Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005323.D
Acq On : 26 Apr 2019 19:20
Operator : JU/SJ
Sample : K2402-10MEDL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
GAHJ0MEDL

**Manual Integrations APPROVED**
Sohil
4/29/2019 1:43:22 PM

Quant Time: Apr 26 23:38:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:25:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 435824 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1869479 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.23 | 164 | 1128233 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.98 | 188 | 2617233 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.21 | 240 | 2355837 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.41 | 264 | 2141214 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 2430 | 0.27 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 51491 | 1.50 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 34534 | 1.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 40808 | 1.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 37907 | 1.42 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 22755 | 1.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 21864 | 1.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 41367 | 1.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 61583 | 2.23 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.65 | 166 | 158664 | 1.94 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.92 | 160 | 191221 | 1.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.45 | 143 | 12927 | 1.00 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.22 | 176 | 146504 | 2.13 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 8190 | 0.70 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.07 | 188 | 225933 | 2.06 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 244170 | 2.03 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.27 | 264 | 184685 | 1.97 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.40 | 128 | 5694210 | 65.519 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 3212383 | 50.481 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 243835 | 2.901 | ng/ul | 99 |
| 47) Acenaphthylene | 13.95 | 152 | 1164344 | 11.778 | ng/ul | 98 |
| 49) Acenaphthene | 14.29 | 153 | 78943 | 1.170 | ng/ul | 95 |
| 53) Dibenzofuran | 14.63 | 168 | 104530 | 1.076 | ng/ul | 98 |
| 58) Fluorene | 15.28 | 166 | 506150 | 6.676 | ng/ul | 96 |
| 69) Phenanthrene | 17.02 | 178 | 2332803 | 18.302 | ng/ul | 100 |
| 71) Anthracene | 17.12 | 178 | 515107 | 3.967 | ng/ul | 97 |
| 76) Fluoranthene | 19.06 | 202 | 516338 | 3.652 | ng/ul | 98 |
| 79) Pyrene | 19.42 | 202 | 796872 | 5.253 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.19 | 228 | 270712m | 1.847 | ng/ul | |
| 84) Chrysene | 21.24 | 228 | 228951 | 1.683 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.31 | 252 | 129948 | 1.149 | ng/ul | 96 |

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

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