Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092922\
Data File : BM036796.D
Acq On : 29 Sep 2022 11:47
Operator : CG/JU
Sample : SSTD00578
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD005026

Quant Time: Sep 30 01:11:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 30 01:10:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.981 | 152 | 325306 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.792 | 136 | 1479666 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.610 | 164 | 974084 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.345 | 188 | 2001055 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.515 | 240 | 1988440 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.933 | 264 | 1990681 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.369 | 96 | 16624 | 1.916 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 0.000 | 99 | 0d | 0.000 | ng/ul | |
| 9) Bis-(2-Chloroethyl)eth... | 0.000 | 67 | 0d | 0.000 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 7.510 | 132 | 92056 | 4.398 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.000 | 113 | 0d | 0.000 | ng/ul | |
| 21) Nitrobenzene-d5 | 9.145 | 128 | 44295 | 4.423 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.869 | 143 | 38631 | 4.306 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.410 | 165 | 83670 | 4.025 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 14.021 | 166 | 292054 | 4.445 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.304 | 160 | 306425 | 3.932 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.598 | 176 | 256651 | 4.359 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.445 | 188 | 393097 | 4.296 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.727 | 212 | 428924 | 4.385 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.774 | 264 | 406086 | 4.175 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.404 | 88 | 17406 | 1.862 | ng/uL | 95 |
| 12) 2-Chlorophenol | 7.539 | 128 | 102889 | 4.544 | ng/ul | 97 |
| 17) N-Nitroso-di-n-propyla... | 8.792 | 70 | 91011 | 5.062 | ng/ul | 98 |
| 19) Hexachloroethane | 9.063 | 117 | 42604 | 4.646 | ng/ul | 97 |
| 22) Nitrobenzene | 9.186 | 77 | 125716 | 4.728 | ng/ul | 98 |
| 23) Isophorone | 9.722 | 82 | 243045 | 4.483 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.904 | 139 | 46503 | 4.197 | ng/ul | 93 |
| 26) 2,4-Dimethylphenol | 9.963 | 107 | 120916 | 4.425 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.198 | 93 | 158299 | 4.899 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 10.433 | 162 | 90196 | 4.127 | ng/ul | 98 |
| 30) Naphthalene | 10.839 | 128 | 371758 | 4.612 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.127 | 225 | 55773 | 4.172 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 12.069 | 107 | 104371 | 4.326 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.445 | 142 | 243250 | 4.529 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.663 | 142 | 245545 | 4.548 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 112652 | 4.086 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.045 | 196 | 65176 | 3.861 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.116 | 196 | 72646 | 4.014 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.445 | 154 | 321312 | 4.475 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.492 | 162 | 244407 | 4.338 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.692 | 65 | 65634 | 4.733 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.068 | 163 | 313292 | 4.496 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.186 | 165 | 44828 | 3.957 | ng/ul | 90 |
| 50) Acenaphthylene | 14.333 | 152 | 367188 | 4.121 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.674 | 153 | 284854 | 4.569 | ng/ul | 99 |
| 56) Dibenzofuran | 15.004 | 168 | 383762 | 4.584 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.963 | 165 | 67058 | 4.071 | ng/ul | 90 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.227 | 232 | 58984 | 3.893 | ng/ul# | 99 |
| 59) Diethylphthalate | 15.421 | 149 | 324286 | 4.648 | ng/ul | 99 |
| 61) Fluorene | 15.651 | 166 | 317304 | 4.450 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.645 | 204 | 148492 | 4.355 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.857 | 169 | 264068 | 4.481 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.539 | 248 | 79695 | 4.041 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.645 | 284 | 94013 | 4.030 | ng/ul | 97 |
| 72) Phenanthrene | 17.386 | 178 | 513356 | 4.658 | ng/ul | 99 |
| 74) Anthracene | 17.480 | 178 | 498961 | 4.454 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.410 | 216 | 114180 | 4.172 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.921 | 250 | 123760 | 4.181 | ng/uL | 97 |
| 78) Di-n-butylphthalate | 18.309 | 149 | 504505 | 4.291 | ng/ul | 100 |
| 80) Fluoranthene | 19.392 | 202 | 529244 | 4.415 | ng/ul | 99 |
| 82) Pyrene | 19.756 | 202 | 585995 | 4.618 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.650 | 149 | 198554 | 4.130 | ng/ul | 93 |
| 85) Benzo(a)anthracene | 21.497 | 228 | 567453 | 4.555 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.427 | 149 | 312973 | 4.456 | ng/ul | 99 |
| 87) Chrysene | 21.550 | 228 | 540166 | 4.568 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.191 | 252 | 556372 | 4.407 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.238 | 252 | 545350 | 4.323 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.821 | 252 | 475146 | 4.282 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.444 | 276 | 566816 | 4.374 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.456 | 278 | 515644 | 4.387 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.209 | 276 | 499989 | 4.450 | ng/ul | 99 |

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

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