Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060419\
Data File : BN006069.D
Acq On : 04 Jun 2019 18:25
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02008

Quant Time: Jun 04 18:57:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 17:47:25 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 237606 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 1023753 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.30 | 164 | 567282 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 1219548 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.27 | 240 | 1158673 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.50 | 264 | 1338046 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 46045 | 8.40 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 403626 | 21.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 231205 | 21.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 319821 | 20.96 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 314507 | 21.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 152933 | 20.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.52 | 143 | 168440 | 20.77 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 311657 | 21.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 382237 | 21.84 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.72 | 166 | 858250 | 21.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.99 | 160 | 1112295 | 21.35 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 144750 | 20.37 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.30 | 176 | 729177 | 21.44 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 136435 | 19.99 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 1101606 | 21.17 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 1204988 | 21.52 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.37 | 264 | 1270480 | 21.32 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 49239 | 8.686 | ng/uL | 98 |
| 4) Benzaldehyde | 6.79 | 77 | 268561 | 20.843 | ng/ul | 99 |
| 6) Phenol | 6.85 | 94 | 418093 | 21.547 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.07 | 93 | 320676 | 21.296 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.21 | 128 | 330093 | 21.194 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.09 | 108 | 311806 | 21.418 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18 | 45 | 434831 | 21.608 | ng/ul | 99 |
| 14) Acetophenone | 8.46 | 105 | 491050 | 22.067 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.45 | 70 | 255902 | 21.700 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.42 | 108 | 341564 | 21.838 | ng/ul | 95 |
| 17) Hexachloroethane | 8.72 | 117 | 135209 | 20.644 | ng/ul | 98 |
| 20) Nitrobenzene | 8.85 | 77 | 362716 | 20.987 | ng/ul | 100 |
| 21) Isophorone | 9.36 | 82 | 708812 | 21.282 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.55 | 139 | 180804 | 21.117 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.62 | 107 | 367037 | 21.113 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.85 | 93 | 434181 | 21.178 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.09 | 162 | 302956 | 21.215 | ng/ul | 98 |
| 28) Naphthalene | 10.48 | 128 | 1021199 | 21.151 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.59 | 127 | 380605 | 21.690 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.76 | 225 | 189613 | 20.770 | ng/ul | 98 |
| 32) Caprolactam | 11.35 | 113 | 100126 | 20.917 | ng/ul | 94 |
| 33) 4-Chloro-3-methylphenol | 11.73 | 107 | 334389 | 21.515 | ng/ul | 96 |
| 34) 2-Methylnaphthalene | 12.10 | 142 | 718996 | 21.364 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 361235 | 21.272 | ng/ul | 99 |
| 37) Hexachlorocyclopentadiene | 12.46 | 237 | 187175 | 19.301 | ng/ul | 96 |
| 38) 2,4,6-Trichlorophenol | 12.72 | 196 | 230080 | 21.175 | ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 12.80 | 196 | 239929 | 20.704 | ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.13 | 154 | 900992 | 21.144 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.17 | 162 | 700259 | 21.255 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.38 | 65 | 205887 | 21.508 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.76 | 163 | 854776 | 21.414 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.89 | 165 | 177490 | 21.899 | ng/ul | 98 |
| 47) Acenaphthylene | 14.02 | 152 | 1103730 | 21.578 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.21 | 138 | 172892 | 21.822 | ng/ul | 100 |
| 49) Acenaphthene | 14.37 | 153 | 737350 | 21.423 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.43 | 184 | 72077 | 16.783 | ng/ul | 95 |
| 52) 4-Nitrophenol | 14.53 | 109 | 111314 | 20.658 | ng/ul | 96 |
| 53) Dibenzofuran | 14.70 | 168 | 1041649 | 21.447 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.68 | 165 | 248176 | 21.812 | ng/ul | 97 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.93 | 232 | 205097 | 21.479 | ng/ul | 97 |
| 56) Diethylphthalate | 15.13 | 149 | 854491 | 21.375 | ng/ul | 100 |
| 58) Fluorene | 15.36 | 166 | 819478 | 21.552 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.35 | 204 | 412391 | 21.755 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.38 | 138 | 202627 | 21.840 | ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 144342 | 20.381 | ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 15.57 | 169 | 723735 | 21.341 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.25 | 248 | 250328 | 20.899 | ng/ul | 98 |
| 66) Hexachlorobenzene | 16.36 | 284 | 281378 | 21.390 | ng/ul | 97 |
| 67) Atrazine | 16.52 | 200 | 257363 | 21.153 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.71 | 266 | 144038 | 19.255 | ng/ul | 98 |
| 69) Phenanthrene | 17.10 | 178 | 1280875 | 21.416 | ng/ul | 99 |
| 71) Anthracene | 17.19 | 178 | 1326186 | 21.698 | ng/ul | 98 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.09 | 216 | 371184 | 21.179 | ng/uL | 100 |
| 73) Pentachlorobenzene | 14.63 | 250 | 336068 | 21.472 | ng/uL | 98 |
| 74) Carbazole | 17.46 | 167 | 1200298 | 21.985 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 18.03 | 149 | 1460594 | 21.032 | ng/ul | 100 |
| 76) Fluoranthene | 19.13 | 202 | 1485109 | 22.156 | ng/ul | 100 |
| 79) Pyrene | 19.49 | 202 | 1530623 | 21.487 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 698429 | 20.950 | ng/ul | 95 |
| 81) 3,3'-Dichlorobenzidine | 21.19 | 252 | 548129 | 22.634 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.26 | 228 | 1543931 | 21.674 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1016070 | 21.109 | ng/ul | 99 |
| 84) Chrysene | 21.31 | 228 | 1453553 | 21.289 | ng/ul | 98 |
| 86) Di-n-octyl phthalate | 22.07 | 149 | 1807994 | 22.395 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.84 | 252 | 1565036 | 21.941 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.88 | 252 | 1493454 | 21.389 | ng/ul | 98 |
| 90) Benzo(a)pyrene | 23.41 | 252 | 1507330 | 21.859 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 1781984 | 21.195 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.76 | 278 | 1503279 | 21.202 | ng/ul | 100 |
| 93) Benzo(g,h,i)perylene | 26.43 | 276 | 1495251 | 20.922 | ng/ul | 98 |

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

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