Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
Data File : BN013922.D
Acq On : 11 Mar 2021 19:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02066

Quant Time: Mar 11 23:37:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 09:36:12 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 192353 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.50 | 136 | 808777 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.35 | 164 | 477141 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.09 | 188 | 977869 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.27 | 240 | 991232 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.49 | 264 | 971598 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 38056 | 7.85 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.88 | 99 | 309068 | 19.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 190062 | 19.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 244662 | 20.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 237226 | 20.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 111823 | 20.66 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.58 | 143 | 107206 | 20.74 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 228792 | 20.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 320336 | 22.91 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.76 | 166 | 650987 | 20.32 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.04 | 160 | 875747 | 20.67 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.54 | 143 | 117637 | 19.57 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.35 | 176 | 566667 | 20.03 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 83102 | 18.28 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.19 | 188 | 861843 | 20.17 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.48 | 212 | 941577 | 19.53 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.34 | 264 | 969289 | 20.04 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 38916 | 7.912 | ng/uL | 99 |
| 4) Benzaldehyde | 6.86 | 77 | 198312 | 25.328 | ng/ul | 99 |
| 6) Phenol | 6.91 | 94 | 335620 | 20.130 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 262659 | 20.143 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.28 | 128 | 261800 | 20.658 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.15 | 108 | 242939 | 20.198 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 394501 | 19.813 | ng/ul | 98 |
| 14) Acetophenone | 8.53 | 105 | 406599 | 20.946 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.52 | 70 | 197593 | 20.514 | ng/ul | 96 |
| 16) 4-Methylphenol | 8.48 | 108 | 268954 | 20.608 | ng/ul | 96 |
| 17) Hexachloroethane | 8.79 | 117 | 107831 | 20.058 | ng/ul | 93 |
| 20) Nitrobenzene | 8.91 | 77 | 297585 | 20.101 | ng/ul | 98 |
| 21) Isophorone | 9.43 | 82 | 520720 | 20.059 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.62 | 139 | 131094 | 21.675 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.68 | 107 | 290686 | 20.408 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.92 | 93 | 344331 | 19.867 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.14 | 162 | 239244 | 20.586 | ng/ul | 99 |
| 28) Naphthalene | 10.55 | 128 | 837011 | 19.963 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.65 | 127 | 329279 | 22.664 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.83 | 225 | 147043 | 19.869 | ng/ul | 98 |
| 32) Caprolactam | 11.40 | 113 | 64372 | 18.300 | ng/ul | 92 |
| 33) 4-Chloro-3-methylphenol | 11.77 | 107 | 247713 | 20.913 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 583856 | 20.382 | ng/ul | 94 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.38 | 142 | 559019 | 20.248 | ng/ul | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 287171 | 19.991 | ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.52 | 237 | 163887 | 19.160 | ng/ul | 95 |
| 39) 2,4,6-Trichlorophenol | 12.77 | 196 | 170638 | 20.581 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.84 | 196 | 188338 | 20.704 | ng/ul | 97 |
| 41) 1,1'-Biphenyl | 13.18 | 154 | 719368 | 20.050 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.22 | 162 | 567998 | 20.250 | ng/ul | 98 |
| 43) 2-Nitroaniline | 13.42 | 65 | 152903 | 21.026 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.81 | 163 | 680964 | 20.541 | ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 13.93 | 165 | 128024 | 21.549 | ng/ul | 93 |
| 48) Acenaphthylene | 14.07 | 152 | 832794 | 20.272 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.25 | 138 | 142855 | 22.110 | ng/ul | 100 |
| 50) Acenaphthene | 14.42 | 153 | 602767 | 20.113 | ng/ul | 97 |
| 51) 2,4-Dinitrophenol | 14.46 | 184 | 54136 | 17.309 | ng/ul | 96 |
| 53) 4-Nitrophenol | 14.56 | 109 | 95397 | 19.705 | ng/ul | 93 |
| 54) Dibenzofuran | 14.75 | 168 | 832453 | 20.151 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.71 | 165 | 185127 | 21.811 | ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 145990 | 20.792 | ng/ul | 99 |
| 57) Diethylphthalate | 15.18 | 149 | 675280 | 20.381 | ng/ul | 100 |
| 59) Fluorene | 15.40 | 166 | 683649 | 20.336 | ng/ul | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.40 | 204 | 323058 | 20.029 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.42 | 138 | 152369 | 20.587 | ng/ul | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 89824 | 18.761 | ng/ul | 96 |
| 65) N-Nitrosodiphenylamine | 15.61 | 169 | 572799 | 20.340 | ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.29 | 248 | 193243 | 20.630 | ng/ul | 94 |
| 67) Hexachlorobenzene | 16.40 | 284 | 219752 | 19.642 | ng/ul | 97 |
| 68) Atrazine | 16.56 | 200 | 188601 | 19.381 | ng/ul | 93 |
| 69) Pentachlorophenol | 16.74 | 266 | 105872 | 17.959 | ng/ul | 99 |
| 70) Phenanthrene | 17.13 | 178 | 1036490 | 19.563 | ng/ul | 99 |
| 72) Anthracene | 17.23 | 178 | 1069619 | 19.860 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.15 | 216 | 281269 | 19.642 | ng/uL | 97 |
| 74) Pentachlorobenzene | 14.67 | 250 | 265646 | 19.692 | ng/uL | 94 |
| 75) Carbazole | 17.49 | 167 | 966286 | 20.109 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.06 | 149 | 1095293 | 20.371 | ng/ul | 99 |
| 77) Fluoranthene | 19.15 | 202 | 1167450 | 19.928 | ng/ul | 96 |
| 80) Pyrene | 19.51 | 202 | 1234003 | 19.334 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.42 | 149 | 444264 | 20.220 | ng/ul | 93 |
| 82) 3,3'-Dichlorobenzidine | 21.19 | 252 | 363161 | 19.523 | ng/ul | 92 |
| 83) Benzo(a)anthracene | 21.25 | 228 | 1211070 | 19.850 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 711833 | 19.361 | ng/ul | 96 |
| 85) Chrysene | 21.30 | 228 | 1182124 | 19.907 | ng/ul | 97 |
| 87) Di-n-octyl phthalate | 22.06 | 149 | 1169245 | 19.260 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.82 | 252 | 1191089 | 20.179 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.86 | 252 | 1159297 | 19.577 | ng/ul | 95 |
| 91) Benzo(a)pyrene | 23.39 | 252 | 1070420 | 20.007 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 1368896 | 20.474 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.73 | 278 | 1140868 | 20.012 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 26.41 | 276 | 1094952 | 19.498 | ng/ul | 97 |

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

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