Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
Data File : BN003534.D
Acq On : 14 Nov 2018 19:32
Operator : MJ/SJ
Sample : SSTD00545
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD00545

Quant Time: Nov 15 01:04:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 15 00:28:14 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 95891 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.64 | 136 | 421185 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.48 | 164 | 261474 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.22 | 188 | 538258 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.40 | 240 | 656210 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.71 | 264 | 723848 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 3892 | 2.12 | ng/uL | 0.00 |
| 5) Phenol-d5 | 0.00 | 99 | 0d | 0.00 | ng/ul | |
| 7) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0d | 0.00 | ng/ul | |
| 9) 2-Chlorophenol-d4 | 7.37 | 132 | 32136 | 4.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 19) Nitrobenzene-d5 | 9.01 | 128 | 14574 | 4.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.73 | 143 | 14979 | 4.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.25 | 165 | 32010 | 4.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 43) Dimethylphthalate-d6 | 13.88 | 166 | 111413 | 5.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.17 | 160 | 132992 | 4.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 57) Fluorene-d10 | 15.47 | 176 | 86273 | 4.52 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.32 | 188 | 134189 | 5.12 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.61 | 212 | 153184 | 4.16 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.56 | 264 | 190606 | 4.93 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 4661 | 2.321 | ng/uL# | 85 |
| 10) 2-Chlorophenol | 7.40 | 128 | 33003 | 4.761 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.65 | 70 | 22017 | 4.708 | ng/ul | 99 |
| 17) Hexachloroethane | 8.92 | 117 | 12633 | 5.050 | ng/ul | 93 |
| 20) Nitrobenzene | 9.05 | 77 | 33001 | 4.842 | ng/ul | 97 |
| 21) Isophorone | 9.56 | 82 | 62919 | 4.933 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.76 | 139 | 17133 | 4.438 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.80 | 107 | 35940 | 4.872 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.05 | 93 | 43442 | 5.107 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.28 | 162 | 32012 | 4.685 | ng/ul | 98 |
| 28) Naphthalene | 10.69 | 128 | 114710 | 5.209 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.96 | 225 | 21233 | 5.040 | ng/ul | 98 |
| 33) 4-Chloro-3-methylphenol | 11.91 | 107 | 31833 | 4.774 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.30 | 142 | 83519 | 5.238 | ng/ul | 99 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.66 | 216 | 44092 | 4.861 | ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 12.90 | 196 | 25093 | 4.429 | ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 12.97 | 196 | 28449 | 4.573 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.31 | 154 | 110391 | 5.068 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.36 | 162 | 85218 | 4.971 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.56 | 65 | 16623 | 4.201 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.93 | 163 | 111041 | 5.277 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 14.06 | 165 | 18039 | 4.226 | ng/ul | 98 |
| 47) Acenaphthylene | 14.20 | 152 | 128114 | 5.013 | ng/ul | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 49) Acenaphthene | 14.55 | 153 | 94390 | 5.196 ng/ul | 99 |
| 53) Dibenzofuran | 14.87 | 168 | 133265 | 5.169 ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.85 | 165 | 28528 | 4.639 ng/ul | 97 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.10 | 232 | 23753 | 4.463 ng/ul | 98 |
| 56) Diethylphthalate | 15.29 | 149 | 93054 | 4.547 ng/ul | 100 |
| 58) Fluorene | 15.53 | 166 | 93983 | 4.547 ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.52 | 204 | 49102 | 4.514 ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 15.73 | 169 | 81761 | 4.916 ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.41 | 248 | 30732 | 4.656 ng/ul | 96 |
| 66) Hexachlorobenzene | 16.52 | 284 | 38097 | 4.912 ng/ul | 99 |
| 69) Phenanthrene | 17.26 | 178 | 155941 | 5.197 ng/ul | 100 |
| 71) Anthracene | 17.35 | 178 | 158356 | 5.224 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.27 | 216 | 43864 | 5.260 ng/uL | 98 |
| 73) Pentachlorobenzene | 14.79 | 250 | 47954 | 5.448 ng/uL | 99 |
| 75) Di-n-butylphthalate | 18.17 | 149 | 144944 | 4.770 ng/ul | 99 |
| 79) Pyrene | 19.64 | 202 | 191535 | 4.208 ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.53 | 149 | 64728 | 3.813 ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.38 | 228 | 203889 | 5.115 ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 92799 | 3.817 ng/ul | 100 |
| 84) Chrysene | 21.43 | 228 | 193995 | 5.173 ng/ul | 99 |
| 87) Benzo(b)fluoranthene | 23.00 | 252 | 210266 | 4.840 ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 23.05 | 252 | 213531 | 4.994 ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.60 | 252 | 205500 | 4.948 ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 26.06 | 276 | 244415 | 4.937 ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 26.07 | 278 | 206011 | 4.970 ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.79 | 276 | 200597 | 4.908 ng/ul | 99 |

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

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