Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040920\
Data File : BN010453.D
Acq On : 09 Apr 2020 14:52
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SICV61

Quant Time: Apr 09 15:22:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 09 14:06:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 463802 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.36 | 136 | 1951268 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.23 | 164 | 1254819 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.98 | 188 | 2818415 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.19 | 240 | 2938170 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.36 | 264 | 2750725 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 61769 | 6.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 676263 | 18.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 392339 | 21.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 589534 | 18.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.31 | 113 | 570163 | 18.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 289984 | 19.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 331158 | 19.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 647201 | 19.70 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 838187 | 22.25 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.65 | 166 | 1856487 | 19.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.92 | 160 | 2197241 | 19.21 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.44 | 143 | 345150 | 19.04 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.23 | 176 | 1620118 | 19.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 269762 | 18.32 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.08 | 188 | 2565847 | 19.66 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.38 | 212 | 3069877 | 18.51 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.23 | 264 | 2727291 | 19.11 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.24 | 88 | 64723 | 6.902 | ng/uL | 95 |
| 4) Benzaldehyde | 6.75 | 77 | 430486 | 22.638 | ng/ul | 98 |
| 6) Phenol | 6.82 | 94 | 696994 | 18.387 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.04 | 93 | 533410 | 18.275 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.18 | 128 | 608277 | 19.149 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.05 | 108 | 555473 | 18.510 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 350693 | 18.896 | ng/ul | 100 |
| 14) Acetophenone | 8.41 | 105 | 904582 | 19.378 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.40 | 70 | 429317 | 19.200 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.37 | 108 | 591565 | 18.428 | ng/ul | 98 |
| 17) Hexachloroethane | 8.67 | 117 | 240714 | 18.271 | ng/ul | 98 |
| 20) Nitrobenzene | 8.78 | 77 | 657681 | 18.727 | ng/ul | 97 |
| 21) Isophorone | 9.31 | 82 | 1208746 | 18.660 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.49 | 139 | 354600 | 19.568 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.56 | 107 | 685297 | 19.176 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.79 | 93 | 746656 | 18.949 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.02 | 162 | 638092 | 19.716 | ng/ul | 99 |
| 28) Naphthalene | 10.41 | 128 | 1960316 | 18.693 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.52 | 127 | 854821 | 22.856 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.71 | 225 | 436866 | 19.391 | ng/ul | 95 |
| 32) Caprolactam | 11.29 | 113 | 184654 | 17.981 | ng/ul | 98 |
| 33) 4-Chloro-3-methylphenol | 11.66 | 107 | 647930 | 19.106 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.03 | 142 | 1464760 | 19.763 | ng/ul | 95 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.25 | 142 | 1366305 | 18.419 ng/uL | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216 | 823348 | 19.681 ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.40 | 237 | 345251 | 16.960 ng/ul | 96 |
| 39) 2,4,6-Trichlorophenol | 12.65 | 196 | 517747 | 19.098 ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.72 | 196 | 564668 | 19.368 ng/ul | 97 |
| 41) 1,1'-Biphenyl | 13.06 | 154 | 1874248 | 19.448 ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.10 | 162 | 1476253 | 18.950 ng/ul | 99 |
| 43) 2-Nitroaniline | 13.30 | 65 | 353473 | 19.560 ng/ul | 97 |
| 45) Dimethylphthalate | 13.70 | 163 | 1816748 | 18.795 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.81 | 165 | 412370 | 20.061 ng/ul | 97 |
| 48) Acenaphthylene | 13.95 | 152 | 2357323 | 19.529 ng/ul | 98 |
| 49) 3-Nitroaniline | 14.13 | 138 | 419966 | 21.472 ng/ul | 97 |
| 50) Acenaphthene | 14.30 | 153 | 1584790 | 19.186 ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.35 | 184 | 161452 | 16.581 ng/ul | 97 |
| 53) 4-Nitrophenol | 14.46 | 109 | 276390 | 18.834 ng/ul | 94 |
| 54) Dibenzofuran | 14.63 | 168 | 2301170 | 19.900 ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.60 | 165 | 570122 | 19.469 ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 508408 | 19.955 ng/ul | 98 |
| 57) Diethylphthalate | 15.07 | 149 | 1814344 | 18.669 ng/ul | 99 |
| 59) Fluorene | 15.29 | 166 | 1821728 | 19.214 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.29 | 204 | 951403 | 19.622 ng/ul | 99 |
| 61) 4-Nitroaniline | 15.30 | 138 | 456343 | 20.599 ng/ul | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 290783 | 18.365 ng/ul# | 92 |
| 65) N-Nitrosodiphenylamine | 15.50 | 169 | 1612682 | 19.751 ng/ul | 94 |
| 66) 4-Bromophenyl-phenylether | 16.18 | 248 | 580916 | 18.878 ng/ul | 100 |
| 67) Hexachlorobenzene | 16.30 | 284 | 661023 | 18.885 ng/ul | 97 |
| 68) Atrazine | 16.46 | 200 | 543859 | 16.864 ng/ul | 97 |
| 69) Pentachlorophenol | 16.64 | 266 | 410053 | 18.351 ng/ul | 92 |
| 70) Phenanthrene | 17.02 | 178 | 3039905 | 19.422 ng/ul | 98 |
| 72) Anthracene | 17.12 | 178 | 3073860 | 19.374 ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216 | 817815 | 18.295 ng/uL | 99 |
| 74) Pentachlorobenzene | 14.56 | 250 | 767581 | 17.616 ng/uL | 96 |
| 75) Carbazole | 17.39 | 167 | 2757585 | 21.160 ng/ul | 99 |
| 76) Di-n-butylphthalate | 17.97 | 149 | 3219031 | 19.608 ng/ul | 99 |
| 77) Fluoranthene | 19.05 | 202 | 3726132 | 21.911 ng/ul | 99 |
| 80) Pyrene | 19.42 | 202 | 3863566 | 18.199 ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.33 | 149 | 1564754 | 17.088 ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.11 | 252 | 1161301 | 18.338 ng/ul | 96 |
| 83) Benzo(a)anthracene | 21.17 | 228 | 3729889 | 18.300 ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 2291521 | 17.327 ng/ul | 99 |
| 85) Chrysene | 21.23 | 228 | 3628149 | 18.931 ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.00 | 149 | 3974130 | 20.312 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.72 | 252 | 3280231 | 18.275 ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 22.76 | 252 | 3416712 | 19.186 ng/ul | 98 |
| 91) Benzo(a)pyrene | 23.27 | 252 | 3208003 | 20.116 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 3323843 | 18.517 ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.53 | 278 | 2858893 | 18.963 ng/ul | 96 |
| 94) Benzo(g,h,i)perylene | 26.17 | 276 | 2744903 | 18.478 ng/ul | 98 |

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

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