Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010094.D
Acq On : 05 Mar 2020 00:39
Operator : CG/JU
Sample : L1641-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** CB6Y6

**Manual Integrations APPROVED**
mohammad
3/5/2020 3:56:30 PM

Quant Time: Mar 05 08:03:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.36 | 152 | 85334 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.10 | 136 | 363361 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.00 | 164 | 240229 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.76 | 188 | 493435 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 20.99 | 240 | 420879 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.08 | 264 | 463908 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.00 | 96 | 13367m | 6.44 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.56 | 99 | 292277 | 40.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.72 | 67 | 199603 | 39.85 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.90 | 132 | 226870 | 41.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.08 | 113 | 184397 | 31.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.50 | 128 | 114244 | 42.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.21 | 143 | 131650 | 45.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.75 | 165 | 219101 | 39.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.27 | 131 | 79438 | 12.65 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.43 | 166 | 719607 | 40.10 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.69 | 160 | 879108 | 41.60 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.26 | 143 | 106151 | 32.39 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.01 | 176 | 636336 | 41.07 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 104469 | 34.08 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.86 | 188 | 864640 | 38.23 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.17 | 212 | 1013053 | 46.05 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.95 | 264 | 961993 | 41.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.15 | 128 | 26590 | 1.357 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.47 | 163 | 40131 | 2.143 | ng/ul | 99 |
| 48) Acenaphthylene | 13.72 | 152 | 27520 | 1.203 | ng/ul | 99 |
| 50) Acenaphthene | 14.06 | 153 | 33506 | 2.137 | ng/ul# | 94 |
| 54) Dibenzofuran | 14.41 | 168 | 34781 | 1.580 | ng/ul | 97 |
| 59) Fluorene | 15.06 | 166 | 43487 | 2.354 | ng/ul | 94 |
| 70) Phenanthrene | 16.80 | 178 | 560219 | 19.894 | ng/ul | 98 |
| 72) Anthracene | 16.90 | 178 | 123406 | 4.287 | ng/ul | 98 |
| 75) Carbazole | 17.18 | 167 | 51916 | 2.048 | ng/ul# | 95 |
| 77) Fluoranthene | 18.84 | 202 | 755681 | 22.909 | ng/ul | 95 |
| 80) Pyrene | 19.20 | 202 | 676376 | 22.291 | ng/ul | 96 |
| 83) Benzo(a)anthracene | 20.97 | 228 | 368952 | 12.756 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 22308 | 1.171 | ng/ul# | 95 |
| 85) Chrysene | 21.02 | 228 | 338399 | 11.884 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.47 | 252 | 418122 | 13.901 | ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 22.51 | 252 | 168288m | 5.909 | ng/ul | |
| 91) Benzo(a)pyrene | 22.99 | 252 | 305405 | 11.289 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.12 | 276 | 210731 | 6.561 | ng/ul | 94 |
| 93) Dibenzo(a,h)anthracene | 25.10 | 278 | 59191 | 2.154 | ng/ul# | 89 |
| 94) Benzo(g,h,i)perylene | 25.73 | 276 | 157213 | 5.838 | ng/ul | 98 |

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

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