Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020426.D
Acq On : 20 May 2019 11:41
Operator : JU/SJ
Sample : K2633-19DL2 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GAJB1DL2

**Manual Integrations APPROVED**
Sohil
5/21/2019 8:27:53 AM

Quant Time: May 21 03:49:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 70262 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.53 | 136 | 265326 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.39 | 164 | 159578 | 20.00 | ng/ul | 0.01 |
| 61) Phenanthrene-d10 | 17.14 | 188 | 370238 | 20.00 | ng/ul | 0.01 |
| 77) Chrysene-d12 | 21.34 | 240 | 355215 | 20.00 | ng/ul | 0.02 |
| 85) Perylene-d12 | 23.62 | 264 | 419577 | 20.00 | ng/ul | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.92 | 99 | 1748 | 0.31 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 963 | 0.27 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.27 | 132 | 2009 | 0.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 19) Nitrobenzene-d5 | 8.92 | 128 | 240 | 0.14 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4 | 9.63 | 143 | 465 | 0.24 | ng/ul | 0.02 |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 10.71 | 131 | 684 | 0.16 | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6 | 13.80 | 166 | 8797 | 0.77 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 10303 | 0.72 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 57) Fluorene-d10 | 15.39 | 176 | 8713 | 0.85 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.24 | 188 | 14938 | 0.94 | ng/ul | 0.01 |
| 78) Pyrene-d10 | 19.54 | 212 | 15397 | 0.90 | ng/ul | 0.02 |
| 89) Benzo(a)pyrene-d12 | 23.47 | 264 | 15296 | 0.80 | ng/ul | 0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.58 | 128 | 967023 | 79.328 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.20 | 142 | 216341 | 24.511 | ng/ul | 94 |
| 40) 1,1'-Biphenyl | 13.22 | 154 | 36218 | 3.170 | ng/ul | 96 |
| 47) Acenaphthylene | 14.11 | 152 | 79552 | 5.874 | ng/ul | 98 |
| 49) Acenaphthene | 14.45 | 153 | 12105 | 1.300 | ng/ul | 99 |
| 58) Fluorene | 15.44 | 166 | 82388 | 7.295 | ng/ul | 95 |
| 69) Phenanthrene | 17.19 | 178 | 471694 | 26.739 | ng/ul | 100 |
| 71) Anthracene | 17.28 | 178 | 100792 | 5.617 | ng/ul | 98 |
| 76) Fluoranthene | 19.21 | 202 | 187813 | 8.428 | ng/ul | 98 |
| 79) Pyrene | 19.57 | 202 | 267331 | 12.539 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.33 | 228 | 93352m | 4.366 | ng/ul | |
| 84) Chrysene | 21.37 | 228 | 80811 | 3.955 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 22.94 | 252 | 66607 | 2.782 | ng/ul# | 83 |
| 90) Benzo(a)pyrene | 23.52 | 252 | 75280 | 3.340 | ng/ul# | 90 |
| 91) Indeno(1,2,3-cd)pyrene | 25.94 | 276 | 30488 | 1.187 | ng/ul | 94 |
| 93) Benzo(g,h,i)perylene | 26.66 | 276 | 25306 | 1.191 | ng/ul# | 82 |

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

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