Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009821.D
Acq On : 21 Feb 2020 23:18
Operator : CG/JU
Sample : L1535-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 01:35:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** CB6Q5

**Manual Integrations APPROVED**
mohammad
2/24/2020 4:48:25 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 98146 | 20.00 | ng/ul | -0.02 |
| 18) Naphthalene-d8 | 10.14 | 136 | 424807 | 20.00 | ng/ul | -0.02 |
| 36) Acenaphthene-d10 | 14.03 | 164 | 279429 | 20.00 | ng/ul | -0.02 |
| 62) Phenanthrene-d10 | 16.79 | 188 | 590693 | 20.00 | ng/ul | -0.02 |
| 78) Chrysene-d12 | 21.00 | 240 | 548812 | 20.00 | ng/ul | -0.02 |
| 86) Perylene-d12 | 23.10 | 264 | 618770 | 20.00 | ng/ul | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 3804 | 1.59 | ng/uL | -0.02 |
| 5) Phenol-d5 | 6.60 | 99 | 58831 | 7.05 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.75 | 67 | 48149 | 8.36 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4 | 6.93 | 132 | 49545 | 7.88 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8 | 8.11 | 113 | 45806 | 6.90 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5 | 8.54 | 128 | 23463 | 7.55 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4 | 9.25 | 143 | 24490 | 7.20 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 9.79 | 165 | 48729 | 7.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.30 | 131 | 63503 | 8.65 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 13.46 | 166 | 183021 | 8.77 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8 | 13.72 | 160 | 201566 | 8.20 | ng/ul | -0.02 |
| 52) 4-Nitrophenol-d4 | 14.30 | 143 | 15731m | 4.13 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.04 | 176 | 161822 | 8.98 | ng/ul | -0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 16196 | 4.41 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.89 | 188 | 240356 | 8.88 | ng/ul | -0.02 |
| 79) Pyrene-d10 | 19.19 | 212 | 286714 | 10.00 | ng/ul | -0.02 |
| 90) Benzo(a)pyrene-d12 | 22.97 | 264 | 296041 | 9.58 | ng/ul | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 16.83 | 178 | 141295 | 4.191 | ng/ul | 96 |
| 77) Fluoranthene | 18.86 | 202 | 219689 | 5.563 | ng/ul | 98 |
| 80) Pyrene | 19.23 | 202 | 210130 | 5.311 | ng/ul | 96 |
| 83) Benzo(a)anthracene | 20.99 | 228 | 115044 | 3.050 | ng/ul | 97 |
| 85) Chrysene | 21.04 | 228 | 108716 | 2.928 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.49 | 252 | 143310 | 3.572 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.53 | 252 | 43825m | 1.154 | ng/ul | |
| 91) Benzo(a)pyrene | 23.02 | 252 | 93420 | 2.589 | ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.14 | 276 | 60980 | 1.423 | ng/ul | 94 |
| 94) Benzo(g,h,i)perylene | 25.76 | 276 | 57064 | 1.589 | ng/ul | 94 |

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

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