Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005583.D
Acq On : 10 May 2019 01:10
Operator : JU/SJ
Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** GAJ67DL

**Manual Integrations APPROVED**
Sohil
5/10/2019 1:19:47 PM

Quant Time: May 10 04:12:22 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 | 325602 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1415138 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 837679 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.98 | 188 | 1731945m | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.22 | 240 | 1141037 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.42 | 264 | 1222640 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 1110 | 0.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 15498 | 0.61 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 10030 | 0.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 13419 | 0.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.31 | 113 | 10979 | 0.55 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 7192 | 0.83 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 6528 | 0.74 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.01 | 165 | 11313 | 0.56 | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 43) Dimethylphthalate-d6 | 13.64 | 166 | 49234 | 0.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.92 | 160 | 62003 | 0.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.43 | 143 | 979m | 0.10 | ng/ul | -0.01 |
| 57) Fluorene-d10 | 15.22 | 176 | 45870 | 0.90 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.08 | 188 | 64221 | 0.88 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 57340 | 0.98 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.28 | 264 | 45529 | 0.85 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.40 | 128 | 3905398 | 59.364 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 1442820 | 29.952 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 257208 | 4.121 | ng/ul | 99 |
| 47) Acenaphthylene | 13.94 | 152 | 1311356 | 17.866 | ng/ul | 98 |
| 49) Acenaphthene | 14.29 | 153 | 91450 | 1.825 | ng/ul | 96 |
| 53) Dibenzofuran | 14.63 | 168 | 85572 | 1.186 | ng/ul | 99 |
| 58) Fluorene | 15.28 | 166 | 612829 | 10.886 | ng/ul | 97 |
| 69) Phenanthrene | 17.03 | 178 | 2633110m | 31.217 | ng/ul | |
| 71) Anthracene | 17.12 | 178 | 656549 | 7.641 | ng/ul | 99 |
| 76) Fluoranthene | 19.06 | 202 | 1244506m | 13.302 | ng/ul | |
| 79) Pyrene | 19.42 | 202 | 1746496 | 23.772 | ng/ul# | 94 |
| 82) Benzo(a)anthracene | 21.20 | 228 | 527193m | 7.427 | ng/ul | |
| 84) Chrysene | 21.25 | 228 | 444029 | 6.740 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.77 | 252 | 321588 | 4.679 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.80 | 252 | 98907m | 1.507 | ng/ul | |
| 90) Benzo(a)pyrene | 23.33 | 252 | 334342m | 5.175 | ng/ul | |
| 91) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 137315 | 1.923 | ng/ul# | 94 |
| 93) Benzo(g,h,i)perylene | 26.28 | 276 | 134236 | 2.273 | ng/ul | 96 |

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

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