Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025200.D
Acq On : 15 Dec 2016 6:47
Operator : UM/SJ
Sample : H5970-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA849

Quant Time: Dec 15 10:26:03 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 | 96236 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.07 | 136 | 427697 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.87 | 164 | 348299 | 20.00 | ng/ul | 0.01 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 628131 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.89 | 240 | 776929 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.32 | 264 | 808064 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.59 | 96 | 5812 | 3.12 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 134332 | 16.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 103670 | 20.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.76 | 132 | 98786 | 17.01 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 120759 | 17.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 66009 | 21.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 67262 | 17.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 122211 | 16.83 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 700784 | 98.20 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 14.27 | 166 | 428012 | 17.87 | ng/ul | 0.02 |
| 46) Acenaphthylene-d8 | 14.57 | 160 | 526982 | 20.08 | ng/ul | 0.02 |
| 51) 4-Nitrophenol-d4 | 15.10 | 143 | 151458 | 36.78 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 15.86 | 176 | 571734 | 25.35 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 98789 | 25.44 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.71 | 188 | 523962 | 19.76 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 601854 | 18.81 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.08 | 264 | 622466 | 19.01 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.36 | 77 | 56332 | 9.01 | ng/ul# | 1 |
| 6) Phenol | 7.42 | 94 | 25953 | 3.05 | ng/ul# | 65 |
| 15) N-Nitroso-di-n-propylamine | 9.05 | 70 | 6129 | 1.01 | ng/ul# | 64 |
| 16) 4-Methylphenol | 9.01 | 108 | 8811 | 1.26 | ng/ul | 90 |
| 17) Hexachloroethane | 9.34 | 117 | 111941 | 43.29 | ng/ul# | 1 |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 16328 | 1.86 | ng/ul# | 87 |
| 25) Bis(2-Chloroethoxy)methane | 10.48 | 93 | 39040 | 4.35 | ng/ul# | 81 |
| 27) 2,4-Dichlorophenol | 10.69 | 162 | 240740 | 34.14 | ng/ul# | 28 |
| 28) Naphthalene | 11.12 | 128 | 2519154 | 126.71 | ng/ul# | 95 |
| 34) 2-Methylnaphthalene | 12.73 | 142 | 4606768 | 293.62 | ng/ul | 88 |
| 40) 1,1'-Biphenyl | 13.71 | 154 | 1350992 | 63.98 | ng/ul | 96 |
| 42) 2-Nitroaniline | 13.97 | 65 | 28589 | 4.34 | ng/ul# | 55 |
| 44) Dimethylphthalate | 14.31 | 163 | 238285 | 10.12 | ng/ul# | 95 |
| 45) 2,6-Dinitrotoluene | 14.48 | 165 | 9337 | 1.85 | ng/ul# | 1 |
| 47) Acenaphthylene | 14.60 | 152 | 140810 | 5.52 | ng/ul# | 1 |
| 49) Acenaphthene | 14.94 | 153 | 356850 | 20.42 | ng/ul# | 86 |
| 52) 4-Nitrophenol | 15.09 | 109 | 11693 | 2.36 | ng/ul# | 1 |
| 53) Dibenzofuran | 15.27 | 168 | 839136 | 30.36 | ng/ul | 93 |
| 54) 2,4-Dinitrotoluene | 15.26 | 165 | 58917 | 7.73 | ng/ul# | 1 |
| 58) Fluorene | 15.92 | 166 | 921664 | 40.95 | ng/ul# | 96 |
| 63) 4,6-Dinitro-2-methylphenol | 15.99 | 198 | 11492 | 2.86 | ng/ul# | 1 |
| 64) N-Nitrosodiphenylamine | 16.11 | 169 | 178720 | 11.06 | ng/ul# | 52 |
| 67) Atrazine | 17.02 | 200 | 37459 | 4.88 | ng/ul# | 23 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025200.D
Acq On : 15 Dec 2016 6:47
Operator : UM/SJ
Sample : H5970-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA849

Quant Time: Dec 15 10:26:03 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) |
|---|---|---|---|---|---|---|
| 69) Phenanthrene | 17.65 | 178 | 470891 | 15.71 | ng/ul# | 92 |
| 71) Anthracene | 17.74 | 178 | 103898 | 3.37 | ng/ul# | 81 |
| 74) Fluoranthene | 19.64 | 202 | 85894 | 2.41 | ng/ul | 98 |
| 77) Pyrene | 20.01 | 202 | 91574 | 2.45 | ng/ul | 99 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121416\
Data File : BG025200.D
Acq On : 15 Dec 2016 6:47
Operator : UM/SJ
Sample : H5970-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA849

Quant Time: Dec 15 10:26:03 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