Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010106.D
Acq On : 05 Mar 2020 09:11
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02082

**Manual Integrations APPROVED**
mohammad
3/6/2020 10:25:12 AM

Quant Time: Mar 05 16:41:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 14:04:18 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.35 | 152 | 94050 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.09 | 136 | 412824 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.00 | 164 | 264437 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.76 | 188 | 560123 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 20.99 | 240 | 496226 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.09 | 264 | 539406 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.00 | 96 | 15977m | 6.99 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.56 | 99 | 165624 | 20.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.71 | 67 | 108327 | 19.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.89 | 132 | 126202 | 20.95 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.07 | 113 | 128848 | 20.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.49 | 128 | 61061 | 20.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.21 | 143 | 69511 | 21.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.74 | 165 | 128612 | 20.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.26 | 131 | 158703 | 22.24 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.43 | 166 | 385929 | 19.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.68 | 160 | 447717 | 19.25 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.26 | 143 | 60453 | 16.76 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.00 | 176 | 334157 | 19.59 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 63020 | 18.11 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.86 | 188 | 495271 | 19.29 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.17 | 212 | 530922 | 20.47 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.95 | 264 | 526271 | 19.54 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.03 | 88 | 18489 | 7.038 | ng/uL | 94 |
| 4) Benzaldehyde | 6.52 | 77 | 70732 | 13.296 | ng/ul | 89 |
| 6) Phenol | 6.59 | 94 | 173509 | 20.240 | ng/ul | 93 |
| 8) Bis(2-Chloroethyl)ether | 6.80 | 93 | 135790 | 20.154 | ng/ul | 96 |
| 10) 2-Chlorophenol | 6.92 | 128 | 134728 | 21.238 | ng/ul | 97 |
| 11) 2-Methylphenol | 7.80 | 108 | 128396 | 20.467 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.89 | 45 | 341355 | 20.667 | ng/ul | 98 |
| 14) Acetophenone | 8.17 | 105 | 216691 | 20.898 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.16 | 70 | 120874 | 22.309 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.13 | 108 | 142280 | 20.670 | ng/ul | 93 |
| 17) Hexachloroethane | 8.39 | 117 | 58145 | 20.146 | ng/ul | 93 |
| 20) Nitrobenzene | 8.54 | 77 | 176805 | 19.867 | ng/ul | 97 |
| 21) Isophorone | 9.06 | 82 | 319293 | 20.386 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.24 | 139 | 77571 | 20.982 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.31 | 107 | 165877 | 20.665 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.55 | 93 | 187081 | 19.544 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 9.77 | 162 | 133123 | 20.773 | ng/ul | 99 |
| 28) Naphthalene | 10.15 | 128 | 432785 | 19.441 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.28 | 127 | 169147 | 23.146 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.43 | 225 | 83813 | 19.557 | ng/ul# | 86 |
| 32) Caprolactam | 11.06 | 113 | 38745m | 18.028 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.42 | 107 | 153133 | 20.898 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.77 | 142 | 318124 | 20.580 | ng/ul | 97 |

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**Instrument :**
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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 11.99 | 142 | 299590 | 19.335 | ng/uL | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.16 | 216 | 162788 | 20.769 | ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.13 | 237 | 39313 | 11.592 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.42 | 196 | 105012 | 21.109 | ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 12.49 | 196 | 111453 | 20.884 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 12.82 | 154 | 418175 | 20.589 | ng/ul | 98 |
| 42) 2-Chloronaphthalene | 12.85 | 162 | 321776 | 19.949 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.09 | 65 | 125314 | 21.245 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.47 | 163 | 396805 | 19.253 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.60 | 165 | 81334 | 20.158 | ng/ul | 97 |
| 48) Acenaphthylene | 13.71 | 152 | 491554 | 19.523 | ng/ul | 99 |
| 49) 3-Nitroaniline | 13.93 | 138 | 76024 | 20.409 | ng/ul | 90 |
| 50) Acenaphthene | 14.06 | 153 | 335739 | 19.451 | ng/ul | 96 |
| 51) 2,4-Dinitrophenol | 14.17 | 184 | 39599 | 17.095 | ng/ul | 96 |
| 53) 4-Nitrophenol | 14.27 | 109 | 60172 | 18.486 | ng/ul | 92 |
| 54) Dibenzofuran | 14.40 | 168 | 486597 | 20.085 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.41 | 165 | 120666 | 20.179 | ng/ul | 96 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.65 | 232 | 95533 | 20.820 | ng/ul | 98 |
| 57) Diethylphthalate | 14.86 | 149 | 406884 | 19.226 | ng/ul | 98 |
| 59) Fluorene | 15.06 | 166 | 395201 | 19.437 | ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.06 | 204 | 194748 | 19.421 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.11 | 138 | 76014 | 16.734 | ng/ul | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198 | 66744 | 17.806 | ng/ul | 98 |
| 65) N-Nitrosodiphenylamine | 15.29 | 169 | 346161 | 20.829 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 15.96 | 248 | 112289 | 20.035 | ng/ul | 95 |
| 67) Hexachlorobenzene | 16.07 | 284 | 121275 | 19.555 | ng/ul | 94 |
| 68) Atrazine | 16.26 | 200 | 118482 | 18.793 | ng/ul | 94 |
| 69) Pentachlorophenol | 16.43 | 266 | 63725 | 17.780 | ng/ul | 95 |
| 70) Phenanthrene | 16.80 | 178 | 607857 | 19.016 | ng/ul | 99 |
| 72) Anthracene | 16.89 | 178 | 626116 | 19.160 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.77 | 216 | 158030 | 19.311 | ng/uL | 95 |
| 74) Pentachlorobenzene | 14.33 | 250 | 152215 | 19.288 | ng/uL | 93 |
| 75) Carbazole | 17.18 | 167 | 552268 | 19.191 | ng/ul | 98 |
| 76) Di-n-butylphthalate | 17.76 | 149 | 686104 | 19.316 | ng/ul | 99 |
| 77) Fluoranthene | 18.84 | 202 | 690194 | 18.433 | ng/ul | 96 |
| 80) Pyrene | 19.20 | 202 | 717714 | 20.062 | ng/ul | 96 |
| 81) Butylbenzylphthalate | 20.14 | 149 | 309998 | 21.078 | ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 20.92 | 252 | 208870 | 19.305 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 20.97 | 228 | 701892 | 20.583 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 462665 | 20.605 | ng/ul | 97 |
| 85) Chrysene | 21.03 | 228 | 649598 | 19.349 | ng/ul | 96 |
| 87) Di-n-octyl phthalate | 21.78 | 149 | 777285 | 19.039 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.47 | 252 | 677412 | 19.370 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.52 | 252 | 654885 | 19.776 | ng/ul | 95 |
| 91) Benzo(a)pyrene | 23.00 | 252 | 639866 | 20.342 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.12 | 276 | 717463 | 19.212 | ng/ul | 95 |
| 93) Dibenzo(a,h)anthracene | 25.12 | 278 | 610138 | 19.098 | ng/ul | 97 |
| 94) Benzo(g,h,i)perylene | 25.73 | 276 | 592420 | 18.919 | ng/ul | 98 |

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3/6/2020 10:25:12 AM

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|---|---|---|---|---|---|---|

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

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