Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082219\
Data File : BM022240.D
Acq On : 22 Aug 2019 16:07
Operator : HP/JU
Sample : SSTD00540
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD00540

Quant Time: Aug 22 18:25:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 22 18:08:08 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 22096 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.33 | 136 | 99391 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 70263 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.98 | 188 | 165263 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.19 | 240 | 210355 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.39 | 264 | 250985 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.14 | 96 | 886 | 1.64 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.76 | 99 | 7590 | 4.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.92 | 67 | 5182 | 5.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.10 | 132 | 6895 | 4.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 6537 | 4.61 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 3048 | 4.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 3136 | 3.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 7253 | 4.27 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 7669 | 4.00 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 13.65 | 166 | 29469 | 5.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.91 | 160 | 29680 | 4.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.50 | 143 | 1022 | 1.29 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.22 | 176 | 24267 | 4.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 3027 | 2.63 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.08 | 188 | 39948 | 4.67 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 51543 | 4.58 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.24 | 264 | 61571 | 4.57 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 994 | 1.575 | ng/uL | 92 |
| 4) Benzaldehyde | 6.75 | 77 | 4139 | 4.079 | ng/ul | 92 |
| 6) Phenol | 6.79 | 94 | 8121 | 4.404 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.02 | 93 | 6637 | 4.826 | ng/ul | 90 |
| 10) 2-Chlorophenol | 7.13 | 128 | 6991 | 4.531 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.02 | 108 | 6317 | 4.570 | ng/ul | 86 |
| 14) Acetophenone | 8.40 | 105 | 12390 | 5.146 | ng/ul | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.37 | 70 | 6376 | 5.454 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.35 | 108 | 7164 | 4.875 | ng/ul | 94 |
| 17) Hexachloroethane | 8.61 | 117 | 3611 | 4.655 | ng/ul | 89 |
| 20) Nitrobenzene | 8.78 | 77 | 9774 | 4.470 | ng/ul | 98 |
| 21) Isophorone | 9.29 | 82 | 18318 | 5.042 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.48 | 139 | 3523 | 3.754 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 9.54 | 107 | 9859 | 4.657 | ng/ul | 95 |
| 25) Bis(2-Chloroethoxy)methane | 9.79 | 93 | 9531 | 4.662 | ng/ul# | 98 |
| 27) 2,4-Dichlorophenol | 10.02 | 162 | 7315 | 4.374 | ng/ul | 94 |
| 28) Naphthalene | 10.39 | 128 | 26425 | 4.871 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.54 | 127 | 8342 | 4.189 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 10.64 | 225 | 8314 | 4.826 | ng/ul | 97 |
| 32) Caprolactam | 11.37 | 113 | 750 | 1.657 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 11.67 | 107 | 8570 | 4.895 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.01 | 142 | 19862 | 5.092 | ng/ul | 95 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 13629 | 4.435 | ng/ul | 97 |

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|---|---|---|---|---|---|---|
| 37) Hexachlorocyclopentadiene | 12.33 | 237 | 2076 | 1.775 | ng/ul# | 93 |
| 38) 2,4,6-Trichlorophenol | 12.65 | 196 | 6605 | 3.916 | ng/ul | 93 |
| 39) 2,4,5-Trichlorophenol | 12.74 | 196 | 7150 | 3.862 | ng/ul | 95 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 27082 | 4.644 | ng/ul# | 97 |
| 41) 2-Chloronaphthalene | 13.09 | 162 | 21054 | 4.584 | ng/ul | 97 |
| 42) 2-Nitroaniline | 13.33 | 65 | 5256 | 4.047 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.69 | 163 | 29912 | 5.016 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.84 | 165 | 5460 | 4.892 | ng/ul# | 89 |
| 47) Acenaphthylene | 13.94 | 152 | 32577 | 4.665 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.19 | 138 | 3185 | 3.230 | ng/ul# | 95 |
| 49) Acenaphthene | 14.28 | 153 | 23768 | 4.835 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.42 | 184 | 1254 | 2.074 | ng/ul# | 79 |
| 52) 4-Nitrophenol | 14.52 | 109 | 2269 | 1.883 | ng/ul | 92 |
| 53) Dibenzofuran | 14.63 | 168 | 34179 | 4.822 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.64 | 165 | 7659 | 4.596 | ng/ul# | 95 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 7435 | 4.362 | ng/ul# | 97 |
| 56) Diethylphthalate | 15.06 | 149 | 31423 | 5.079 | ng/ul | 97 |
| 58) Fluorene | 15.28 | 166 | 27172 | 4.750 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204 | 16479 | 4.801 | ng/ul | 92 |
| 60) 4-Nitroaniline | 15.36 | 138 | 1759 | 1.835 | ng/ul# | 76 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 198 | 3675 | 2.963 | ng/ul# | 81 |
| 64) N-Nitrosodiphenylamine | 15.50 | 169 | 23757 | 4.628 | ng/ul | 94 |
| 65) 4-Bromophenyl-phenylether | 16.17 | 248 | 10647 | 4.555 | ng/ul | 93 |
| 66) Hexachlorobenzene | 16.27 | 284 | 11876 | 4.601 | ng/ul | 96 |
| 67) Atrazine | 16.47 | 200 | 10737 | 4.358 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.64 | 266 | 5061 | 3.457 | ng/ul | 90 |
| 69) Phenanthrene | 17.02 | 178 | 45747 | 4.700 | ng/ul | 99 |
| 71) Anthracene | 17.12 | 178 | 45705 | 4.551 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 13775 | 4.151 | ng/uL | 98 |
| 73) Pentachlorobenzene | 14.53 | 250 | 14786 | 4.445 | ng/uL | 92 |
| 74) Carbazole | 17.41 | 167 | 38206 | 4.357 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.95 | 149 | 54094 | 5.088 | ng/ul | 97 |
| 76) Fluoranthene | 19.05 | 202 | 61476 | 4.560 | ng/ul# | 96 |
| 79) Pyrene | 19.42 | 202 | 63623 | 4.490 | ng/ul | 96 |
| 80) Butylbenzylphthalate | 20.33 | 149 | 27076 | 4.854 | ng/ul | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.13 | 252 | 20275 | 3.899 | ng/ul | 95 |
| 82) Benzo(a)anthracene | 21.17 | 228 | 73536 | 4.639 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 42089 | 5.288 | ng/ul | 98 |
| 84) Chrysene | 21.23 | 228 | 70284 | 4.725 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 21.97 | 149 | 74735 | 5.053 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.73 | 252 | 75175 | 4.462 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.77 | 252 | 72886 | 4.408 | ng/ul | 98 |
| 90) Benzo(a)pyrene | 23.29 | 252 | 72797 | 4.485 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 85224 | 4.214 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.59 | 278 | 70068 | 4.139 | ng/ul# | 98 |
| 93) Benzo(g,h,i)perylene | 26.26 | 276 | 71382 | 4.443 | ng/ul | 97 |

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

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