Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004249.D
Acq On : 27 Dec 2018 20:00
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02043

Quant Time: Dec 28 00:05:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 27 05:47:30 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 31258 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.62 | 136 | 151601 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.46 | 164 | 88913 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.20 | 188 | 190406 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.40 | 240 | 225050 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.72 | 264 | 266734 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 4625 | 9.68 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.99 | 99 | 57597 | 18.74 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 33216 | 19.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.35 | 132 | 48275 | 20.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.53 | 113 | 48556 | 18.85 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 24199 | 20.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.70 | 143 | 28409 | 20.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.24 | 165 | 51122 | 20.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.76 | 131 | 49971 | 21.40 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.86 | 166 | 150247 | 18.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.16 | 160 | 198311 | 21.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.68 | 143 | 25380 | 15.47 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.45 | 176 | 131307 | 19.13 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 25300 | 18.45 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.30 | 188 | 194063 | 20.17 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.60 | 212 | 224556 | 22.30 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.57 | 264 | 294666 | 20.36 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.32 | 88 | 4986 | 9.488 | ng/uL# | 84 |
| 4) Benzaldehyde | 6.98 | 77 | 9787 | 18.633 | ng/ul | 99 |
| 6) Phenol | 7.02 | 94 | 58107 | 18.733 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.25 | 93 | 43734 | 19.630 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.39 | 128 | 47515 | 19.768 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.26 | 108 | 45573 | 18.996 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.34 | 45 | 62335 | 20.350 | ng/ul | 99 |
| 14) Acetophenone | 8.65 | 105 | 72385 | 18.795 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.62 | 70 | 36143 | 19.005 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.59 | 108 | 49886 | 18.919 | ng/ul | 98 |
| 17) Hexachloroethane | 8.89 | 117 | 17489 | 20.010 | ng/ul | 99 |
| 20) Nitrobenzene | 9.03 | 77 | 52012 | 19.994 | ng/ul | 100 |
| 21) Isophorone | 9.55 | 82 | 104835 | 19.403 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.74 | 139 | 29346 | 20.515 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.79 | 107 | 55117 | 19.895 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.03 | 93 | 64081 | 19.819 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.27 | 162 | 48761 | 20.157 | ng/ul | 99 |
| 28) Naphthalene | 10.66 | 128 | 162653 | 19.997 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.79 | 127 | 50430 | 21.271 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.93 | 225 | 28989 | 20.599 | ng/ul | 99 |
| 32) Caprolactam | 11.56 | 113 | 17186 | 17.702 | ng/ul | 97 |
| 33) 4-Chloro-3-methylphenol | 11.91 | 107 | 54473 | 19.500 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.27 | 142 | 121247 | 19.793 | ng/ul | 99 |

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**Instrument :** BNA_N
**ClientSampleId :** SSTD02043

Quant Time: Dec 28 00:05:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 27 05:47:30 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 59953 | 21.958 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.60 | 237 | 28665 | 17.095 | ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 12.89 | 196 | 39406 | 21.437 | ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.97 | 196 | 42516 | 20.915 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.29 | 154 | 148528 | 20.548 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.33 | 162 | 115998 | 20.610 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.56 | 65 | 31473 | 19.915 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.91 | 163 | 147360 | 19.019 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.05 | 165 | 31715 | 20.166 | ng/ul | 98 |
| 47) Acenaphthylene | 14.19 | 152 | 187607 | 20.913 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.39 | 138 | 30995 | 19.382 | ng/ul | 97 |
| 49) Acenaphthene | 14.52 | 153 | 131479 | 20.583 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.60 | 184 | 21000 | 20.601 | ng/ul | 98 |
| 52) 4-Nitrophenol | 14.70 | 109 | 15875 | 15.321 | ng/ul | 96 |
| 53) Dibenzofuran | 14.86 | 168 | 184372 | 20.333 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.85 | 165 | 47164 | 19.274 | ng/ul | 93 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.09 | 232 | 35473 | 18.646 | ng/ul | 99 |
| 56) Diethylphthalate | 15.27 | 149 | 148461 | 18.740 | ng/ul | 99 |
| 58) Fluorene | 15.51 | 166 | 147971 | 19.599 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.50 | 204 | 71333 | 19.069 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.55 | 138 | 34905 | 17.560 | ng/ul | 100 |
| 63) 4,6-Dinitro-2-methylphenol | 15.61 | 198 | 25273 | 17.936 | ng/ul | 98 |
| 64) N-Nitrosodiphenylamine | 15.72 | 169 | 127997 | 22.211 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.39 | 248 | 46483 | 21.715 | ng/ul | 96 |
| 66) Hexachlorobenzene | 16.50 | 284 | 55006 | 20.540 | ng/ul | 98 |
| 67) Atrazine | 16.66 | 200 | 41479 | 19.747 | ng/ul | 98 |
| 68) Pentachlorophenol | 16.86 | 266 | 25616 | 16.754 | ng/ul | 98 |
| 69) Phenanthrene | 17.25 | 178 | 219549 | 19.956 | ng/ul | 99 |
| 71) Anthracene | 17.34 | 178 | 236470 | 20.969 | ng/ul | 98 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216 | 57193 | 23.985 | ng/uL | 99 |
| 73) Pentachlorobenzene | 14.77 | 250 | 63727 | 23.390 | ng/uL | 99 |
| 74) Carbazole | 17.62 | 167 | 219215 | 21.155 | ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.15 | 149 | 261010 | 21.371 | ng/ul | 100 |
| 76) Fluoranthene | 19.27 | 202 | 267543 | 19.840 | ng/ul | 100 |
| 79) Pyrene | 19.63 | 202 | 276612 | 22.001 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.52 | 149 | 115703 | 20.596 | ng/ul | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.32 | 252 | 102193 | 19.739 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.38 | 228 | 283901 | 20.230 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 179776 | 20.949 | ng/ul | 99 |
| 84) Chrysene | 21.43 | 228 | 268884 | 20.456 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.17 | 149 | 301429 | 20.108 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 23.02 | 252 | 315214 | 19.728 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 23.06 | 252 | 285021 | 19.051 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.62 | 252 | 308374 | 20.040 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 26.09 | 276 | 298279 | 14.871 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 26.09 | 278 | 253593 | 15.209 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.82 | 276 | 236866 | 14.109 | ng/ul | 97 |

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

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ALS Vial : 2 Sample Multiplier: 1

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BNA_N
**ClientSampleId :**
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Quant Title : SVOA CALIBRATION
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