Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005544.D
Acq On : 08 May 2019 22:18
Operator : JU/SJ
Sample : K2603-15DL 25X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
5/9/2019 2:35:29 PM

Quant Time: May 09 04:02:30 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 | 205520 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 902432 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 579169 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.97 | 188 | 1396615m | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.20 | 240 | 1283209 | 20.00 | ng/ul | -0.01 |
| 85) Perylene-d12 | 23.40 | 264 | 1146511 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.21 | 96 | 979m | 0.23 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 13192m | 0.82 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 9564m | 0.95 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 12286 | 0.99 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 10257 | 0.81 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 6512 | 1.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.46 | 143 | 5877m | 1.04 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.01 | 165 | 10812 | 0.84 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 43) Dimethylphthalate-d6 | 13.64 | 166 | 46372 | 1.10 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.91 | 160 | 59674 | 1.16 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.43 | 143 | 396m | 0.06 | ng/ul | -0.01 |
| 57) Fluorene-d10 | 15.22 | 176 | 46841 | 1.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 886m | 0.14 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.07 | 188 | 70567 | 1.21 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 77278 | 1.18 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.26 | 264 | 53877 | 1.08 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.40 | 128 | 3573413 | 85.177 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 1338602 | 43.577 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 241260 | 5.591 | ng/ul# | 97 |
| 47) Acenaphthylene | 13.94 | 152 | 1298272 | 25.583 | ng/ul | 98 |
| 49) Acenaphthene | 14.29 | 153 | 87519 | 2.526 | ng/ul | 98 |
| 53) Dibenzofuran | 14.63 | 168 | 90317 | 1.811 | ng/ul | 95 |
| 58) Fluorene | 15.27 | 166 | 638784 | 16.412 | ng/ul | 96 |
| 69) Phenanthrene | 17.02 | 178 | 2990961m | 43.973 | ng/ul | |
| 71) Anthracene | 17.11 | 178 | 730638 | 10.545 | ng/ul | 99 |
| 76) Fluoranthene | 19.05 | 202 | 1653411 | 21.916 | ng/ul | 96 |
| 79) Pyrene | 19.42 | 202 | 2422150 | 29.316 | ng/ul# | 94 |
| 82) Benzo(a)anthracene | 21.19 | 228 | 804778m | 10.081 | ng/ul | |
| 84) Chrysene | 21.24 | 228 | 721524 | 9.739 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.76 | 252 | 452329 | 7.018 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.79 | 252 | 131614m | 2.138 | ng/ul | |
| 90) Benzo(a)pyrene | 23.31 | 252 | 442489 | 7.304 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 160613m | 2.398 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 26.26 | 276 | 147022 | 2.655 | ng/ul | 95 |

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

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