Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002662.D
Acq On : 12 Sep 2018 19:28
Operator : JU/SJ
Sample : J4792-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A3YX8

**Manual Integrations APPROVED**
Sohil
9/13/2018 5:41:17 PM

Quant Time: Sep 13 06:54:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 175045 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 726159 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.29 | 164 | 374548 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.04 | 188 | 709540 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.24 | 240 | 609103 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.46 | 264 | 636835 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 11368 | 3.07 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 249094 | 15.52 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 176081 | 17.47 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 214373 | 17.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 188882 | 14.72 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.81 | 128 | 110679 | 19.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 105930 | 17.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 183953 | 16.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 223398 | 18.50 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.70 | 166 | 611288 | 19.69 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.98 | 160 | 780374 | 20.49 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 9055m | 1.54 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 15.29 | 176 | 520783 | 19.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 3114m | 0.69 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.14 | 188 | 694869 | 20.50 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.44 | 212 | 687183 | 23.58 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.32 | 264 | 696574 | 20.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.75 | 163 | 357488 | 11.740 | ng/ul | 99 |
| 69) Phenanthrene | 17.08 | 178 | 79039 | 2.021 | ng/ul | 99 |
| 76) Fluoranthene | 19.10 | 202 | 142565 | 3.202 | ng/ul | 99 |
| 79) Pyrene | 19.47 | 202 | 144025 | 3.921 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.23 | 228 | 69970 | 1.875 | ng/ul# | 87 |
| 83) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 35588 | 1.525 | ng/ul# | 92 |
| 84) Chrysene | 21.28 | 228 | 88749 | 2.513 | ng/ul# | 91 |
| 87) Benzo(b)fluoranthene | 22.80 | 252 | 129872 | 3.402 | ng/ul# | 78 |
| 88) Benzo(k)fluoranthene | 22.84 | 252 | 36439m | 1.013 | ng/ul | |
| 90) Benzo(a)pyrene | 23.36 | 252 | 73355 | 2.017 | ng/ul# | 74 |
| 91) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 69833 | 1.614 | ng/ul | 95 |
| 93) Benzo(g,h,i)perylene | 26.36 | 276 | 70490 | 1.953 | ng/ul# | 93 |

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

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