Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021615\
Data File : BG015993.D
Acq On : 16 Feb 2015 13:01
Operator : TP/IZ
Sample : PB81744BL
Misc : SBLK19
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SBLK19

Quant Time: Feb 17 18:02:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 17 13:09:30 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 53209 | 20.00 | ng/ul | -0.02 |
| 18) Naphthalene-d8 | 10.60 | 136 | 240394 | 20.00 | ng/ul | -0.02 |
| 35) Acenaphthene-d10 | 14.44 | 164 | 148413 | 20.00 | ng/ul | -0.01 |
| 61) Phenanthrene-d10 | 17.18 | 188 | 325650 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.36 | 240 | 358742 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.69 | 264 | 344107 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 10338 | 7.96 | ng/uL | -0.01 |
| 5) Phenol-d5 | 6.97 | 99 | 193643 | 36.68 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.14 | 67 | 119627 | 39.34 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.34 | 132 | 144775 | 36.99 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8 | 8.51 | 113 | 148131 | 36.10 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.96 | 128 | 72478 | 36.21 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.68 | 143 | 70926 | 34.68 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 126216 | 34.95 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.73 | 131 | 227019 | 56.55 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6 | 13.85 | 166 | 426161 | 42.75 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8 | 14.13 | 160 | 555846 | 40.91 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4 | 14.63 | 143 | 84571 | 33.99 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.43 | 176 | 403603 | 41.53 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 43655 | 22.66 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.28 | 188 | 620735 | 41.50 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.58 | 212 | 684051 | 42.85 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.53 | 264 | 630376 | 41.37 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 108 | 0.07 | ng/uL# | 23 |
| 4) Benzaldehyde | 6.96 | 77 | 190 | 0.12 | ng/ul# | 2 |
| 8) Bis(2-Chloroethyl)ether | 7.23 | 93 | 841 | 0.20 | ng/ul# | 64 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.50 | 45 | 1056 | 0.18 | ng/ul# | 67 |
| 15) N-Nitroso-di-n-propylamine | 8.50 | 70 | 3645 | 1.02 | ng/ul# | 1 |
| 20) Nitrobenzene | 8.96 | 77 | 345 | 0.08 | ng/ul# | 36 |
| 21) Isophorone | 9.53 | 82 | 416 | 0.04 | ng/ul# | 63 |
| 28) Naphthalene | 10.65 | 128 | 256 | 0.02 | ng/ul# | 68 |
| 30) 4-Chloroaniline | 10.76 | 127 | 574 | 0.14 | ng/ul# | 84 |
| 34) 2-Methylnaphthalene | 12.26 | 142 | 336 | 0.04 | ng/ul# | 78 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 116 | 0.03 | ng/ul# | 26 |
| 40) 1,1'-Biphenyl | 13.27 | 154 | 676 | 0.06 | ng/ul# | 42 |
| 41) 2-Chloronaphthalene | 13.32 | 162 | 439 | 0.05 | ng/ul# | 39 |
| 44) Dimethylphthalate | 13.90 | 163 | 748 | 0.07 | ng/ul# | 76 |
| 47) Acenaphthylene | 14.16 | 152 | 930 | 0.06 | ng/ul# | 85 |
| 49) Acenaphthene | 14.50 | 153 | 593 | 0.06 | ng/ul# | 69 |
| 53) Dibenzofuran | 14.84 | 168 | 877 | 0.07 | ng/ul | 94 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.07 | 232 | 111 | 0.05 | ng/ul# | 38 |
| 56) Diethylphthalate | 15.26 | 149 | 721 | 0.06 | ng/ul# | 58 |
| 58) Fluorene | 15.48 | 166 | 732 | 0.06 | ng/ul# | 84 |
| 59) 4-Chlorophenyl-phenylether | 15.48 | 204 | 263 | 0.05 | ng/ul# | 74 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 198 | 134 | 0.06 | ng/ul# | 1 |
| 64) N-Nitrosodiphenylamine | 15.70 | 169 | 535 | 0.05 | ng/ul | 94 |

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|---|---|---|---|---|---|---|
| 66) Hexachlorobenzene | 16.48 | 284 | 155 | 0.04 | ng/ul# | 43 |
| 67) Atrazine | 16.64 | 200 | 165 | 0.05 | ng/ul# | 32 |
| 69) Phenanthrene | 17.22 | 178 | 1409 | 0.08 | ng/ul# | 77 |
| 71) Anthracene | 17.32 | 178 | 1361 | 0.08 | ng/ul# | 75 |
| 72) Carbazole | 17.58 | 167 | 1003 | 0.06 | ng/ul# | 58 |
| 73) Di-n-butylphthalate | 18.15 | 149 | 1204 | 0.06 | ng/ul# | 75 |
| 74) Fluoranthene | 19.24 | 202 | 1050 | 0.06 | ng/ul# | 86 |
| 77) Pyrene | 19.60 | 202 | 1710 | 0.08 | ng/ul# | 94 |
| 78) Butylbenzylphthalate | 20.51 | 149 | 451 | 0.05 | ng/ul# | 68 |
| 79) 3,3'-Dichlorobenzidine | 21.29 | 252 | 360 | 0.05 | ng/ul# | 86 |
| 80) Benzo(a)anthracene | 21.35 | 228 | 2481 | 0.13 | ng/ul | 94 |
| 81) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 672 | 0.05 | ng/ul# | 84 |
| 82) Chrysene | 21.40 | 228 | 1345 | 0.07 | ng/ul# | 82 |
| 84) Di-n-octyl phthalate | 22.19 | 149 | 1116 | 0.06 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.98 | 252 | 1212 | 0.06 | ng/ul# | 85 |
| 86) Benzo(k)fluoranthene | 23.02 | 252 | 1069 | 0.06 | ng/ul# | 58 |
| 88) Benzo(a)pyrene | 23.58 | 252 | 1268 | 0.07 | ng/ul# | 57 |
| 89) Indeno(1,2,3-cd)pyrene | 26.07 | 276 | 598 | 0.03 | ng/ul | 95 |
| 90) Dibenzo(a,h)anthracene | 26.06 | 278 | 446 | 0.02 | ng/ul# | 53 |
| 91) Benzo(g,h,i)perylene | 26.79 | 276 | 1113 | 0.06 | ng/ul# | 55 |

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

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