Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042220\
Data File : BN010583.D
Acq On : 22 Apr 2020 14:39
Operator : CG/JU
Sample : L2313-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B84

Manual Integrations APPROVED
mohammad
4/24/2020 4:20:04 AM

Quant Time: Apr 22 15:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 22 11:55:58 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 347454 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1533289 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.22 | 164 | 1029047 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.97 | 188 | 2316617 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.17 | 240 | 2360699 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.34 | 264 | 2215983 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 21656 | 3.26 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 518767 | 18.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 286878 | 20.67 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 448755 | 19.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 456473 | 19.73 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 229600 | 19.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 253071 | 19.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 482595 | 18.70 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 528893 | 17.87 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.63 | 166 | 1622066 | 21.25 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.90 | 160 | 1886588 | 20.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.43 | 143 | 194774 | 13.10 | ng/ul | -0.01 |
| 58) Fluorene-d10 | 15.22 | 176 | 1452990 | 21.21 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 147586 | 12.20 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.06 | 188 | 2244424 | 20.92 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.37 | 212 | 2630445 | 19.74 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.20 | 264 | 2243796 | 19.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.68 | 163 | 1033831 | 13.042 | ng/ul | 99 |
| 70) Phenanthrene | 17.01 | 178 | 213520 | 1.660 | ng/ul | 96 |
| 77) Fluoranthene | 19.03 | 202 | 646436 | 4.625 | ng/ul | 97 |
| 80) Pyrene | 19.40 | 202 | 577662 | 3.387 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.16 | 228 | 365150 | 2.230 | ng/ul | 94 |
| 85) Chrysene | 21.20 | 228 | 370975 | 2.409 | ng/ul | 95 |
| 88) Benzo(b)fluoranthene | 22.70 | 252 | 455645 | 3.151 | ng/ul# | 95 |
| 89) Benzo(k)fluoranthene | 22.74 | 252 | 193845m | 1.351 | ng/ul | |
| 91) Benzo(a)pyrene | 23.24 | 252 | 302082 | 2.351 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 192739 | 1.333 | ng/ul | 94 |
| 94) Benzo(g,h,i)perylene | 26.12 | 276 | 165346 | 1.382 | ng/ul# | 93 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042220\
Data File : BN010583.D
Acq On : 22 Apr 2020 14:39
Operator : CG/JU
Sample : L2313-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 22 15:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 22 11:55:58 2020
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C5B84

**Manual Integrations APPROVED**
mohammad
4/24/2020 4:20:04 AM