Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009652.D
Acq On : 07 Feb 2020 18:38
Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** GAT73DL

**Manual Integrations APPROVED**
mohammad
2/11/2020 8:23:37 AM

Quant Time: Feb 07 23:36:01 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 | 147650 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.18 | 136 | 610693 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.07 | 164 | 374215 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.83 | 188 | 743527 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.04 | 240 | 701465 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.16 | 264 | 712114 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.65 | 99 | 4990m | 0.39 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.80 | 67 | 3133 | 0.36 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 6.98 | 132 | 3983 | 0.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.17 | 113 | 3345 | 0.33 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.60 | 128 | 1457 | 0.32 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4 | 9.30 | 143 | 1311 | 0.26 | ng/ul | 0.02 |
| 26) 2,4-Dichlorophenol-d3 | 9.86 | 165 | 3538 | 0.37 | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 43) Dimethylphthalate-d6 | 13.50 | 166 | 13551 | 0.50 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.76 | 160 | 15969 | 0.48 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 57) Fluorene-d10 | 15.07 | 176 | 13864 | 0.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 16.92 | 188 | 23852 | 0.71 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.23 | 212 | 22910 | 0.62 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.02 | 264 | 21455 | 0.61 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 47) Acenaphthylene | 13.79 | 152 | 346752 | 9.599 | ng/ul | 99 |
| 58) Fluorene | 15.15 | 166 | 30143 | 1.055 | ng/ul# | 68 |
| 69) Phenanthrene | 16.87 | 178 | 246774 | 5.820 | ng/ul | 98 |
| 71) Anthracene | 16.96 | 178 | 205178 | 4.769 | ng/ul | 99 |
| 76) Fluoranthene | 18.90 | 202 | 1906897 | 39.403 | ng/ul | 100 |
| 79) Pyrene | 19.26 | 202 | 3207339 | 62.635 | ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.03 | 228 | 858056m | 17.717 | ng/ul | |
| 84) Chrysene | 21.07 | 228 | 895142 | 18.565 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.54 | 252 | 761759m | 17.098 | ng/ul | |
| 88) Benzo(k)fluoranthene | 22.56 | 252 | 221517m | 5.049 | ng/ul | |
| 90) Benzo(a)pyrene | 23.06 | 252 | 446671 | 10.821 | ng/ul | 96 |
| 91) Indeno(1,2,3-cd)pyrene | 25.22 | 276 | 338196 | 6.891 | ng/ul | 92 |
| 92) Dibenzo(a,h)anthracene | 25.22 | 278 | 107693m | 2.607 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 25.84 | 276 | 338091 | 8.220 | ng/ul | 96 |

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

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