Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013442.D
Acq On : 15 Dec 2017 17:22
Operator : SJ/JU
Sample : I6759-12MEDL 20X
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9A20MEDL

**Manual Integrations APPROVED**
Sohil
12/15/2017 7:17:24 PM

Quant Time: Dec 15 19:06:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 174143 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 741001 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 470010 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 1092857 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 1147044 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.48 | 264 | 955793 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 768 | 0.22 | ng/uL | 0.02 |
| 5) Phenol-d5 | 6.86 | 99 | 13235 | 0.88 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 9251 | 1.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 11340 | 0.96 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 10523m | 0.82 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 5451 | 0.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 5240 | 0.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 10697 | 0.83 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.61 | 131 | 11866 | 1.00 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 46617 | 1.11 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 54842 | 1.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.55 | 143 | 535 | 0.07 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.32 | 176 | 41582 | 1.16 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 1576 | 0.23 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 63406 | 1.16 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.46 | 212 | 65764 | 1.15 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.34 | 264 | 49173 | 1.01 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.50 | 128 | 47356 | 1.242 | ng/ul# | 92 |
| 34) 2-Methylnaphthalene | 12.12 | 142 | 44891 | 1.566 | ng/ul | 83 |
| 49) Acenaphthene | 14.38 | 153 | 543005 | 16.689 | ng/ul | 97 |
| 53) Dibenzofuran | 14.72 | 168 | 410208 | 8.540 | ng/ul | 98 |
| 58) Fluorene | 15.37 | 166 | 465032 | 11.703 | ng/ul | 96 |
| 69) Phenanthrene | 17.11 | 178 | 2715565 | 43.738 | ng/ul | 99 |
| 71) Anthracene | 17.20 | 178 | 191058m | 3.011 | ng/ul | |
| 72) Carbazole | 17.47 | 167 | 93739 | 1.717 | ng/ul | 100 |
| 74) Fluoranthene | 19.13 | 202 | 1707515 | 22.442 | ng/ul# | 94 |
| 77) Pyrene | 19.49 | 202 | 1106462 | 15.878 | ng/ul# | 91 |
| 80) Benzo(a)anthracene | 21.24 | 228 | 242340 | 3.330 | ng/ul | 98 |
| 82) Chrysene | 21.29 | 228 | 187646 | 2.779 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.81 | 252 | 99480 | 1.544 | ng/ul# | 91 |

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

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