 | 173615 | 20.908 | ng/ul | 96 |
| 70) Atrazine | 16.522 | 200 | 150940 | 19.249 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.692 | 266 | 88227 | 19.823 | ng/ul | 93 |
| 72) Phenanthrene | 17.086 | 178 | 869171 | 20.963 | ng/ul | 99 |
| 74) Anthracene | 17.174 | 178 | 893323 | 20.852 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.092 | 216 | 221182 | 21.266 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.616 | 250 | 214437 | 21.544 | ng/uL | 99 |
| 77) Carbazole | 17.439 | 167 | 842883 | 21.247 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.039 | 149 | 913529 | 19.791 | ng/ul | 99 |
| 80) Fluoranthene | 19.104 | 202 | 924881 | 20.722 | ng/ul | 100 |
| 82) Pyrene | 19.463 | 202 | 1002393 | 21.084 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.398 | 149 | 349445 | 19.826 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.180 | 252 | 318114 | 21.825 | ng/ul | 94 |
| 85) Benzo(a)anthracene | 21.251 | 228 | 941223 | 20.446 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.227 | 149 | 538781 | 19.481 | ng/ul | 99 |
| 87) Chrysene | 21.310 | 228 | 885877 | 20.274 | ng/ul | 96 |
| 89) Di-n-octyl phthalate | 22.345 | 149 | 906901 | 18.882 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.251 | 252 | 906158 | 20.406 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.315 | 252 | 941637 | 20.752 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.021 | 252 | 906950 | 21.095 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.392 | 276 | 1136343 | 21.185 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 27.456 | 278 | 925145 | 21.225 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 28.391 | 276 | 874531 | 21.005 | ng/ul | 98 |

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

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