Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025286.D
Acq On : 17 Dec 2016 22:46
Operator : UM/SJ
Sample : H6040-11DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA8W4DL

**Manual Integrations APPROVED**
umangi
12/20/2016 10:54:39 AM

Quant Time: Dec 18 04:32:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.23 | 152 | 68164 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.06 | 136 | 279587 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 211768 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.60 | 188 | 458069 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 602707 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.32 | 264 | 613532 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.57 | 96 | 2013 | 1.53 | ng/uL | -0.02 |
| 5) Phenol-d5 | 7.40 | 99 | 17511 | 2.98 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 10375 | 2.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 12827 | 3.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.95 | 113 | 15398 | 3.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.41 | 128 | 5679 | 2.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 7460 | 3.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 13992 | 2.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.22 | 131 | 15904 | 3.41 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 14.25 | 166 | 51053 | 3.50 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.55 | 160 | 62020 | 3.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.11 | 143 | 6451 | 2.58 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.85 | 176 | 56371m | 4.11 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.70 | 188 | 74840 | 3.87 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 92176 | 3.71 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.09 | 264 | 90889 | 3.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.43 | 94 | 7094 | 1.18 | ng/ul# | 88 |
| 11) 2-Methylphenol | 8.68 | 108 | 27780 | 6.25 | ng/ul | 91 |
| 16) 4-Methylphenol | 9.02 | 108 | 70839 | 14.33 | ng/ul | 91 |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 161074m | 28.13 | ng/ul | |
| 28) Naphthalene | 11.12 | 128 | 101365 | 7.80 | ng/ul# | 96 |
| 34) 2-Methylnaphthalene | 12.70 | 142 | 107364 | 10.47 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.69 | 154 | 25903 | 2.02 | ng/ul# | 90 |
| 53) Dibenzofuran | 15.25 | 168 | 26070 | 1.55 | ng/ul | 97 |
| 58) Fluorene | 15.90 | 166 | 39913 | 2.92 | ng/ul | 98 |
| 69) Phenanthrene | 17.64 | 178 | 41988 | 1.92 | ng/ul# | 96 |

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

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