Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025163.D
Acq On : 14 Dec 2016 2:43
Operator : UM/SJ
Sample : H5990-13MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS005-0106-03MS

Quant Time: Dec 14 04:08:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.23 | 152 | 86285 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.07 | 136 | 397768 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 325783 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 614547 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 719503 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.33 | 264 | 719175 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.59 | 96 | 6882 | 4.12 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 205219 | 27.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 132968 | 28.87 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 141690 | 27.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 190707 | 30.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 84779 | 30.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 99736 | 28.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 196609 | 29.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 134003 | 20.19 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.26 | 166 | 669759 | 29.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 753084 | 30.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.07 | 143 | 103296 | 26.82 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.85 | 176 | 602920 | 28.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.98 | 200 | 107574 | 28.31 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.70 | 188 | 836302 | 32.24 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 891489 | 30.08 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.10 | 264 | 887563 | 30.46 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.42 | 94 | 243019 | 31.81 | ng/ul | 94 |
| 10) 2-Chlorophenol | 7.80 | 128 | 138570 | 26.48 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 9.04 | 70 | 163510 | 29.90 | ng/ul | 94 |
| 33) 4-Chloro-3-methylphenol | 12.33 | 107 | 231228 | 28.61 | ng/ul | 96 |
| 44) Dimethylphthalate | 14.30 | 163 | 136152 | 6.18 | ng/ul# | 94 |
| 49) Acenaphthene | 14.93 | 153 | 490310 | 29.99 | ng/ul | 98 |
| 52) 4-Nitrophenol | 15.08 | 109 | 122143 | 26.37 | ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 15.23 | 165 | 200179 | 28.07 | ng/ul | 97 |
| 68) Pentachlorophenol | 17.26 | 266 | 136072 | 28.99 | ng/ul | 95 |
| 69) Phenanthrene | 17.65 | 178 | 37399 | 1.28 | ng/ul | 98 |
| 74) Fluoranthene | 19.64 | 202 | 98502 | 2.83 | ng/ul | 99 |
| 77) Pyrene | 20.01 | 202 | 1081300 | 31.26 | ng/ul | 97 |
| 80) Benzo(a)anthracene | 21.87 | 228 | 49441 | 1.32 | ng/ul# | 92 |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 23329 | 1.25 | ng/ul# | 92 |
| 82) Chrysene | 21.95 | 228 | 66534 | 1.90 | ng/ul# | 85 |

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

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