Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042909.D
Acq On : 19 Nov 2023 16:49
Operator : MA/JU
Sample : PB157267BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Nov 19 22:48:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS267

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

11/20/2023
Supervised By :mohammad ahmed

11/20/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.810 | 152 | 20865 | 20.000 | ng/ul | | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 85296 | 20.000 | ng/ul | # | 0.00 |
| 38) Acenaphthene-d10 | 14.468 | 164 | 55675 | 20.000 | ng/ul | | 0.00 |
| 64) Phenanthrene-d10 | 17.221 | 188 | 119626m | 20.000 | ng/ul | | 0.00 |
| 79) Chrysene-d12 | 21.409 | 240 | 129584 | 20.000 | ng/ul | | 0.00 |
| 88) Perylene-d12 | 23.762 | 264 | 144785 | 20.000 | ng/ul | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.169 | 96 | 4637 | 6.973 | ng/uL | | 0.00 |
| 4) Pyridine-d5 | 3.604 | 84 | 51472 | 31.119 | ng/ul | | 0.00 |
| 7) Phenol-d5 | 6.981 | 99 | 71884 | 35.399 | ng/ul | | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.157 | 67 | 55044 | 38.575 | ng/ul | | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.334 | 132 | 53777 | 34.321 | ng/ul | | 0.00 |
| 15) 4-Methylphenol-d8 | 8.533 | 113 | 54465 | 34.064 | ng/ul | | 0.00 |
| 21) Nitrobenzene-d5 | 9.016 | 128 | 24773m | 33.127 | ng/ul | | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.727 | 143 | 26994 | 30.856 | ng/ul | | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.245 | 165 | 55065 | 33.852 | ng/ul | | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.798 | 131 | 54626 | 26.449 | ng/ul | | 0.00 |
| 46) Dimethylphthalate-d6 | 13.892 | 166 | 169875 | 32.239 | ng/ul | | 0.00 |
| 49) Acenaphthylene-d8 | 14.168 | 160 | 187460 | 33.250 | ng/ul | | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.721 | 143 | 14664 | 24.632 | ng/ul | | 0.00 |
| 60) Fluorene-d10 | 15.462 | 176 | 143328 | 32.848 | ng/ul | | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.609 | 200 | 26246m | 28.965 | ng/ul | | 0.00 |
| 73) Anthracene-d10 | 17.321 | 188 | 220890 | 32.948 | ng/ul | | 0.00 |
| 81) Pyrene-d10 | 19.621 | 212 | 285288 | 33.620 | ng/ul | | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.609 | 264 | 296524 | 34.239 | ng/ul | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.204 | 88 | 10567 | 14.922 | ng/uL | | 99 |
| 5) Pyridine | 3.628 | 79 | 65366 | 36.343 | ng/ul | | 96 |
| 6) Benzaldehyde | 6.981 | 77 | 42438 | 36.425 | ng/ul | | 93 |
| 8) Phenol | 7.004 | 94 | 76822 | 38.032 | ng/ul | | 95 |
| 10) Bis(2-Chloroethyl)ether | 7.257 | 93 | 62815 | 37.648 | ng/ul | | 88 |
| 12) 2-Chlorophenol | 7.363 | 128 | 57205 | 36.685 | ng/ul | # | 88 |
| 13) 2-Methylphenol | 8.263 | 108 | 54274 | 36.032 | ng/ul | | 93 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322 | 45 | 129616m | 42.674 | ng/ul | | |
| 16) Acetophenone | 8.663 | 105 | 94735 | 35.237 | ng/ul | | 88 |
| 17) N-Nitroso-di-n-propyla... | 8.633 | 70 | 60762 | 37.126 | ng/ul | | 90 |
| 18) 4-Methylphenol | 8.598 | 108 | 57989 | 35.410 | ng/ul | | 99 |
| 19) Hexachloroethane | 8.863 | 117 | 34135 | 39.275 | ng/ul | | 88 |
| 22) Nitrobenzene | 9.057 | 77 | 89473 | 39.586 | ng/ul | | 94 |
| 23) Isophorone | 9.563 | 82 | 160031 | 35.549 | ng/ul | | 98 |
| 25) 2-Nitrophenol | 9.757 | 139 | 29931 | 33.675 | ng/ul | | 88 |
| 26) 2,4-Dimethylphenol | 9.798 | 107 | 61292 | 32.230 | ng/ul | | 95 |
| 27) Bis(2-Chloroethoxy)met... | 10.051 | 93 | 84740 | 37.252 | ng/ul | | 99 |
| 29) 2,4-Dichlorophenol | 10.275 | 162 | 55657 | 36.139 | ng/ul | | 99 |
| 30) Naphthalene | 10.675 | 128 | 188897 | 35.350 | ng/ul | | 100 |
| 32) 4-Chloroaniline | 10.822 | 127 | 53214 | 26.856 | ng/ul | | 96 |
| 33) Hexachlorobutadiene | 10.892 | 225 | 49123 | 36.109 | ng/ul | | 99 |
| 34) Caprolactam | 11.645 | 113 | 16063m | 35.176 | ng/ul | | |
| 35) 4-Chloro-3-methylphenol | 11.933 | 107 | 57849 | 35.054 | ng/ul | | 99 |
| 36) 2-Methylnaphthalene | 12.286 | 142 | 125782 | 35.121 | ng/ul | | 97 |

