Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
Data File : BM016999.D
Acq On : 04 Oct 2018 14:47
Operator : MJ/SJ
Sample : SSTD16047
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD16047

**Manual Integrations APPROVED**
Sohil
10/5/2018 5:27:53 PM

Quant Time: Oct 04 15:22:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 14:40:14 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 172353 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.48 | 136 | 726883 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.35 | 164 | 394255 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.09 | 188 | 869039 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.29 | 240 | 1023406 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.52 | 264 | 1070379 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.89 | 99 | 2296254 | 159.63 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 1332836 | 152.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 1764982 | 156.15 | 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 | 10.63 | 131 | 1647464 | 123.49 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 47) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 52) 4-Nitrophenol-d4 | 14.57 | 143 | 997983 | 168.57 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 63) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 976266 | 190.66 | ng/ul | 0.02 |
| 71) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 79) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 90) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.86 | 77 | 1344958 | 173.963 | ng/ul | 95 |
| 6) Phenol | 6.92 | 94 | 2276120 | 157.853 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 1724982 | 154.652 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.15 | 108 | 1718379 | 158.559 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.24 | 45 | 2407322 | 149.941 | ng/ul | 98 |
| 14) Acetophenone | 8.53 | 105 | 2719929 | 151.744 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.49 | 108 | 1814250 | 155.902 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.65 | 127 | 1677627 | 124.161 | ng/ul | 99 |
| 32) Caprolactam | 11.46 | 113 | 550743m | 166.473 | ng/ul | |
| 38) Hexachlorocyclopentadiene | 12.50 | 237 | 1496020 | 172.599 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.26 | 138 | 915607 | 157.755 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.47 | 184 | 687517 | 203.080 | ng/ul | 93 |
| 53) 4-Nitrophenol | 14.59 | 109 | 682506 | 158.932 | ng/ul | 93 |
| 61) 4-Nitroaniline | 15.44 | 138 | 1147167 | 166.940 | ng/ul | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 15.49 | 198 | 999749 | 184.357 | ng/ul# | 97 |
| 68) Atrazine | 16.57 | 200 | 1470085 | 164.939 | ng/ul | 99 |
| 69) Pentachlorophenol | 16.74 | 266 | 1144040 | 172.604 | ng/ul | 98 |
| 75) Carbazole | 17.50 | 167 | 6724971 | 157.623 | ng/ul | 98 |
| 77) Fluoranthene | 19.16 | 202 | 8929458 | 159.871 | ng/ul | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.21 | 252 | 2946179 | 161.917 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.09 | 149 | 9552145 | 168.571 | ng/ul | 100 |

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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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