Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005613.D
Acq On : 11 May 2019 06:03
Operator : JU/SJ
Sample : K2613-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** BFHD3

**Manual Integrations APPROVED**
mohammad
5/13/2019 8:27:03 AM

Quant Time: May 11 22:26:43 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 | 7.58 | 152 | 199077 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 827467 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 501474 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.97 | 188 | 1089911 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.20 | 240 | 779929 | 20.00 | ng/ul | -0.01 |
| 85) Perylene-d12 | 23.41 | 264 | 764038 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 10875 | 2.64 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.77 | 99 | 265207 | 16.96 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 148003 | 15.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.12 | 132 | 222106 | 18.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 215470 | 17.63 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 116577 | 22.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.44 | 143 | 131419 | 25.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 241542 | 20.41 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 176631 | 14.47 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.63 | 166 | 749594 | 20.59 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.90 | 160 | 938248 | 20.99 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.46 | 143 | 94484 | 16.44 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.22 | 176 | 652172 | 21.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 55598 | 11.34 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.07 | 188 | 968547 | 21.20 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 985664 | 24.70 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.27 | 264 | 718629 | 21.52 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.80 | 94 | 28145 | 1.750 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.68 | 163 | 236215 | 6.512 | ng/ul | 99 |
| 69) Phenanthrene | 17.02 | 178 | 167969 | 3.164 | ng/ul | 97 |
| 76) Fluoranthene | 19.05 | 202 | 666896 | 11.327 | ng/ul# | 94 |
| 79) Pyrene | 19.42 | 202 | 554284 | 11.038 | ng/ul# | 94 |
| 82) Benzo(a)anthracene | 21.19 | 228 | 274454 | 5.657 | ng/ul | 98 |
| 84) Chrysene | 21.25 | 228 | 276772 | 6.146 | ng/ul | 95 |
| 87) Benzo(b)fluoranthene | 22.76 | 252 | 267629 | 6.231 | ng/ul# | 91 |
| 88) Benzo(k)fluoranthene | 22.79 | 252 | 87231m | 2.127 | ng/ul | |
| 90) Benzo(a)pyrene | 23.32 | 252 | 151827 | 3.761 | ng/ul# | 92 |
| 91) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 87127 | 1.952 | ng/ul# | 92 |
| 93) Benzo(g,h,i)perylene | 26.27 | 276 | 76727 | 2.079 | ng/ul# | 88 |

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

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