Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014443.D
Acq On : 01 Mar 2018 21:22
Operator : SJ/JU
Sample : J1678-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5T2

**Manual Integrations APPROVED**
Sohil
3/2/2018 3:32:02 PM

Quant Time: Mar 08 15:06:28 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 104474 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.28 | 136 | 488652 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.17 | 164 | 297806 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.94 | 188 | 644215 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.15 | 240 | 692722 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.33 | 264 | 545489 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.09 | 96 | 14036 | 5.75 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.72 | 99 | 345566 | 39.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.86 | 67 | 206091 | 38.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.05 | 132 | 279099 | 41.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.24 | 113 | 296988 | 38.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.67 | 128 | 147426 | 40.83 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.39 | 143 | 166218 | 44.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.93 | 165 | 294989 | 38.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.45 | 131 | 341255 | 44.74 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.60 | 166 | 980152 | 39.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.86 | 160 | 1246771 | 41.11 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.46 | 143 | 112715 | 33.19 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.18 | 176 | 820881 | 37.26 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 51724 | 13.38 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.04 | 188 | 1242975 | 39.99 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.35 | 212 | 1399003 | 39.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.20 | 264 | 1038964 | 39.13 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.75 | 94 | 19894 | 2.147 | ng/ul | 92 |
| 28) Naphthalene | 10.33 | 128 | 25322 | 1.009 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.64 | 163 | 253768 | 10.464 | ng/ul | 99 |
| 49) Acenaphthene | 14.23 | 153 | 64019 | 3.172 | ng/ul | 92 |
| 58) Fluorene | 15.23 | 166 | 60788 | 2.327 | ng/ul | 92 |
| 69) Phenanthrene | 16.98 | 178 | 827920 | 22.306 | ng/ul | 99 |
| 71) Anthracene | 17.07 | 178 | 186139 | 4.987 | ng/ul | 100 |
| 72) Carbazole | 17.36 | 167 | 97703 | 3.113 | ng/ul# | 93 |
| 74) Fluoranthene | 19.01 | 202 | 1256767 | 28.341 | ng/ul# | 92 |
| 77) Pyrene | 19.38 | 202 | 1078921 | 23.436 | ng/ul# | 93 |
| 80) Benzo(a)anthracene | 21.14 | 228 | 579951 | 13.415 | ng/ul | 97 |
| 81) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 336429 | 12.341 | ng/ul# | 97 |
| 82) Chrysene | 21.19 | 228 | 542469 | 13.451 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 22.69 | 252 | 595532 | 16.305 | ng/ul# | 94 |
| 86) Benzo(k)fluoranthene | 22.72 | 252 | 163909m | 4.720 | ng/ul | |
| 88) Benzo(a)pyrene | 23.24 | 252 | 389749 | 11.941 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 224010 | 7.073 | ng/ul# | 98 |
| 90) Dibenzo(a,h)anthracene | 25.50 | 278 | 68565m | 2.605 | ng/ul | |
| 91) Benzo(g,h,i)perylene | 26.16 | 276 | 174958 | 6.819 | ng/ul# | 88 |

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

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