Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025203.D
Acq On : 15 Dec 2016 8:45
Operator : UM/SJ
Sample : H5938-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA832

Quant Time: Dec 15 10:38:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 04:58:54 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.24 | 152 | 98009 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.07 | 136 | 427814 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.87 | 164 | 335599 | 20.00 | ng/ul | 0.01 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 648903 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 811757 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.32 | 264 | 841930 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.58 | 96 | 16908 | 8.91 | ng/uL | -0.01 |
| 5) Phenol-d5 | 7.38 | 99 | 179055 | 21.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 126887 | 24.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 127607 | 21.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 156837 | 22.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 79913 | 26.38 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 85968 | 22.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 161977 | 22.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 450445 | 63.10 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 14.27 | 166 | 524158 | 22.71 | ng/ul | 0.02 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 611012 | 24.16 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4 | 15.09 | 143 | 105474 | 26.59 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 15.85 | 176 | 637501 | 29.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 104775 | 26.11 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.71 | 188 | 682987 | 24.94 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 805465 | 24.09 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.08 | 264 | 845274 | 24.78 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.36 | 77 | 58647 | 9.21 | ng/ul# | 1 |
| 6) Phenol | 7.41 | 94 | 103516 | 11.93 | ng/ul# | 90 |
| 11) 2-Methylphenol | 8.68 | 108 | 131927 | 20.65 | ng/ul | 97 |
| 14) Acetophenone | 9.03 | 105 | 337749 | 31.41 | ng/ul# | 74 |
| 16) 4-Methylphenol | 9.02 | 108 | 626739 | 88.16 | ng/ul | 89 |
| 17) Hexachloroethane | 9.34 | 117 | 99369 | 37.73 | ng/ul# | 1 |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 457822 | 52.26 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 10.49 | 93 | 82781 | 9.22 | ng/ul# | 1 |
| 27) 2,4-Dichlorophenol | 10.69 | 162 | 206492 | 29.28 | ng/ul# | 29 |
| 28) Naphthalene | 11.12 | 128 | 2024597 | 101.81 | ng/ul | 96 |
| 30) 4-Chloroaniline | 11.20 | 127 | 11908 | 1.63 | ng/ul# | 1 |
| 33) 4-Chloro-3-methylphenol | 12.30 | 107 | 11193 | 1.29 | ng/ul# | 35 |
| 34) 2-Methylnaphthalene | 12.72 | 142 | 2754241 | 175.50 | ng/ul | 92 |
| 40) 1,1'-Biphenyl | 13.70 | 154 | 663242 | 32.60 | ng/ul | 98 |
| 44) Dimethylphthalate | 14.31 | 163 | 430791 | 18.99 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.47 | 165 | 5830 | 1.20 | ng/ul# | 1 |
| 47) Acenaphthylene | 14.59 | 152 | 67469 | 2.74 | ng/ul# | 1 |
| 49) Acenaphthene | 14.93 | 153 | 165160 | 9.81 | ng/ul# | 84 |
| 52) 4-Nitrophenol | 15.09 | 109 | 6681 | 1.40 | ng/ul# | 1 |
| 53) Dibenzofuran | 15.26 | 168 | 406656 | 15.27 | ng/ul | 95 |
| 54) 2,4-Dinitrotoluene | 15.25 | 165 | 21500 | 2.93 | ng/ul# | 1 |
| 58) Fluorene | 15.91 | 166 | 438187 | 20.21 | ng/ul# | 93 |
| 64) N-Nitrosodiphenylamine | 16.11 | 169 | 84850 | 5.08 | ng/ul# | 60 |

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|---|---|---|---|---|---|---|
| 67) Atrazine | 17.02 | 200 | 18755 | 2.36 | ng/ul# | 1 |
| 69) Phenanthrene | 17.65 | 178 | 237178 | 7.66 | ng/ul# | 92 |
| 71) Anthracene | 17.74 | 178 | 57168 | 1.80 | ng/ul# | 72 |
| 74) Fluoranthene | 19.64 | 202 | 42550 | 1.16 | ng/ul# | 89 |
| 77) Pyrene | 20.01 | 202 | 59517 | 1.53 | ng/ul# | 89 |

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

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