Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021020\
Data File : BM024804.D
Acq On : 10 Feb 2020 12:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
mohammad
2/12/2020 9:50:12 AM

Quant Time: Feb 10 16:34:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 297239 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.16 | 136 | 1149122 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.06 | 164 | 751798 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.81 | 188 | 1564575 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.02 | 240 | 1435907 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.13 | 264 | 1575141 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.01 | 96 | 48108 | 7.78 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.60 | 99 | 394756 | 19.99 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.76 | 67 | 227208 | 20.37 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.95 | 132 | 359407 | 20.32 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.12 | 113 | 331172 | 19.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.54 | 128 | 170491 | 20.52 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.26 | 143 | 201328 | 20.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.79 | 165 | 392477 | 19.82 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.30 | 131 | 367811 | 19.85 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 13.48 | 166 | 1089988 | 19.21 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.74 | 160 | 1316699 | 19.87 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.28 | 143 | 164244 | 17.81 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.06 | 176 | 953786 | 18.98 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 186438 | 18.28 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.91 | 188 | 1415312 | 19.82 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.22 | 212 | 1508760 | 21.01 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.00 | 264 | 1592935 | 20.14 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.05 | 88 | 48722 | 7.477 | ng/uL | 98 |
| 4) Benzaldehyde | 6.56 | 77 | 272299 | 20.967 | ng/ul | 96 |
| 6) Phenol | 6.63 | 94 | 410476 | 19.749 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 6.85 | 93 | 341133 | 20.326 | ng/ul | 96 |
| 10) 2-Chlorophenol | 6.98 | 128 | 365722 | 20.277 | ng/ul | 100 |
| 11) 2-Methylphenol | 7.85 | 108 | 320618 | 19.874 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.93 | 45 | 285651 | 21.643 | ng/ul | 98 |
| 14) Acetophenone | 8.22 | 105 | 517218 | 19.699 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.21 | 70 | 256497 | 20.669 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.18 | 108 | 343339 | 19.712 | ng/ul | 99 |
| 17) Hexachloroethane | 8.46 | 117 | 164035 | 20.170 | ng/ul | 95 |
| 20) Nitrobenzene | 8.58 | 77 | 392575 | 19.898 | ng/ul | 97 |
| 21) Isophorone | 9.11 | 82 | 713896 | 19.954 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.29 | 139 | 215239 | 20.367 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.37 | 107 | 387111 | 19.608 | ng/ul | 95 |
| 25) Bis(2-Chloroethoxy)methane | 9.60 | 93 | 460323 | 20.512 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.82 | 162 | 381006 | 19.478 | ng/ul | 98 |
| 28) Naphthalene | 10.21 | 128 | 1163227 | 19.812 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.33 | 127 | 364714 | 19.723 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.51 | 225 | 303971 | 18.708 | ng/ul | 99 |
| 32) Caprolactam | 11.09 | 113 | 94340m | 18.398 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.47 | 107 | 350789 | 19.327 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.83 | 142 | 845395 | 19.547 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.06 | 142 | 829901 | 19.241 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.22 | 216 | 535617 | 20.147 | ng/ul | 97 |
| 38) Hexachlorocyclopentadiene | 12.20 | 237 | 331992 | 17.708 | ng/ul | 97 |
| 39) 2,4,6-Trichlorophenol | 12.47 | 196 | 331101 | 20.233 | ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 12.54 | 196 | 345233 | 20.185 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 12.88 | 154 | 1124262 | 20.257 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 12.91 | 162 | 915196 | 20.196 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.12 | 65 | 198712 | 20.796 | ng/ul | 94 |
| 45) Dimethylphthalate | 13.53 | 163 | 1125185 | 19.006 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.64 | 165 | 236848 | 19.785 | ng/ul | 99 |
| 48) Acenaphthylene | 13.77 | 152 | 1361010 | 19.826 | ng/ul | 98 |
| 49) 3-Nitroaniline | 13.96 | 138 | 175868 | 19.504 | ng/ul | 91 |
| 50) Acenaphthene | 14.12 | 153 | 918449 | 19.811 | ng/ul | 97 |
| 51) 2,4-Dinitrophenol | 14.18 | 184 | 119916 | 16.443 | ng/ul | 91 |
| 53) 4-Nitrophenol | 14.29 | 109 | 129755 | 17.229 | ng/ul | 92 |
| 54) Dibenzofuran | 14.46 | 168 | 1318287 | 19.076 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.44 | 165 | 330411 | 19.339 | ng/ul | 95 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.70 | 232 | 311782 | 18.655 | ng/ul | 98 |
| 57) Diethylphthalate | 14.92 | 149 | 1089719 | 18.603 | ng/ul | 99 |
| 59) Fluorene | 15.12 | 166 | 1080523 | 18.972 | ng/ul | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.12 | 204 | 613095 | 18.696 | ng/ul | 97 |
| 61) 4-Nitroaniline | 15.14 | 138 | 206063 | 18.453 | ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.21 | 198 | 202254 | 18.528 | ng/ul | 94 |
| 65) N-Nitrosodiphenylamine | 15.33 | 169 | 912646 | 20.882 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.02 | 248 | 402446 | 20.528 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.13 | 284 | 462869 | 19.977 | ng/ul | 98 |
| 68) Atrazine | 16.30 | 200 | 360661 | 19.206 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.47 | 266 | 261375 | 18.853 | ng/ul | 98 |
| 70) Phenanthrene | 16.85 | 178 | 1674655 | 19.631 | ng/ul | 99 |
| 72) Anthracene | 16.95 | 178 | 1693804 | 19.578 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.84 | 216 | 564429 | 21.970 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.39 | 250 | 573590 | 21.038 | ng/uL | 99 |
| 75) Carbazole | 17.22 | 167 | 1381925 | 19.173 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 17.81 | 149 | 1827525 | 19.928 | ng/ul | 99 |
| 77) Fluoranthene | 18.88 | 202 | 1943458 | 18.558 | ng/ul | 99 |
| 80) Pyrene | 19.24 | 202 | 2005786 | 21.103 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.19 | 149 | 769358 | 21.640 | ng/ul | 98 |
| 82) 3,3'-Dichlorobenzidine | 20.95 | 252 | 646236 | 19.253 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.01 | 228 | 1923149 | 19.883 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 1192468 | 21.190 | ng/ul | 100 |
| 85) Chrysene | 21.06 | 228 | 1865614 | 19.592 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.83 | 149 | 1977243 | 21.006 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.51 | 252 | 2040068 | 20.368 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.55 | 252 | 1866436 | 19.360 | ng/ul | 100 |
| 91) Benzo(a)pyrene | 23.04 | 252 | 1774166 | 19.757 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.18 | 276 | 2243851 | 20.072 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.19 | 278 | 1903550 | 19.985 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 25.80 | 276 | 1865364 | 20.062 | ng/ul | 100 |

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

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