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Quant Title : SVOA CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.504 | 142 | 126981 | 33.722 | ng/ul | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 12.639 | 216 | 82059 | 37.581 | ng/ul | 95 |
| 40) Hexachlorocyclopentadiene | 12.580 | 237 | 30279 | 29.291 | ng/ul | 90 |
| 41) 2,4,6-Trichlorophenol | 12.904 | 196 | 46016 | 34.502 | ng/ul | 96 |
| 42) 2,4,5-Trichlorophenol | 12.980 | 196 | 48016 | 37.284 | ng/ul | 95 |
| 43) 1,1'-Biphenyl | 13.304 | 154 | 168694 | 36.332 | ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.351 | 162 | 136224 | 36.470 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.604 | 65 | 48614 | 39.907 | ng/ul | 92 |
| 47) Dimethylphthalate | 13.939 | 163 | 177667 | 34.618 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.092 | 165 | 32527 | 33.735 | ng/ul | 93 |
| 50) Acenaphthylene | 14.198 | 152 | 228004 | 36.092 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.439 | 138 | 24238 | 30.742 | ng/ul | 97 |
| 52) Acenaphthene | 14.533 | 153 | 152761 | 35.755 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.645 | 184 | 11680 | 24.363 | ng/ul# | 81 |
| 55) 4-Nitrophenol | 14.733 | 109 | 30885 | 32.968 | ng/ul | 93 |
| 56) Dibenzofuran | 14.868 | 168 | 213622 | 36.024 | ng/ul | 96 |
| 57) 2,4-Dinitrotoluene | 14.880 | 165 | 49104 | 34.689 | ng/ul | 89 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232 | 45692 | 34.179 | ng/ul | 96 |
| 59) Diethylphthalate | 15.286 | 149 | 183610 | 34.117 | ng/ul | 99 |
| 61) Fluorene | 15.515 | 166 | 183860 | 36.519 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.509 | 204 | 101296 | 37.333 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.604 | 138 | 22834m | 31.767 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.627 | 198 | 29666m | 32.158 | ng/ul | |
| 67) N-Nitrosodiphenylamine | 15.739 | 169 | 138807 | 36.996 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.409 | 248 | 58723 | 36.879 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.486 | 284 | 71436 | 36.698 | ng/ul | 97 |
| 70) Atrazine | 16.692 | 200 | 34078 | 23.580 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.856 | 266 | 34601 | 30.868 | ng/ul | 99 |
| 72) Phenanthrene | 17.262 | 178 | 276515m | 37.000 | ng/ul | |
| 74) Anthracene | 17.356 | 178 | 274965 | 36.579 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216 | 84520 | 39.957 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.762 | 250 | 86879 | 39.144 | ng/uL | 97 |
| 77) Carbazole | 17.651 | 167 | 228359m | 36.790 | ng/ul | |
| 78) Di-n-butylphthalate | 18.168 | 149 | 315337 | 34.742 | ng/ul | 98 |
| 80) Fluoranthene | 19.280 | 202 | 341886 | 35.336 | ng/ul | 98 |
| 82) Pyrene | 19.650 | 202 | 370396 | 36.105 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 143549 | 32.760 | ng/ul | 94 |
| 84) 3,3'-Dichlorobenzidine | 21.344 | 252 | 100612 | 30.337 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.391 | 228 | 368368 | 36.213 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 213967 | 32.184 | ng/ul | 98 |
| 87) Chrysene | 21.444 | 228 | 360608 | 36.553 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.186 | 149 | 375945 | 32.145 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.038 | 252 | 368880 | 37.333 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.085 | 252 | 389334 | 37.015 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.662 | 252 | 362237 | 37.623 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.215 | 276 | 446603 | 37.323 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.232 | 278 | 366558 | 36.950 | ng/ul# | 97 |
| 96) Benzo(g,h,i)perylene | 26.985 | 276 | 354479 | 37.306 | ng/ul | 97 |

11/20/2023
Supervised By :mohammad ahmed

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

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