Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020894.D
Acq On : 12 Jun 2019 03:07
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02030

Quant Time: Jun 12 04:04:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 407187 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 1589016 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.44 | 164 | 884279 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.19 | 188 | 1919023 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.37 | 240 | 1792741 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.65 | 264 | 2135706 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 65196 | 7.63 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.97 | 99 | 605494 | 19.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 350742 | 18.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.34 | 132 | 512058 | 20.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.51 | 113 | 479786 | 19.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.97 | 128 | 235152 | 21.68 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.69 | 143 | 257895 | 23.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 521365 | 22.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.74 | 131 | 605997 | 21.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.86 | 166 | 1373395 | 21.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.14 | 160 | 1780014 | 21.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.64 | 143 | 233001 | 20.76 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.44 | 176 | 1172115 | 21.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 174650 | 17.80 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.29 | 188 | 1765681 | 21.06 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.58 | 212 | 1823367 | 21.04 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.50 | 264 | 2047812 | 21.10 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 70243 | 7.831 | ng/uL | 94 |
| 4) Benzaldehyde | 6.96 | 77 | 436544 | 18.597 | ng/ul | 98 |
| 6) Phenol | 7.00 | 94 | 622065 | 19.396 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.23 | 93 | 473367 | 19.024 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.37 | 128 | 520880 | 20.408 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.24 | 108 | 460752 | 19.334 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.33 | 45 | 588612 | 18.045 | ng/ul | 100 |
| 14) Acetophenone | 8.63 | 105 | 739057 | 19.081 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.62 | 70 | 380028 | 18.638 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.57 | 108 | 494266 | 18.964 | ng/ul | 97 |
| 17) Hexachloroethane | 8.87 | 117 | 212560 | 19.805 | ng/ul | 92 |
| 20) Nitrobenzene | 9.01 | 77 | 565048 | 20.694 | ng/ul | 99 |
| 21) Isophorone | 9.53 | 82 | 1008065 | 19.981 | ng/ul | 97 |
| 23) 2-Nitrophenol | 9.72 | 139 | 275530 | 22.010 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.77 | 107 | 557633 | 20.723 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.01 | 93 | 618407 | 19.757 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.24 | 162 | 503911 | 21.880 | ng/ul | 98 |
| 28) Naphthalene | 10.65 | 128 | 1557840 | 20.874 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.76 | 127 | 609396 | 21.250 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.92 | 225 | 339554 | 21.766 | ng/ul | 96 |
| 32) Caprolactam | 11.55 | 113 | 136849 | 20.396 | ng/ul | 98 |
| 33) 4-Chloro-3-methylphenol | 11.88 | 107 | 486664 | 20.478 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.26 | 142 | 1125848 | 20.538 | ng/ul | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 639737 | 22.325 ng/ul | 99 |
| 37) Hexachlorocyclopentadiene | 12.60 | 237 | 306693 | 17.247 ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 12.87 | 196 | 395151 | 22.960 ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.94 | 196 | 423434 | 22.654 ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.27 | 154 | 1458550 | 21.254 ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.32 | 162 | 1140983 | 21.604 ng/ul | 99 |
| 42) 2-Nitroaniline | 13.53 | 65 | 295458 | 21.545 ng/ul | 99 |
| 44) Dimethylphthalate | 13.90 | 163 | 1361372 | 20.786 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.03 | 165 | 273725 | 22.280 ng/ul | 98 |
| 47) Acenaphthylene | 14.17 | 152 | 1710091 | 21.311 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.36 | 138 | 269533 | 22.794 ng/ul | 98 |
| 49) Acenaphthene | 14.51 | 153 | 1180117 | 21.068 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.56 | 184 | 145241 | 22.056 ng/ul | 96 |
| 52) 4-Nitrophenol | 14.66 | 109 | 186721 | 20.291 ng/ul | 96 |
| 53) Dibenzofuran | 14.84 | 168 | 1663838 | 20.999 ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.82 | 165 | 394863 | 22.232 ng/ul | 97 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.07 | 232 | 350571 | 22.322 ng/ul | 94 |
| 56) Diethylphthalate | 15.27 | 149 | 1337227 | 20.441 ng/ul | 98 |
| 58) Fluorene | 15.49 | 166 | 1335027 | 20.987 ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.49 | 204 | 705133 | 20.807 ng/ul | 97 |
| 60) 4-Nitroaniline | 15.52 | 138 | 295275 | 21.990 ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 198 | 185545 | 17.800 ng/ul | 97 |
| 64) N-Nitrosodiphenylamine | 15.70 | 169 | 1155426 | 21.414 ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.38 | 248 | 446328 | 21.811 ng/ul | 99 |
| 66) Hexachlorobenzene | 16.49 | 284 | 506470 | 21.766 ng/ul | 95 |
| 67) Atrazine | 16.66 | 200 | 416026 | 20.922 ng/ul | 99 |
| 68) Pentachlorophenol | 16.84 | 266 | 280210 | 20.901 ng/ul | 100 |
| 69) Phenanthrene | 17.23 | 178 | 2030756 | 21.027 ng/ul | 99 |
| 71) Anthracene | 17.32 | 178 | 2084224 | 21.053 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.23 | 216 | 637656 | 22.414 ng/uL | 99 |
| 73) Pentachlorobenzene | 14.76 | 250 | 584315 | 21.808 ng/uL | 97 |
| 74) Carbazole | 17.60 | 167 | 1812211 | 21.050 ng/ul | 99 |
| 75) Di-n-butylphthalate | 18.16 | 149 | 2185898 | 20.310 ng/ul | 99 |
| 76) Fluoranthene | 19.24 | 202 | 2300164 | 20.782 ng/ul | 99 |
| 79) Pyrene | 19.61 | 202 | 2340990 | 21.154 ng/ul | 97 |
| 80) Butylbenzylphthalate | 20.50 | 149 | 944629 | 20.944 ng/ul | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.29 | 252 | 838644 | 21.105 ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.35 | 228 | 2346029 | 20.978 ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 1382549 | 18.175 ng/ul | 100 |
| 84) Chrysene | 21.40 | 228 | 2196815 | 21.170 ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.17 | 149 | 2305125 | 18.207 ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.96 | 252 | 2465128 | 19.842 ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 23.00 | 252 | 2411947 | 20.311 ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.55 | 252 | 2414146 | 20.424 ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 3015348 | 21.599 ng/ul | 98 |
| 92) Dibenzo(a,h)anthracene | 25.97 | 278 | 2542486 | 21.494 ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 26.67 | 276 | 2472066 | 21.826 ng/ul | 96 |

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

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