Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009222.D
Acq On : 13 Mar 2017 17:46
Operator : SJ/MA
Sample : SSTD16065
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
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Quant Time: Mar 13 18:27:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 17:45:41 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 147003 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.68 | 136 | 758516 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.52 | 164 | 653892 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.27 | 188 | 1516269 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.45 | 240 | 2245606 | 20.00 | ng/ul | 0.01 |
| 85) Perylene-d12 | 23.79 | 264 | 2210490 | 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 | 7.05 | 99 | 2900723 | 189.01 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.22 | 67 | 1699480 | 165.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.59 | 113 | 2261089 | 183.44 | 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 | 10.83 | 131 | 2238404 | 143.05 | 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 | 14.75 | 143 | 1639294 | 167.92 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200 | 1753870 | 203.96 | 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 | 7.03 | 77 | 1127208 | 97.50 | ng/ul | 81 |
| 6) Phenol | 7.07 | 94 | 3022948 | 183.16 | ng/ul# | 83 |
| 8) Bis(2-Chloroethyl)ether | 7.31 | 93 | 2016592 | 167.30 | ng/ul# | 80 |
| 11) 2-Methylphenol | 8.32 | 108 | 2176944 | 181.76 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.42 | 45 | 3307595 | 164.05 | ng/ul# | 88 |
| 14) Acetophenone | 8.72 | 105 | 3631032 | 173.19 | ng/ul# | 79 |
| 16) 4-Methylphenol | 8.66 | 108 | 2418598 | 177.11 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.85 | 127 | 2345699 | 141.11 | ng/ul | 98 |
| 32) Caprolactam | 11.68 | 113 | 922362m | 177.51 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 12.68 | 237 | 1892350 | 172.94 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.45 | 138 | 1509550 | 145.17 | ng/ul# | 77 |
| 50) 2,4-Dinitrophenol | 14.66 | 184 | 1247413 | 211.29 | ng/ul# | 87 |
| 52) 4-Nitrophenol | 14.76 | 109 | 1866110 | 162.56 | ng/ul# | 75 |
| 60) 4-Nitroaniline | 15.63 | 138 | 1707424m | 144.52 | ng/ul | |
| 63) 4,6-Dinitro-2-methylphenol | 15.67 | 198 | 1817579 | 200.42 | ng/ul | 94 |
| 67) Atrazine | 16.74 | 200 | 2995990 | 170.34 | ng/ul | 96 |
| 68) Pentachlorophenol | 16.92 | 266 | 2147117 | 184.95 | ng/ul | 98 |
| 74) Carbazole | 17.69 | 167 | 13182321 | 165.16 | ng/ul | 95 |
| 76) Fluoranthene | 19.32 | 202 | 14960734 | 136.54 | ng/ul | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.37 | 252 | 6093641 | 139.61 | ng/ul | 98 |
| 86) Di-n-octyl phthalate | 22.24 | 149 | 15058158 | 120.40 | ng/ul# | 66 |

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

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

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