Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010529.D
Acq On : 16 Apr 2020 22:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02077

**Manual Integrations APPROVED**
mohammad
4/17/2020 1:52:17 PM

Quant Time: Apr 17 03:41:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 546421 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.36 | 136 | 2356653 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.23 | 164 | 1527653 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.97 | 188 | 3363541 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.17 | 240 | 3189346 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.34 | 264 | 2900582 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 76033 | 7.28 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 840084 | 19.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 486622 | 22.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.14 | 132 | 704380 | 19.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 702970 | 19.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 362828 | 19.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 397245 | 19.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 792669 | 19.98 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 1038471 | 22.83 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.65 | 166 | 2266116 | 19.99 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.92 | 160 | 2689597 | 19.31 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.43 | 143 | 421972 | 19.12 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.22 | 176 | 1950812 | 19.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 354369 | 20.17 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.07 | 188 | 3014415 | 19.35 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.37 | 212 | 3448614 | 19.15 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.21 | 264 | 2908421 | 19.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 82333 | 7.452 | ng/uL | 93 |
| 4) Benzaldehyde | 6.75 | 77 | 543324 | 24.251 | ng/ul | 99 |
| 6) Phenol | 6.81 | 94 | 874108 | 19.573 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.03 | 93 | 658886 | 19.161 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.17 | 128 | 729563 | 19.495 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.04 | 108 | 673113 | 19.038 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 446465 | 20.419 | ng/ul | 99 |
| 14) Acetophenone | 8.41 | 105 | 1103481 | 20.064 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.40 | 70 | 542221 | 20.583 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.36 | 108 | 740005 | 19.567 | ng/ul | 96 |
| 17) Hexachloroethane | 8.66 | 117 | 292758 | 18.862 | ng/ul | 99 |
| 20) Nitrobenzene | 8.77 | 77 | 815688 | 19.231 | ng/ul | 96 |
| 21) Isophorone | 9.30 | 82 | 1492888 | 19.082 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.48 | 139 | 439523 | 20.082 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.55 | 107 | 834877 | 19.343 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 932766 | 19.600 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.01 | 162 | 766897 | 19.620 | ng/ul | 99 |
| 28) Naphthalene | 10.40 | 128 | 2380907 | 18.799 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.52 | 127 | 1071030 | 23.710 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.70 | 225 | 514024 | 18.891 | ng/ul | 98 |
| 32) Caprolactam | 11.29 | 113 | 227155m | 18.314 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.65 | 107 | 810580 | 19.790 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 1784767 | 19.939 | ng/ul | 99 |

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Instrument :
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Quant Time: Apr 17 03:41:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.25 | 142 | 1673876 | 18.684 | ng/uL | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 979589 | 19.233 | ng/ul | 95 |
| 38) Hexachlorocyclopentadiene | 12.39 | 237 | 489226 | 19.741 | ng/ul | 97 |
| 39) 2,4,6-Trichlorophenol | 12.65 | 196 | 625682 | 18.958 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.72 | 196 | 661414 | 18.634 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.05 | 154 | 2271743 | 19.363 | ng/ul | 97 |
| 42) 2-Chloronaphthalene | 13.09 | 162 | 1819388 | 19.184 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.29 | 65 | 447773 | 20.353 | ng/ul | 96 |
| 45) Dimethylphthalate | 13.69 | 163 | 2200145 | 18.696 | ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 13.80 | 165 | 502998 | 20.099 | ng/ul | 99 |
| 48) Acenaphthylene | 13.95 | 152 | 2867143 | 19.511 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.13 | 138 | 489854 | 20.572 | ng/ul | 97 |
| 50) Acenaphthene | 14.29 | 153 | 1919198 | 19.085 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.34 | 184 | 224066 | 18.901 | ng/ul | 96 |
| 53) 4-Nitrophenol | 14.45 | 109 | 338863 | 18.967 | ng/ul | 99 |
| 54) Dibenzofuran | 14.63 | 168 | 2826872 | 20.081 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.59 | 165 | 681890 | 19.127 | ng/ul | 94 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 611404 | 19.712 | ng/ul | 96 |
| 57) Diethylphthalate | 15.07 | 149 | 2208367 | 18.665 | ng/ul | 100 |
| 59) Fluorene | 15.28 | 166 | 2189811 | 18.972 | ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.28 | 204 | 1114173 | 18.875 | ng/ul | 98 |
| 61) 4-Nitroaniline | 15.30 | 138 | 556497 | 20.634 | ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.36 | 198 | 380788 | 20.152 | ng/ul | 95 |
| 65) N-Nitrosodiphenylamine | 15.49 | 169 | 1951070 | 20.023 | ng/ul | 96 |
| 66) 4-Bromophenyl-phenylether | 16.17 | 248 | 691814 | 18.839 | ng/ul | 95 |
| 67) Hexachlorobenzene | 16.29 | 284 | 756780 | 18.117 | ng/ul | 97 |
| 68) Atrazine | 16.46 | 200 | 661244 | 17.181 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.63 | 266 | 487982 | 18.299 | ng/ul | 99 |
| 70) Phenanthrene | 17.02 | 178 | 3596749 | 19.256 | ng/ul | 99 |
| 72) Anthracene | 17.10 | 178 | 3673002 | 19.399 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216 | 958186 | 17.961 | ng/uL | 97 |
| 74) Pentachlorobenzene | 14.55 | 250 | 926413 | 17.815 | ng/uL | 96 |
| 75) Carbazole | 17.37 | 167 | 3331535 | 21.421 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 17.96 | 149 | 3969209 | 20.260 | ng/ul | 100 |
| 77) Fluoranthene | 19.04 | 202 | 4301599 | 21.195 | ng/ul | 98 |
| 80) Pyrene | 19.40 | 202 | 4526142 | 19.641 | ng/ul | 96 |
| 81) Butylbenzylphthalate | 20.33 | 149 | 1868963 | 18.803 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.10 | 252 | 1186634 | 17.262 | ng/ul | 95 |
| 83) Benzo(a)anthracene | 21.16 | 228 | 4123403 | 18.637 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 2759435 | 19.221 | ng/ul | 99 |
| 85) Chrysene | 21.21 | 228 | 3860324 | 18.557 | ng/ul | 99 |
| 87) Di-n-octyl phthalate | 21.98 | 149 | 4627766 | 22.430 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.70 | 252 | 3578989 | 18.909 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.74 | 252 | 3671522 | 19.551 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.25 | 252 | 3356073 | 19.958 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.49 | 276 | 3648218 | 19.274 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.50 | 278 | 3113054 | 19.582 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.14 | 276 | 3053901 | 19.496 | ng/ul | 97 |

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**Instrument :**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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