Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
Data File : BG026094.D
Acq On : 7 Mar 2017 13:30
Operator : SJ/MA
Sample : SSTD16008
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD16008

**Manual Integrations APPROVED**
mohammad
3/8/2017 1:47:51 PM

Quant Time: Mar 07 14:09:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 12:37:31 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 137685 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.87 | 136 | 602197 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.67 | 164 | 399909 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.40 | 188 | 849248 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.65 | 240 | 969682 | 20.00 | ng/ul | 0.01 |
| 85) Perylene-d12 | 24.84 | 264 | 994558 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.23 | 99 | 1719826 | 132.58 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.39 | 67 | 1022015 | 129.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.78 | 113 | 1396030 | 130.06 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 0.00 | 128 | 0d | 0.00 | ng/ul | |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 11.00 | 131 | 1503595 | 131.93 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 46) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 51) 4-Nitrophenol-d4 | 14.88 | 143 | 928243 | 165.73 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 820520 | 189.38 | ng/ul | 0.03 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 78) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 89) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.20 | 77 | 683956 | 86.23 | ng/ul | 93 |
| 6) Phenol | 7.26 | 94 | 1736112 | 128.08 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.49 | 93 | 1348803 | 133.82 | ng/ul# | 86 |
| 11) 2-Methylphenol | 8.51 | 108 | 1377555 | 132.49 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.60 | 45 | 1587585 | 112.00 | ng/ul | 95 |
| 14) Acetophenone | 8.89 | 105 | 2034039 | 125.39 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.85 | 108 | 1482238 | 127.44 | ng/ul | 97 |
| 30) 4-Chloroaniline | 11.02 | 127 | 1427644 | 129.78 | ng/ul | 96 |
| 32) Caprolactam | 11.82 | 113 | 541597m | 152.97 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 12.87 | 237 | 1011195 | 177.36 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.58 | 138 | 830240 | 149.10 | ng/ul | 92 |
| 50) 2,4-Dinitrophenol | 14.78 | 184 | 560634 | 200.51 | ng/ul# | 86 |
| 52) 4-Nitrophenol | 14.89 | 109 | 522297 | 156.53 | ng/ul# | 64 |
| 60) 4-Nitroaniline | 15.75 | 138 | 979780 | 148.71 | ng/ul# | 80 |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 853545 | 183.75 | ng/ul# | 91 |
| 67) Atrazine | 16.86 | 200 | 1351394 | 152.57 | ng/ul | 96 |
| 68) Pentachlorophenol | 17.06 | 266 | 930454 | 165.09 | ng/ul | 97 |
| 74) Carbazole | 17.80 | 167 | 5067927 | 122.73 | ng/ul# | 78 |
| 76) Fluoranthene | 19.45 | 202 | 5588981 | 117.73 | ng/ul# | 75 |
| 81) 3,3'-Dichlorobenzidine | 21.55 | 252 | 2148058 | 123.04 | ng/ul | 97 |
| 86) Di-n-octyl phthalate | 22.73 | 149 | 6661563 | 115.15 | ng/ul# | 88 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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