Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024851.D
Acq On : 12 Feb 2020 01:17
Operator : CG/JU
Sample : L1405-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 12 05:58:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:40:07 2020
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** CB6W7

**Manual Integrations APPROVED**
mohammad
2/12/2020 3:52:48 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 313185 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.16 | 136 | 1177140 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.05 | 164 | 731009 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.80 | 188 | 1503367 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.01 | 240 | 1638289 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.11 | 264 | 1751443 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.01 | 96 | 22262 | 3.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.60 | 99 | 400432 | 19.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.75 | 67 | 231739 | 19.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.94 | 132 | 362386 | 19.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.11 | 113 | 295478 | 16.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.54 | 128 | 166752 | 19.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.25 | 143 | 195770 | 19.46 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.79 | 165 | 355972 | 17.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.30 | 131 | 408482 | 21.52 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.47 | 166 | 1063342 | 19.27 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.74 | 160 | 1256870 | 19.50 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.27 | 143 | 116785 | 13.02 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.06 | 176 | 903624 | 18.49 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 130661 | 13.33 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.90 | 188 | 1319728 | 19.23 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.21 | 212 | 1573060 | 19.20 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.99 | 264 | 1790878 | 20.36 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 16.85 | 178 | 311841 | 3.804 | ng/ul | 98 |
| 77) Fluoranthene | 18.87 | 202 | 563672 | 5.602 | ng/ul | 97 |
| 80) Pyrene | 19.24 | 202 | 526402 | 4.854 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.00 | 228 | 315351 | 2.858 | ng/ul | 99 |
| 85) Chrysene | 21.05 | 228 | 322678 | 2.970 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.50 | 252 | 426713 | 3.831 | ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.54 | 252 | 158147m | 1.475 | ng/ul | |
| 91) Benzo(a)pyrene | 23.03 | 252 | 258353 | 2.587 | ng/ul# | 95 |
| 92) Indeno(1,2,3-cd)pyrene | 25.16 | 276 | 211066 | 1.698 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 25.78 | 276 | 184676 | 1.786 | ng/ul | 98 |

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

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