Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072720\
Data File : BM026867.D
Acq On : 27 Jul 2020 11:16
Operator : JU/CG
Sample : SSTD01005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01005

Quant Time: Jul 27 12:40:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 12:34:37 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 73063 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 282840 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.31 | 164 | 175971 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.05 | 188 | 371893 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.25 | 240 | 366428 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.47 | 264 | 361392 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 6733 | 2.77 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.84 | 99 | 62612 | 9.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.01 | 67 | 43673 | 9.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 47167 | 9.17 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 48104 | 8.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 21498 | 9.61 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.54 | 143 | 18637 | 7.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 47874 | 10.25 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.58 | 131 | 51748 | 10.52 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.72 | 166 | 139488 | 9.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.00 | 160 | 175869 | 10.37 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 19827 | 9.79 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.31 | 176 | 118956 | 9.68 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 11412 | 4.91 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.15 | 188 | 184665 | 10.08 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.45 | 212 | 190674 | 10.01 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.32 | 264 | 198305 | 10.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 8184 | 3.109 | ng/uL# | 93 |
| 4) Benzaldehyde | 6.82 | 77 | 51117 | 14.385 | ng/ul | 96 |
| 6) Phenol | 6.87 | 94 | 67912 | 9.232 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.11 | 93 | 54266 | 9.688 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.24 | 128 | 48522 | 8.561 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.11 | 108 | 48343 | 9.198 | ng/ul | 93 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.21 | 45 | 49464 | 4.552 | ng/ul | 94 |
| 14) Acetophenone | 8.48 | 105 | 82231 | 9.069 | ng/ul | 95 |
| 15) N-Nitroso-di-n-propylamine | 8.48 | 70 | 50172 | 9.367 | ng/ul | 95 |
| 16) 4-Methylphenol | 8.44 | 108 | 51891 | 8.882 | ng/ul | 95 |
| 17) Hexachloroethane | 8.75 | 117 | 23696 | 9.435 | ng/ul | 94 |
| 20) Nitrobenzene | 8.86 | 77 | 71429 | 10.126 | ng/ul | 95 |
| 21) Isophorone | 9.38 | 82 | 127766 | 10.775 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.57 | 139 | 21774 | 7.890 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.64 | 107 | 59492 | 9.362 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.87 | 93 | 68218 | 9.676 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.10 | 162 | 46567 | 9.649 | ng/ul | 98 |
| 28) Naphthalene | 10.50 | 128 | 157670 | 9.418 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.60 | 127 | 53348 | 10.209 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.81 | 225 | 31966 | 9.139 | ng/ul | 99 |
| 32) Caprolactam | 11.34 | 113 | 13982 | 10.490 | ng/ul | 96 |
| 33) 4-Chloro-3-methylphenol | 11.74 | 107 | 52728 | 9.601 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.12 | 142 | 113234 | 9.655 | ng/ul | 97 |

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Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01005

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.34 | 142 | 111613 | 10.210 | ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 60629 | 9.479 | ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.49 | 237 | 38350 | 11.749 | ng/ul | 96 |
| 39) 2,4,6-Trichlorophenol | 12.74 | 196 | 33369 | 8.838 | ng/ul | 95 |
| 40) 2,4,5-Trichlorophenol | 12.80 | 196 | 35525 | 8.603 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.14 | 154 | 147773 | 9.702 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.18 | 162 | 118437 | 9.879 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.37 | 65 | 32798 | 8.137 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.77 | 163 | 145596 | 9.910 | ng/ul | 98 |
| 46) 2,6-Dinitrotoluene | 13.88 | 165 | 23486 | 8.271 | ng/ul | 91 |
| 48) Acenaphthylene | 14.03 | 152 | 177913 | 9.794 | ng/ul | 98 |
| 49) 3-Nitroaniline | 14.20 | 138 | 21278 | 9.015 | ng/ul# | 98 |
| 50) Acenaphthene | 14.38 | 153 | 123856 | 9.647 | ng/ul | 100 |
| 51) 2,4-Dinitrophenol | 14.41 | 184 | 6799 | 4.609 | ng/ul | 93 |
| 53) 4-Nitrophenol | 14.51 | 109 | 20825 | 9.988 | ng/ul | 95 |
| 54) Dibenzofuran | 14.71 | 168 | 170319 | 9.349 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.67 | 165 | 34213 | 8.101 | ng/ul | 99 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 26481 | 7.450 | ng/ul | 97 |
| 57) Diethylphthalate | 15.15 | 149 | 144469 | 9.784 | ng/ul | 98 |
| 59) Fluorene | 15.36 | 166 | 141389 | 9.500 | ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204 | 69365 | 8.967 | ng/ul | 99 |
| 61) 4-Nitroaniline | 15.36 | 138 | 26685 | 9.995 | ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.43 | 198 | 12960 | 5.266 | ng/ul | 94 |
| 65) N-Nitrosodiphenylamine | 15.57 | 169 | 119564 | 9.615 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.26 | 248 | 42632 | 9.509 | ng/ul | 98 |
| 67) Hexachlorobenzene | 16.37 | 284 | 47883 | 9.372 | ng/ul | 98 |
| 68) Atrazine | 16.53 | 200 | 42584 | 10.511 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.71 | 266 | 19721 | 7.828 | ng/ul | 97 |
| 70) Phenanthrene | 17.09 | 178 | 220597 | 9.526 | ng/ul | 99 |
| 72) Anthracene | 17.18 | 178 | 225925 | 9.669 | ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.11 | 216 | 57650 | 8.991 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.64 | 250 | 55351 | 9.013 | ng/uL | 97 |
| 75) Carbazole | 17.45 | 167 | 197520 | 10.558 | ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.05 | 149 | 231307 | 10.219 | ng/ul | 99 |
| 77) Fluoranthene | 19.11 | 202 | 250514 | 10.458 | ng/ul | 99 |
| 80) Pyrene | 19.48 | 202 | 260961 | 10.049 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.41 | 149 | 92641 | 10.056 | ng/ul | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.17 | 252 | 80059 | 10.839 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.24 | 228 | 247473 | 9.811 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 140239 | 10.222 | ng/ul | 99 |
| 85) Chrysene | 21.28 | 228 | 241001 | 9.631 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.08 | 149 | 237382 | 10.660 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 249635 | 10.169 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.85 | 252 | 244502 | 10.050 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.37 | 252 | 227276 | 10.437 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 276563 | 9.731 | ng/ul | 99 |
| 93) Dibenzo(a,h)anthracene | 25.70 | 278 | 233602 | 9.756 | ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 26.36 | 276 | 231407 | 9.762 | ng/ul | 99 |

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**Instrument :**
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**ClientSampleId :**
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|---|---|---|---|---|---|---|

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

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