Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032818\
Data File : BM014664.D
Acq On : 28 Mar 2018 12:48
Operator : SJ/JU
Sample : SSTD16066
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD16066

**Manual Integrations APPROVED**
Sohil
3/29/2018 5:40:56 PM

Quant Time: Mar 28 15:28:00 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 14:52:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.59 | 152 | 426941 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.44 | 136 | 1836920 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.19 | 164 | 1006751 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.90 | 188 | 2000278 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.99 | 240 | 1588770 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.51 | 264 | 1403008 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.72 | 99 | 5691806 | 123.23 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.90 | 67 | 3363379 | 111.80 | ng/ul | 0.02 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 9.30 | 113 | 4598893 | 124.81 | 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 | 11.56 | 131 | 4360790 | 117.57 | 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 | 15.36 | 143 | 2284378 | 150.49 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 16.28 | 200 | 1923228 | 160.71 | 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 | 7.70 | 77 | 2397704 | 77.462 | ng/ul | 95 |
| 6) Phenol | 7.75 | 94 | 5492566 | 111.363 | ng/ul | 93 |
| 8) Bis(2-Chloroethyl)ether | 7.99 | 93 | 4163354 | 117.849 | ng/ul# | 87 |
| 11) 2-Methylphenol | 9.02 | 108 | 4212372 | 117.891 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 9.12 | 45 | 7462968 | 126.807 | ng/ul# | 83 |
| 14) Acetophenone | 9.43 | 105 | 6404772 | 103.481 | ng/ul# | 91 |
| 16) 4-Methylphenol | 9.37 | 108 | 4448653 | 109.817 | ng/ul | 100 |
| 30) 4-Chloroaniline | 11.59 | 127 | 4170402 | 106.097 | ng/ul | 99 |
| 32) Caprolactam | 12.39 | 113 | 1322600m | 102.853 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 13.39 | 237 | 3867938 | 225.934 | ng/ul | 99 |
| 48) 3-Nitroaniline | 15.09 | 138 | 2001304 | 127.367 | ng/ul | 96 |
| 50) 2,4-Dinitrophenol | 15.28 | 184 | 1277691 | 132.097 | ng/ul# | 1 |
| 52) 4-Nitrophenol | 15.38 | 109 | 1594625 | 89.933 | ng/ul# | 82 |
| 60) 4-Nitroaniline | 16.25 | 138 | 2393525 | 134.184 | ng/ul | 96 |
| 63) 4,6-Dinitro-2-methylphenol | 16.29 | 198 | 1978312 | 157.408 | ng/ul | 97 |
| 67) Atrazine | 17.34 | 200 | 3462242 | 147.313 | ng/ul | 97 |
| 68) Pentachlorophenol | 17.54 | 266 | 2496382 | 158.076 | ng/ul | 100 |
| 74) Carbazole | 18.29 | 167 | 13460230 | 127.019 | ng/ul | 94 |
| 76) Fluoranthene | 19.90 | 202 | 14545635 | 103.667 | ng/ul# | 94 |
| 81) 3,3'-Dichlorobenzidine | 21.89 | 252 | 4388814 | 145.838 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.83 | 149 | 13517306 | 179.152 | ng/ul# | 83 |

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|---|---|---|---|---|---|---|

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

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