Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020501.D
Acq On : 22 May 2019 20:58
Operator : JU/SJ
Sample : K2925-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A4297

**Manual Integrations APPROVED**
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5/23/2019 2:22:17 PM

Quant Time: May 23 09:09:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 76825 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.47 | 136 | 296912 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.34 | 164 | 184419 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.09 | 188 | 451946 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.29 | 240 | 506949 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.54 | 264 | 603306 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.16 | 96 | 7609m | 3.66 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.86 | 99 | 97643 | 15.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 64337 | 16.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 78895 | 17.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 63369 | 14.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 35866 | 18.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 41325 | 19.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 82174 | 18.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 55795 | 11.99 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 249186 | 18.78 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 296937 | 17.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 18059m | 9.37 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.33 | 176 | 218924 | 18.55 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.49 | 200 | 19970 | 7.76 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.19 | 188 | 345817 | 17.84 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.50 | 212 | 412656 | 16.90 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.40 | 264 | 461942 | 16.85 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.52 | 128 | 44267 | 3.245 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.14 | 142 | 42627 | 4.316 | ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.16 | 154 | 21046 | 1.594 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.80 | 163 | 70172 | 5.346 | ng/ul | 99 |
| 47) Acenaphthylene | 14.06 | 152 | 80806 | 5.163 | ng/ul# | 96 |
| 49) Acenaphthene | 14.40 | 153 | 120906 | 11.237 | ng/ul | 100 |
| 53) Dibenzofuran | 14.74 | 168 | 184985 | 11.353 | ng/ul | 97 |
| 58) Fluorene | 15.39 | 166 | 196001 | 15.016 | ng/ul | 99 |
| 69) Phenanthrene | 17.14 | 178 | 2942332 | 136.636 | ng/ul | 99 |
| 71) Anthracene | 17.23 | 178 | 777800 | 35.508 | ng/ul | 99 |
| 74) Carbazole | 17.50 | 167 | 195872 | 10.535 | ng/ul | 97 |
| 76) Fluoranthene | 19.17 | 202 | 4851400 | 178.348 | ng/ul | 98 |
| 79) Pyrene | 19.53 | 202 | 4109935 | 135.070 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.28 | 228 | 2528232 | 82.860 | ng/ul | 94 |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 23568 | 1.702 | ng/ul# | 97 |
| 84) Chrysene | 21.33 | 228 | 1983707 | 68.030 | ng/ul | 95 |
| 87) Benzo(b)fluoranthene | 22.87 | 252 | 2512171 | 72.960 | ng/ul | 97 |
| 88) Benzo(k)fluoranthene | 22.91 | 252 | 912998m | 26.995 | ng/ul | |
| 90) Benzo(a)pyrene | 23.46 | 252 | 1919437 | 59.235 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.84 | 276 | 1152850 | 31.223 | ng/ul# | 96 |
| 92) Dibenzo(a,h)anthracene | 25.84 | 278 | 346527 | 10.975 | ng/ul# | 87 |
| 93) Benzo(g,h,i)perylene | 26.54 | 276 | 881126 | 28.829 | ng/ul | 97 |

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

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

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