Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021020\
Data File : BN009685.D
Acq On : 10 Feb 2020 15:00
Operator : CG/JU
Sample : L1324-16ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :**

Quant Time: Feb 11 10:17:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 138152 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.18 | 136 | 577406 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.07 | 164 | 355963 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.83 | 188 | 732931 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.04 | 240 | 694104 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.15 | 264 | 709615 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.07 | 96 | 9892 | 2.94 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.63 | 99 | 197000 | 16.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.79 | 67 | 152211 | 18.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.97 | 132 | 158023 | 17.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.14 | 113 | 167852 | 17.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.58 | 128 | 85799 | 19.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.28 | 143 | 91719 | 19.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.82 | 165 | 159982 | 17.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.33 | 131 | 196959 | 20.41 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.49 | 166 | 565739 | 21.77 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.76 | 160 | 617803 | 19.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.31 | 143 | 73400 | 14.96 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.07 | 176 | 480453 | 21.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 56194 | 12.28 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 16.93 | 188 | 710306 | 21.33 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.23 | 212 | 749189 | 20.53 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.02 | 264 | 732528 | 20.97 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.24 | 128 | 18929480m | 604.540 | ng/ul | |
| 34) 2-Methylnaphthalene | 11.86 | 142 | 5561930 | 253.822 | ng/ul | 98 |
| 40) 1,1'-Biphenyl | 12.89 | 154 | 582353 | 21.012 | ng/ul | 100 |
| 47) Acenaphthylene | 13.79 | 152 | 4613221 | 134.261 | ng/ul | 99 |
| 49) Acenaphthene | 14.13 | 153 | 293043 | 12.545 | ng/ul | 97 |
| 53) Dibenzofuran | 14.47 | 168 | 330657 | 10.166 | ng/ul | 96 |
| 58) Fluorene | 15.13 | 166 | 2373194 | 87.301 | ng/ul | 97 |
| 69) Phenanthrene | 16.88 | 178 | 10389008 | 248.551 | ng/ul | 99 |
| 71) Anthracene | 16.96 | 178 | 2295454 | 54.124 | ng/ul | 100 |
| 74) Carbazole | 17.23 | 167 | 85513 | 2.316 | ng/ul# | 91 |
| 76) Fluoranthene | 18.90 | 202 | 4013062 | 84.122 | ng/ul | 99 |
| 79) Pyrene | 19.27 | 202 | 5501942 | 108.585 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.03 | 228 | 1974841m | 41.208 | ng/ul | |
| 84) Chrysene | 21.07 | 228 | 1648428 | 34.551 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.53 | 252 | 1216380 | 27.398 | ng/ul | 95 |
| 88) Benzo(k)fluoranthene | 22.57 | 252 | 335065m | 7.663 | ng/ul | |
| 90) Benzo(a)pyrene | 23.06 | 252 | 1275200 | 31.001 | ng/ul | 96 |
| 91) Indeno(1,2,3-cd)pyrene | 25.21 | 276 | 488088 | 9.980 | ng/ul | 97 |
| 92) Dibenzo(a,h)anthracene | 25.21 | 278 | 156490 | 3.801 | ng/ul# | 84 |
| 93) Benzo(g,h,i)perylene | 25.83 | 276 | 402093 | 9.810 | ng/ul | 95 |

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

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