Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020404.D
Acq On : 18 May 2019 16:37
Operator : JU/SJ
Sample : K2604-13MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GAJ87MEDL

**Manual Integrations APPROVED**
mohammad
5/20/2019 2:48:06 PM

Quant Time: May 20 08:11:42 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 | 7.73 | 152 | 72858 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.52 | 136 | 267637 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.38 | 164 | 165673 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.13 | 188 | 401372 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.33 | 240 | 445824 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.59 | 264 | 488043 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 1192 | 0.60 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.90 | 99 | 24543m | 4.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 19067m | 5.16 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 18750 | 4.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 14799 | 3.50 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 9003 | 5.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 8391 | 4.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.15 | 165 | 21554m | 5.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 17040m | 4.06 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 88264 | 7.40 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.07 | 160 | 102504 | 6.87 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.61 | 143 | 1679 | 0.97 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.37 | 176 | 80086 | 7.55 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 4790 | 2.10 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.23 | 188 | 119720 | 6.95 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.53 | 212 | 151370 | 7.05 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.44 | 264 | 158037 | 7.13 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.57 | 128 | 472548 | 38.430 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.19 | 142 | 158503 | 17.803 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.21 | 154 | 24525 | 2.068 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.84 | 163 | 12833 | 1.088 | ng/ul# | 94 |
| 47) Acenaphthylene | 14.10 | 152 | 20082 | 1.428 | ng/ul# | 89 |
| 49) Acenaphthene | 14.45 | 153 | 87082 | 9.009 | ng/ul | 95 |
| 58) Fluorene | 15.43 | 166 | 54602 | 4.657 | ng/ul | 98 |
| 69) Phenanthrene | 17.17 | 178 | 322859 | 16.882 | ng/ul | 100 |
| 71) Anthracene | 17.26 | 178 | 82775 | 4.255 | ng/ul | 99 |
| 76) Fluoranthene | 19.19 | 202 | 154630 | 6.401 | ng/ul | 99 |
| 79) Pyrene | 19.56 | 202 | 223215 | 8.342 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.31 | 228 | 84418m | 3.146 | ng/ul | |
| 84) Chrysene | 21.36 | 228 | 83054 | 3.239 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.91 | 252 | 60557 | 2.174 | ng/ul | 98 |
| 90) Benzo(a)pyrene | 23.49 | 252 | 67475 | 2.574 | ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 26.60 | 276 | 30309 | 1.226 | ng/ul | 100 |

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

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