Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007668.D
Acq On : 16 Sep 2019 16:16
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SICV07

Quant Time: Sep 16 18:22:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 466740 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.47 | 136 | 1913105 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 1274696 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 2842316 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.27 | 240 | 3125354 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.49 | 264 | 3436805 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 95032 | 7.74 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 915000 | 20.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.04 | 67 | 505910 | 20.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 668348 | 21.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 708713 | 20.93 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.84 | 128 | 313169 | 22.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 307923 | 23.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 686732 | 22.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 915539 | 22.68 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.74 | 166 | 2183702 | 21.53 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 2680388 | 23.07 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 379657 | 21.04 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 1858570 | 21.12 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 320347 | 20.88 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 3080023 | 21.77 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.47 | 212 | 3660739 | 21.75 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.35 | 264 | 3687344 | 20.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 98181 | 7.828 | ng/uL | 100 |
| 4) Benzaldehyde | 6.85 | 77 | 621560 | 24.920 | ng/ul | 98 |
| 6) Phenol | 6.90 | 94 | 965465 | 19.993 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.13 | 93 | 698241 | 20.006 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.27 | 128 | 685820 | 20.227 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.13 | 108 | 683614 | 19.964 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.22 | 45 | 760794 | 20.119 | ng/ul | 99 |
| 14) Acetophenone | 8.51 | 105 | 1109922 | 20.249 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.50 | 70 | 619527 | 20.785 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.46 | 108 | 740128 | 19.704 | ng/ul | 95 |
| 17) Hexachloroethane | 8.77 | 117 | 286799 | 20.210 | ng/ul | 95 |
| 20) Nitrobenzene | 8.88 | 77 | 886626 | 21.373 | ng/ul | 99 |
| 21) Isophorone | 9.40 | 82 | 1664647 | 21.006 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.59 | 139 | 352282 | 22.773 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.65 | 107 | 836611 | 20.732 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.89 | 93 | 964178 | 20.510 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.12 | 162 | 679412 | 21.271 | ng/ul | 98 |
| 28) Naphthalene | 10.52 | 128 | 2219243 | 20.571 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.62 | 127 | 921660 | 21.540 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.82 | 225 | 468034 | 20.545 | ng/ul | 99 |
| 32) Caprolactam | 11.37 | 113 | 280515 | 25.293 | ng/ul | 93 |
| 33) 4-Chloro-3-methylphenol | 11.76 | 107 | 776654 | 20.990 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.13 | 142 | 1627718 | 20.896 | ng/ul | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007668.D
Acq On : 16 Sep 2019 16:16
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SICV07

Quant Time: Sep 16 18:22:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 931919 | 20.683 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.50 | 237 | 560159 | 20.254 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.75 | 196 | 542003 | 21.453 | ng/ul | 100 |
| 39) 2,4,5-Trichlorophenol | 12.82 | 196 | 600186 | 21.297 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.16 | 154 | 2093303 | 20.235 | ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.20 | 162 | 1657104 | 20.661 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.39 | 65 | 481249 | 21.809 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.79 | 163 | 2164059 | 20.931 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.90 | 165 | 420206 | 22.268 | ng/ul | 94 |
| 47) Acenaphthylene | 14.05 | 152 | 2484562 | 20.263 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.22 | 138 | 423201 | 22.723 | ng/ul | 96 |
| 49) Acenaphthene | 14.39 | 153 | 1784555 | 20.732 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.43 | 184 | 188302 | 18.554 | ng/ul | 98 |
| 52) 4-Nitrophenol | 14.53 | 109 | 311270 | 21.022 | ng/ul | 95 |
| 53) Dibenzofuran | 14.73 | 168 | 2582656 | 20.684 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.69 | 165 | 622237 | 21.999 | ng/ul | 98 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 523293 | 21.515 | ng/ul | 99 |
| 56) Diethylphthalate | 15.16 | 149 | 2140083 | 20.801 | ng/ul | 100 |
| 58) Fluorene | 15.38 | 166 | 2078977 | 20.692 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.38 | 204 | 1137203 | 20.950 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.39 | 138 | 471516 | 22.221 | ng/ul | 98 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 344182 | 20.135 | ng/ul | 98 |
| 64) N-Nitrosodiphenylamine | 15.59 | 169 | 1835680 | 20.605 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.27 | 248 | 713873 | 20.935 | ng/ul | 97 |
| 66) Hexachlorobenzene | 16.39 | 284 | 774145 | 21.008 | ng/ul | 96 |
| 67) Atrazine | 16.55 | 200 | 886326 | 24.501 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.73 | 266 | 408841 | 19.808 | ng/ul | 98 |
| 69) Phenanthrene | 17.12 | 178 | 3493477 | 20.726 | ng/ul | 99 |
| 71) Anthracene | 17.20 | 178 | 3576861 | 21.201 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216 | 928366 | 20.656 | ng/uL | 98 |
| 73) Pentachlorobenzene | 14.65 | 250 | 956300 | 21.654 | ng/uL | 99 |
| 74) Carbazole | 17.47 | 167 | 3169829 | 22.214 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 18.05 | 149 | 3712900 | 21.890 | ng/ul | 99 |
| 76) Fluoranthene | 19.13 | 202 | 4433613 | 23.979 | ng/ul | 100 |
| 79) Pyrene | 19.50 | 202 | 4549726 | 21.862 | ng/ul | 98 |
| 80) Butylbenzylphthalate | 20.42 | 149 | 1695817 | 21.438 | ng/ul | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.19 | 252 | 1644953 | 21.564 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.25 | 228 | 4786544 | 21.493 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 2672427 | 21.933 | ng/ul | 98 |
| 84) Chrysene | 21.30 | 228 | 4430167 | 21.381 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.09 | 149 | 4328351 | 24.352 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 4760647 | 21.419 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 4419611 | 20.462 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.39 | 252 | 4460358 | 20.758 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 5137412 | 20.350 | ng/ul | 97 |
| 92) Dibenzo(a,h)anthracene | 25.72 | 278 | 4295859 | 20.401 | ng/ul | 97 |
| 93) Benzo(g,h,i)perylene | 26.38 | 276 | 4198378 | 20.286 | ng/ul | 100 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007668.D
Acq On : 16 Sep 2019 16:16
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SICV07

Quant Time: Sep 16 18:22:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration