Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
Data File : BM000463.D
Acq On : 10 Feb 2015 15:56
Operator : TP/IZ
Sample : G1249-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A4FL9

Quant Time: Feb 11 04:01:18 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 11 03:41:38 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 105647 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.52 | 136 | 413245 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.37 | 164 | 259017 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.12 | 188 | 595562 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.32 | 240 | 632034 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.56 | 264 | 590618 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.89 | 99 | 214892 | 30.62 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 130901 | 30.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 186391 | 30.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 178260 | 30.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 87734 | 33.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.60 | 143 | 95758 | 32.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.13 | 165 | 188691 | 29.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.65 | 131 | 39871 | 6.88 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 603568 | 33.82 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.07 | 160 | 725826 | 29.77 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 97654 | 33.44 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.37 | 176 | 535537 | 29.81 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.49 | 200 | 112242 | 35.61 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.22 | 188 | 835594 | 30.85 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.52 | 212 | 909994 | 30.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.42 | 264 | 822982 | 31.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.92 | 94 | 131225 | 18.09 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 297500 | 50.88 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.16 | 108 | 313055 | 55.37 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.53 | 70 | 251133 | 56.34 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.49 | 108 | 330243 | 53.92 | ng/ul | 93 |
| 17) Hexachloroethane | 8.79 | 117 | 92650 | 33.35 | ng/ul | 93 |
| 21) Isophorone | 9.45 | 82 | 445358 | 37.70 | ng/ul | 99 |
| 24) 2,4-Dimethylphenol | 9.69 | 107 | 305180 | 40.69 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.93 | 93 | 320469 | 44.34 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.16 | 162 | 92309 | 15.00 | ng/ul | 96 |
| 28) Naphthalene | 10.56 | 128 | 435906 | 20.94 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.85 | 225 | 247036 | 52.03 | ng/ul | 99 |
| 32) Caprolactam | 11.42 | 113 | 60552 | 44.92 | ng/ul | 87 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216 | 288654 | 33.83 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.53 | 237 | 166165 | 33.09 | ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 12.87 | 196 | 186545 | 35.75 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.24 | 162 | 279435 | 17.36 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.83 | 163 | 356771 | 18.19 | ng/ul | 99 |
| 47) Acenaphthylene | 14.09 | 152 | 513871 | 20.19 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.28 | 138 | 13426 | 4.11 | ng/ul# | 98 |
| 49) Acenaphthene | 14.44 | 153 | 498402 | 29.62 | ng/ul | 95 |
| 50) 2,4-Dinitrophenol | 14.49 | 184 | 86026 | 48.76 | ng/ul | 92 |
| 53) Dibenzofuran | 14.77 | 168 | 426268 | 17.36 | ng/ul | 94 |

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|---|---|---|---|---|---|---|
| 58) Fluorene | 15.43 | 166 | 143740 | 7.25 | ng/ul | 96 |
| 59) 4-Chlorophenyl-phenylether | 15.42 | 204 | 290007 | 28.15 | ng/ul | 93 |
| 60) 4-Nitroaniline | 15.45 | 138 | 217552 | 59.65 | ng/ul | 99 |
| 63) 4,6-Dinitro-2-methylphenol | 15.51 | 198 | 230656 | 69.54 | ng/ul# | 96 |
| 68) Pentachlorophenol | 16.77 | 266 | 278834 | 82.00 | ng/ul | 99 |
| 71) Anthracene | 17.25 | 178 | 951909 | 29.25 | ng/ul | 99 |
| 72) Carbazole | 17.53 | 167 | 1007612 | 36.52 | ng/ul | 98 |
| 74) Fluoranthene | 19.19 | 202 | 633014 | 17.81 | ng/ul | 100 |
| 78) Butylbenzylphthalate | 20.45 | 149 | 298793 | 23.08 | ng/ul | 94 |
| 81) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 420131 | 22.90 | ng/ul | 98 |
| 82) Chrysene | 21.36 | 228 | 991160 | 28.82 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 22.93 | 252 | 1201585 | 35.53 | ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.47 | 252 | 1158233 | 34.82 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.82 | 276 | 503955 | 13.67 | ng/ul | 98 |

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

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