Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004911.D
Acq On : 05 Mar 2021 11:47
Operator : CG/JU
Sample : SSTD08078
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD08078

**Manual Integrations APPROVED**
mohammad
3/8/2021 9:36:19 AM

Quant Time: Mar 05 12:17:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 11:17:24 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 42569 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.53 | 136 | 174817 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.39 | 164 | 120543 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.15 | 188 | 266779 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.25 | 240 | 303953 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.54 | 264 | 293534 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 31163 | 28.80 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 278919 | 80.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 138703 | 77.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.28 | 132 | 225124 | 84.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.46 | 113 | 227071 | 82.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 108734 | 85.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 128586 | 89.93 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 244835 | 90.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.68 | 131 | 254337 | 82.29 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.81 | 166 | 722186 | 81.89 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.09 | 160 | 908943 | 84.18 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.62 | 143 | 131889 | 83.60 | ng/ul | 0.01 |
| 58) Fluorene-d10 | 15.39 | 176 | 626928 | 83.61 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 154175 | 88.63 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.26 | 188 | 1010008 | 83.48 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.50 | 212 | 1179815 | 82.25 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 1292007 | 85.88 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 31178 | 26.482 | ng/uL# | 88 |
| 4) Benzaldehyde | 6.88 | 77 | 118428 | 66.842 | ng/ul | 96 |
| 6) Phenol | 6.95 | 94 | 289618 | 79.474 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.17 | 93 | 211774 | 78.961 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.30 | 128 | 235151 | 83.955 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.19 | 108 | 222882 | 82.006 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.27 | 45 | 211283 | 121.845 | ng/ul | 99 |
| 14) Acetophenone | 8.56 | 105 | 371646 | 81.385 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.56 | 70 | 178048 | 80.600 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.53 | 108 | 240450 | 82.221 | ng/ul | 99 |
| 17) Hexachloroethane | 8.81 | 117 | 101205 | 82.072 | ng/ul | 98 |
| 20) Nitrobenzene | 8.94 | 77 | 269188 | 77.965 | ng/ul | 99 |
| 21) Isophorone | 9.48 | 82 | 484174 | 81.965 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.65 | 139 | 137166 | 85.265 | ng/ul | 92 |
| 24) 2,4-Dimethylphenol | 9.72 | 107 | 294035 | 82.323 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.95 | 93 | 287824 | 80.693 | ng/ul | 97 |
| 27) 2,4-Dichlorophenol | 10.19 | 162 | 242756 | 87.260 | ng/ul | 99 |
| 28) Naphthalene | 10.58 | 128 | 745104 | 80.539 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.70 | 127 | 258499 | 81.143 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.86 | 225 | 180740 | 88.689 | ng/ul | 99 |
| 32) Caprolactam | 11.50 | 113 | 77047m | 85.254 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.84 | 107 | 272331 | 85.966 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.20 | 142 | 548404 | 83.314 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.42 | 142 | 533601 | 83.420 | ng/ul | 95 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216 | 342113 | 88.533 | ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.55 | 237 | 228396 | 92.751 | ng/ul | 95 |
| 39) 2,4,6-Trichlorophenol | 12.82 | 196 | 215591 | 89.072 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.89 | 196 | 231635 | 89.301 | ng/ul | 95 |
| 41) 1,1'-Biphenyl | 13.22 | 154 | 732955 | 81.211 | ng/ul | 99 |
| 42) 2-Chloronaphthalene | 13.26 | 162 | 576051 | 81.209 | ng/ul | 98 |
| 43) 2-Nitroaniline | 13.47 | 65 | 170233 | 83.862 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.86 | 163 | 738826 | 81.506 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.98 | 165 | 160904 | 88.760 | ng/ul | 98 |
| 48) Acenaphthylene | 14.12 | 152 | 845726 | 81.817 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.31 | 138 | 128070 | 77.370 | ng/ul | 91 |
| 50) Acenaphthene | 14.46 | 153 | 612445 | 81.593 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.52 | 184 | 111377 | 95.538 | ng/ul | 92 |
| 53) 4-Nitrophenol | 14.63 | 109 | 136036 | 79.426 | ng/ul | 92 |
| 54) Dibenzofuran | 14.80 | 168 | 878694 | 80.888 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.77 | 165 | 230253 | 86.212 | ng/ul | 91 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 220476 | 96.248 | ng/ul | 99 |
| 57) Diethylphthalate | 15.23 | 149 | 746031 | 81.379 | ng/ul | 97 |
| 59) Fluorene | 15.45 | 166 | 760179 | 83.905 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.45 | 204 | 415118 | 86.992 | ng/ul | 97 |
| 61) 4-Nitroaniline | 15.48 | 138 | 142840 | 75.537 | ng/ul | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 154569 | 87.670 | ng/ul | 96 |
| 65) N-Nitrosodiphenylamine | 15.66 | 169 | 642627 | 82.039 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.34 | 248 | 261673 | 92.720 | ng/ul | 96 |
| 67) Hexachlorobenzene | 16.45 | 284 | 293240 | 90.522 | ng/ul | 96 |
| 68) Atrazine | 16.63 | 200 | 262025 | 85.338 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.80 | 266 | 193261 | 97.347 | ng/ul | 98 |
| 70) Phenanthrene | 17.20 | 178 | 1174511 | 81.003 | ng/ul | 100 |
| 72) Anthracene | 17.29 | 178 | 1219261 | 82.372 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216 | 339803 | 85.554 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.72 | 250 | 342984 | 88.660 | ng/uL | 98 |
| 75) Carbazole | 17.56 | 167 | 1042781 | 80.105 | ng/ul | 98 |
| 76) Di-n-butylphthalate | 18.12 | 149 | 1299835 | 84.462 | ng/ul | 100 |
| 77) Fluoranthene | 19.17 | 202 | 1454781 | 83.646 | ng/ul | 98 |
| 80) Pyrene | 19.53 | 202 | 1498778 | 79.828 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.40 | 149 | 594378 | 81.133 | ng/ul | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.16 | 252 | 531899 | 84.024 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.23 | 228 | 1525303 | 81.214 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 903095 | 82.502 | ng/ul | 98 |
| 85) Chrysene | 21.28 | 228 | 1454487 | 79.487 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.05 | 149 | 1486810 | 75.243 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.85 | 252 | 1554434 | 83.286 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.90 | 252 | 1560483 | 84.553 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.45 | 252 | 1377347 | 84.051 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.92 | 276 | 1783140 | 85.023 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.93 | 278 | 1530594 | 85.800 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 26.64 | 276 | 1473202 | 84.377 | ng/ul | 97 |

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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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