Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
Data File : BM005530.D
Acq On : 20 May 2016 20:57
Operator : UM/SJ
Sample : SSTD16055
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16055

Manual Integrations APPROVED
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Quant Time: May 20 21:34:19 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 20:29:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 78163 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.62 | 136 | 331345 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.46 | 164 | 187855 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.20 | 188 | 422321 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.38 | 240 | 453988 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.66 | 264 | 507515 | 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 | 7.00 | 99 | 996150 | 134.65 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.17 | 67 | 565878 | 139.44 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.55 | 113 | 808035 | 129.08 | 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 | 10.76 | 131 | 793643 | 141.99 | ng/ul | 0.00 |
| 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 | 14.68 | 143 | 444495 | 141.63 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 402893 | 176.90 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 76) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 87) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.98 | 77 | 544312 | 148.65 | ng/ul | 99 |
| 6) Phenol | 7.03 | 94 | 1008553 | 130.25 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.26 | 93 | 756641 | 135.44 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.27 | 108 | 771022 | 128.61 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.36 | 45 | 997651 | 127.48 | ng/ul | 99 |
| 14) Acetophenone | 8.66 | 105 | 1140736 | 120.64 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.62 | 108 | 825877 | 123.58 | ng/ul | 95 |
| 30) 4-Chloroaniline | 10.78 | 127 | 794370 | 133.49 | ng/ul | 97 |
| 32) Caprolactam | 11.59 | 113 | 273611m | 140.00 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 12.63 | 237 | 659668 | 196.85 | ng/ul | 96 |
| 48) 3-Nitroaniline | 14.37 | 138 | 396228 | 126.00 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.57 | 184 | 313230 | 175.30 | ng/ul | 95 |
| 52) 4-Nitrophenol | 14.69 | 109 | 456698 | 160.08 | ng/ul | 93 |
| 60) 4-Nitroaniline | 15.55 | 138 | 507591 | 135.45 | ng/ul | 94 |
| 63) 4,6-Dinitro-2-methylphenol | 15.60 | 198 | 414257 | 167.62 | ng/ul | 100 |
| 67) Atrazine | 16.67 | 200 | 714480 | 164.21 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.85 | 266 | 512560 | 159.41 | ng/ul | 98 |
| 72) Carbazole | 17.60 | 167 | 3004665 | 140.58 | ng/ul | 98 |
| 74) Fluoranthene | 19.26 | 202 | 3800722 | 137.22 | ng/ul | 97 |
| 79) 3,3'-Dichlorobenzidine | 21.30 | 252 | 1033272 | 119.18 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.19 | 149 | 4260014 | 154.89 | ng/ul | 98 |

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

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