Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM010320\
Data File : BM024419.D
Acq On : 03 Jan 2020 18:08
Operator : JU
Sample : SSTD16003
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SICV10

Quant Time: Jan 03 18:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 03 16:57:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 252452 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.17 | 136 | 1062279 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.07 | 164 | 575032 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.83 | 188 | 1012358 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.05 | 240 | 834822 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.16 | 264 | 940104 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.96 | 96 | 454756 | 79.58 | ng/uL | -0.01 |
| 5) Phenol-d5 | 6.61 | 99 | 3874173 | 162.08 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.76 | 67 | 2457929 | 171.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.95 | 132 | 2932722 | 172.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.15 | 113 | 2924688 | 149.68 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.56 | 128 | 1365069 | 178.83 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.28 | 143 | 1577027 | 187.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.81 | 165 | 2799260 | 171.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.33 | 131 | 2427384 | 122.49 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.50 | 166 | 6601714 | 155.25 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8 | 13.76 | 160 | 8731667 | 171.37 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.33 | 143 | 1019469 | 133.53 | ng/ul | 0.01 |
| 58) Fluorene-d10 | 15.07 | 176 | 5724629 | 153.57 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 1112575 | 180.15 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 16.93 | 188 | 7734505 | 167.91 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.24 | 212 | 7355048 | 184.96 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.04 | 264 | 7763728 | 166.26 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.00 | 88 | 469797 | 74.216 | ng/uL | 97 |
| 4) Benzaldehyde | 6.56 | 77 | 1530034 | 99.012 | ng/ul | 99 |
| 6) Phenol | 6.64 | 94 | 4041116 | 163.720 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 6.86 | 93 | 3141420 | 164.248 | ng/ul | 97 |
| 10) 2-Chlorophenol | 6.98 | 128 | 2979848 | 170.424 | ng/ul | 98 |
| 11) 2-Methylphenol | 7.86 | 108 | 2864763 | 156.098 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 7.94 | 45 | 3727510 | 169.219 | ng/ul | 99 |
| 14) Acetophenone | 8.24 | 105 | 4523462 | 153.509 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.26 | 70 | 2607952 | 160.205 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.22 | 108 | 3023787 | 148.406 | ng/ul | 96 |
| 17) Hexachloroethane | 8.45 | 117 | 1296759 | 179.682 | ng/ul | 99 |
| 20) Nitrobenzene | 8.61 | 77 | 3809205 | 179.531 | ng/ul | 96 |
| 21) Isophorone | 9.15 | 82 | 6625439 | 167.064 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.31 | 139 | 1661459 | 179.816 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.39 | 107 | 3343025 | 167.723 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.62 | 93 | 4083652 | 165.751 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 9.84 | 162 | 2698434 | 168.983 | ng/ul | 99 |
| 28) Naphthalene | 10.22 | 128 | 9020296 | 162.045 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.35 | 127 | 2435485 | 121.769 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.50 | 225 | 1776612 | 179.968 | ng/ul | 99 |
| 32) Caprolactam | 11.19 | 113 | 471145 | 78.081 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.51 | 107 | 2887635 | 150.698 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 11.85 | 142 | 6096314 | 153.216 | ng/ul | 97 |

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**Instrument :** BNA_N
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.07 | 142 | 6146307 | 151.340 ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.23 | 216 | 3044065 | 195.828 ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.20 | 237 | 1782506 | 254.495 ng/ul | 96 |
| 39) 2,4,6-Trichlorophenol | 12.49 | 196 | 1960746 | 190.725 ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.57 | 196 | 2005402 | 180.952 ng/ul | 100 |
| 41) 1,1'-Biphenyl | 12.89 | 154 | 7670382 | 178.702 ng/ul | 99 |
| 42) 2-Chloronaphthalene | 12.93 | 162 | 6054730 | 179.542 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.16 | 65 | 1846618 | 186.763 ng/ul | 94 |
| 45) Dimethylphthalate | 13.55 | 163 | 6748141 | 152.699 ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 13.68 | 165 | 1489484 | 171.101 ng/ul | 89 |
| 48) Acenaphthylene | 13.79 | 152 | 9105534 | 168.328 ng/ul | 99 |
| 49) 3-Nitroaniline | 14.01 | 138 | 1095253 | 132.566 ng/ul | 98 |
| 50) Acenaphthene | 14.13 | 153 | 6223642 | 167.330 ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.23 | 184 | 765867 | 156.555 ng/ul | 90 |
| 53) 4-Nitrophenol | 14.35 | 109 | 870010 | 142.907 ng/ul | 95 |
| 54) Dibenzofuran | 14.47 | 168 | 8364006 | 161.757 ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.48 | 165 | 2084204 | 158.536 ng/ul | 86 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.72 | 232 | 1610228 | 160.716 ng/ul | 92 |
| 57) Diethylphthalate | 14.93 | 149 | 6750817 | 150.250 ng/ul | 96 |
| 59) Fluorene | 15.13 | 166 | 7067952 | 161.865 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.13 | 204 | 3582640 | 168.725 ng/ul | 95 |
| 61) 4-Nitroaniline | 15.19 | 138 | 1102050 | 120.805 ng/ul | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.26 | 198 | 1153629 | 174.894 ng/ul# | 90 |
| 65) N-Nitrosodiphenylamine | 15.36 | 169 | 5467397 | 185.745 ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.03 | 248 | 2099553 | 195.111 ng/ul | 94 |
| 67) Hexachlorobenzene | 16.14 | 284 | 2427305 | 184.221 ng/ul | 96 |
| 68) Atrazine | 16.33 | 200 | 1838729 | 168.049 ng/ul | 99 |
| 69) Pentachlorophenol | 16.49 | 266 | 1167710 | 169.121 ng/ul | 98 |
| 70) Phenanthrene | 16.87 | 178 | 9404110 | 165.927 ng/ul | 99 |
| 72) Anthracene | 16.97 | 178 | 9592197 | 168.346 ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.85 | 216 | 2958398 | 232.843 ng/uL | 99 |
| 74) Pentachlorobenzene | 14.40 | 250 | 2926317 | 209.127 ng/uL | 99 |
| 75) Carbazole | 17.25 | 167 | 7741652 | 158.163 ng/ul | 99 |
| 76) Di-n-butylphthalate | 17.82 | 149 | 10314442 | 175.707 ng/ul | 99 |
| 77) Fluoranthene | 18.90 | 202 | 9707746 | 157.151 ng/ul | 100 |
| 80) Pyrene | 19.27 | 202 | 9860233 | 180.921 ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.20 | 149 | 4505725 | 209.850 ng/ul | 92 |
| 82) 3,3'-Dichlorobenzidine | 20.97 | 252 | 2786923 | 150.383 ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.03 | 228 | 8720181 | 163.946 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 6708728 | 209.668 ng/ul | 96 |
| 85) Chrysene | 21.09 | 228 | 8528101 | 163.579 ng/ul | 98 |
| 87) Di-n-octyl phthalate | 21.84 | 149 | 10467206 | 206.072 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.55 | 252 | 9604255 | 170.741 ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.59 | 252 | 9084049 | 164.590 ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.09 | 252 | 8460439 | 166.261 ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.27 | 276 | 10256329 | 167.853 ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.27 | 278 | 8332220 | 162.649 ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 25.90 | 276 | 8819552 | 176.782 ng/ul | 99 |

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Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
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Quant Time: Jan 03 18:40:26 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 03 16:57:52 2020
Response via : Initial Calibration

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

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

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