Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011425\
Data File : BM049349.D
Acq On : 14 Jan 2025 15:07
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD020066

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/16/2025

Quant Time: Jan 14 16:18:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.522 | 152 | 245945 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.287 | 136 | 951344 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.163 | 164 | 620570 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.915 | 188 | 1160719 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.151 | 240 | 985800 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.933 | 264 | 899731 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.122 | 96 | 53603 | 9.018 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.510 | 84 | 414334 | 21.895 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.716 | 99 | 438261 | 21.227 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.869 | 67 | 311346 | 22.648 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.063 | 132 | 346954 | 21.968 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.234 | 113 | 332739 | 20.783 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.669 | 128 | 161010 | 22.194 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.381 | 143 | 174540 | 21.521 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.916 | 165 | 368457 | 22.265 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.428 | 131 | 452193 | 20.766 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.586 | 166 | 1005697 | 21.774 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.851 | 160 | 1188057 | 22.532 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.386 | 143 | 136987 | 17.910 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.163 | 176 | 883304 | 22.137 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.292 | 200 | 137450 | 18.581 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.015 | 188 | 1285491 | 22.404 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.321 | 212 | 1351508 | 22.527 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.744 | 264 | 1080667 | 22.375 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.152 | 88 | 57195 | 8.783 | ng/uL | 98 |
| 5) Pyridine | 3.528 | 79 | 419433 | 21.926 | ng/ul | 99 |
| 6) Benzaldehyde | 6.675 | 77 | 299889 | 26.943 | ng/ul | 99 |
| 8) Phenol | 6.740 | 94 | 455097 | 21.201 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 6.963 | 93 | 384226 | 21.981 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.093 | 128 | 358314 | 21.826 | ng/ul | 99 |
| 13) 2-Methylphenol | 7.969 | 108 | 326601 | 20.825 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.045 | 45 | 602233 | 22.988 | ng/ul | 99 |
| 16) Acetophenone | 8.340 | 105 | 574616 | 21.976 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.328 | 70 | 311881 | 22.083 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.298 | 108 | 360280 | 20.968 | ng/ul | 97 |
| 19) Hexachloroethane | 8.581 | 117 | 156489 | 22.185 | ng/ul | 98 |
| 22) Nitrobenzene | 8.710 | 77 | 430535 | 22.908 | ng/ul | 99 |
| 23) Isophorone | 9.234 | 82 | 789947 | 21.631 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.410 | 139 | 194408 | 21.811 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.487 | 107 | 370735 | 22.224 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 9.716 | 93 | 493764 | 21.999 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 9.945 | 162 | 365268 | 22.154 | ng/ul | 99 |
| 30) Naphthalene | 10.334 | 128 | 1132937 | 22.440 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.451 | 127 | 434531 | 20.926 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.628 | 225 | 270720 | 22.996 | ng/ul | 99 |
| 34) Caprolactam | 11.222 | 113 | 91265m | 18.594 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 11.592 | 107 | 323701 | 20.997 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 11.957 | 142 | 782416 | 21.656 | ng/ul | 96 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.181 | 142 | 781108 | 21.729 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.333 | 216 | 500338 | 23.293 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.316 | 237 | 276339 | 21.442 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.580 | 196 | 300409 | 22.734 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 12.657 | 196 | 314223 | 22.187 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 12.992 | 154 | 1045261 | 23.005 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.028 | 162 | 837511 | 23.049 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.239 | 65 | 210378 | 21.942 | ng/ul | 95 |
| 47) Dimethylphthalate | 13.633 | 163 | 1001312 | 21.915 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 13.751 | 165 | 182726 | 21.436 | ng/ul | 94 |
| 50) Acenaphthylene | 13.880 | 152 | 1207449 | 22.337 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.080 | 138 | 166690 | 19.931 | ng/ul | 94 |
| 52) Acenaphthene | 14.227 | 153 | 869141 | 22.504 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.286 | 184 | 78214 | 14.651 | ng/ul | 99 |
| 55) 4-Nitrophenol | 14.404 | 109 | 105841 | 18.765 | ng/ul | 97 |
| 56) Dibenzofuran | 14.569 | 168 | 1231402 | 22.452 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.539 | 165 | 266178 | 21.043 | ng/ul# | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.798 | 232 | 249408 | 20.847 | ng/ul | 99 |
| 59) Diethylphthalate | 15.016 | 149 | 942479 | 21.166 | ng/ul | 100 |
| 61) Fluorene | 15.221 | 166 | 1012312 | 22.591 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.221 | 204 | 540409 | 22.128 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.251 | 138 | 160618 | 21.345 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.310 | 198 | 154624 | 19.170 | ng/ul | 98 |
| 67) N-Nitrosodiphenylamine | 15.439 | 169 | 799066 | 23.202 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.116 | 248 | 299886 | 22.722 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.227 | 284 | 341346 | 22.237 | ng/ul | 99 |
| 70) Atrazine | 16.404 | 200 | 296207 | 21.037 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.574 | 266 | 192288 | 18.909 | ng/ul | 95 |
| 72) Phenanthrene | 16.957 | 178 | 1455400 | 22.554 | ng/ul | 99 |
| 74) Anthracene | 17.051 | 178 | 1461612 | 22.566 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 12.951 | 216 | 481292 | 24.811 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.486 | 250 | 458167 | 23.662 | ng/uL | 99 |
| 77) Carbazole | 17.327 | 167 | 1225550 | 21.326 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.910 | 149 | 1460136 | 20.737 | ng/ul | 99 |
| 80) Fluoranthene | 18.986 | 202 | 1567360 | 22.736 | ng/ul | 99 |
| 82) Pyrene | 19.351 | 202 | 1665182 | 22.692 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.280 | 149 | 542957 | 20.899 | ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.068 | 252 | 370005 | 20.044 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.133 | 228 | 1527525 | 22.235 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.086 | 149 | 810435 | 20.974 | ng/ul | 99 |
| 87) Chrysene | 21.192 | 228 | 1421056 | 22.658 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.150 | 149 | 1202806 | 18.351 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.062 | 252 | 1341059 | 22.269 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.121 | 252 | 1335198 | 22.237 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.803 | 252 | 1209921 | 22.243 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 27.027 | 276 | 1480902 | 23.733 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 27.074 | 278 | 1199693 | 23.606 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.985 | 276 | 1134661 | 24.359 | ng/ul | 99 |

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

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