Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003661.D
Acq On : 20 Dec 2015 19:04
Operator : UM/SJ
Sample : G4867-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** G9DA4

**Manual Integrations APPROVED**
apatel
12/22/2015 12:19:26 PM

Quant Time: Dec 21 03:51:10 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 21555 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.49 | 136 | 104434 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.35 | 164 | 67220 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.10 | 188 | 167317 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.30 | 240 | 216209 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.54 | 264 | 198972 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.16 | 96 | 417 | 1.04 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 14290 | 7.87 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 32823 | 33.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 41749 | 28.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.41 | 113 | 30150 | 19.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 27975 | 36.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 31735 | 37.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 52682 | 33.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 8565m | 4.13 | ng/ul | 0.05 |
| 44) Dimethylphthalate-d6 | 13.76 | 166 | 204057 | 36.73 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.04 | 160 | 238125 | 37.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.56 | 143 | 8519 | 7.87 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.35 | 176 | 175197 | 38.12 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 32023 | 33.96 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.20 | 188 | 287098 | 37.71 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.50 | 212 | 349096 | 36.97 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 373204 | 37.76 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.90 | 94 | 271087 | 141.68 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.15 | 108 | 159069 | 105.02 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.48 | 108 | 391188 | 231.70 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.67 | 107 | 171783m | 88.77 | ng/ul | |
| 28) Naphthalene | 10.55 | 128 | 1600123 | 297.39 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 153437 | 38.19 | ng/ul | 99 |
| 35) 1-Methylnaphthalene | 12.38 | 142 | 166943 | 43.74 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.17 | 154 | 38600 | 7.07 | ng/ul | 99 |
| 48) Acenaphthylene | 14.07 | 152 | 175910 | 25.44 | ng/ul | 99 |
| 50) Acenaphthene | 14.42 | 153 | 27489 | 5.95 | ng/ul | 96 |
| 54) Dibenzofuran | 14.75 | 168 | 83031 | 12.59 | ng/ul | 99 |
| 59) Fluorene | 15.40 | 166 | 72929 | 13.78 | ng/ul | 99 |
| 70) Phenanthrene | 17.14 | 178 | 153487 | 16.58 | ng/ul | 100 |
| 72) Anthracene | 17.23 | 178 | 36943 | 3.91 | ng/ul | 99 |
| 75) Carbazole | 17.50 | 167 | 101874 | 11.83 | ng/ul | 99 |
| 77) Fluoranthene | 19.16 | 202 | 42276 | 3.97 | ng/ul | 99 |
| 80) Pyrene | 19.53 | 202 | 39394 | 3.17 | ng/ul | 98 |

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

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