Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025289.D
Acq On : 18 Dec 2016 00:44
Operator : UM/SJ
Sample : H5995-15DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA883DL

Quant Time: Dec 19 19:01:51 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 | 79607 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.06 | 136 | 302746 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 234505 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 489951 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 631138 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.33 | 264 | 647265 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.58 | 96 | 1209 | 0.78 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.40 | 99 | 20906 | 3.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 15897 | 3.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.76 | 132 | 13804 | 2.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 15722 | 2.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.41 | 128 | 8659 | 4.04 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 8444 | 3.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.68 | 165 | 17537 | 3.41 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.22 | 131 | 40648 | 8.05 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 14.26 | 166 | 54782 | 3.40 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 71321 | 4.04 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 57) Fluorene-d10 | 15.85 | 176 | 86675 | 5.71 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.71 | 188 | 82417 | 3.99 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 97856 | 3.76 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.09 | 264 | 93781 | 3.58 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.42 | 94 | 57427 | 8.15 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.68 | 108 | 70439 | 13.57 | ng/ul | 94 |
| 16) 4-Methylphenol | 9.02 | 108 | 184958 | 32.03 | ng/ul | 84 |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 316533 | 51.05 | ng/ul | 93 |
| 28) Naphthalene | 11.11 | 128 | 289209 | 20.55 | ng/ul# | 97 |
| 34) 2-Methylnaphthalene | 12.70 | 142 | 639610 | 57.59 | ng/ul | 100 |
| 40) 1,1'-Biphenyl | 13.69 | 154 | 112499 | 7.91 | ng/ul | 99 |
| 49) Acenaphthene | 14.93 | 153 | 77233 | 6.56 | ng/ul# | 74 |
| 53) Dibenzofuran | 15.25 | 168 | 142288 | 7.64 | ng/ul# | 79 |
| 58) Fluorene | 15.91 | 166 | 243762 | 16.09 | ng/ul# | 94 |
| 69) Phenanthrene | 17.65 | 178 | 474001 | 20.27 | ng/ul# | 96 |
| 74) Fluoranthene | 19.64 | 202 | 80443 | 2.89 | ng/ul# | 97 |
| 77) Pyrene | 20.01 | 202 | 116424 | 3.84 | ng/ul | 98 |

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

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