Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005550.D
Acq On : 09 May 2019 01:46
Operator : JU/SJ
Sample : K2604-21 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** GAJ92

**Manual Integrations APPROVED**
Sohil
5/9/2019 2:35:35 PM

Quant Time: May 09 06:41:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 308004 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1351172 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 835982 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.99 | 188 | 1870232m | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.22 | 240 | 1394895m | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.42 | 264 | 1375746 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.21 | 96 | 1940 | 0.30 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 38270 | 1.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 24425 | 1.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 33339 | 1.80 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 31227 | 1.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 20589 | 2.48 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 17177 | 2.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 33668 | 1.74 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 37703 | 1.89 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.64 | 166 | 129718 | 2.14 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.92 | 160 | 151130 | 2.03 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.44 | 143 | 4201m | 0.44 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.22 | 176 | 111358 | 2.19 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 293m | 0.03 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.09 | 188 | 163833 | 2.09 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.40 | 212 | 172276 | 2.41 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.27 | 264 | 120004 | 2.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.41 | 128 | 11454379 | 182.355 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.03 | 142 | 9770952 | 212.444 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 2561938 | 41.130 | ng/ul | 99 |
| 47) Acenaphthylene | 13.95 | 152 | 10857875 | 148.233 | ng/ul | 95 |
| 49) Acenaphthene | 14.29 | 153 | 899664 | 17.991 | ng/ul | 98 |
| 53) Dibenzofuran | 14.63 | 168 | 1039204 | 14.434 | ng/ul | 99 |
| 58) Fluorene | 15.30 | 166 | 806545 | 14.356 | ng/ul# | 56 |
| 69) Phenanthrene | 17.03 | 178 | 21750893m | 238.802 | ng/ul | |
| 71) Anthracene | 17.12 | 178 | 7751720 | 83.544 | ng/ul | 99 |
| 76) Fluoranthene | 19.07 | 202 | 12709924 | 125.805 | ng/ul | 99 |
| 79) Pyrene | 19.43 | 202 | 15951553 | 177.609 | ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.20 | 228 | 6054595m | 69.772 | ng/ul | |
| 84) Chrysene | 21.25 | 228 | 4957220 | 61.552 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.77 | 252 | 3812325 | 49.297 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.80 | 252 | 810045m | 10.967 | ng/ul | |
| 90) Benzo(a)pyrene | 23.33 | 252 | 4173450m | 57.414 | ng/ul | |
| 91) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 1547332 | 19.253 | ng/ul# | 92 |
| 92) Dibenzo(a,h)anthracene | 25.60 | 278 | 452095 | 6.628 | ng/ul# | 83 |
| 93) Benzo(g,h,i)perylene | 26.27 | 276 | 1606957 | 24.182 | ng/ul | 94 |

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

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