Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047432.D
Acq On : 24 Nov 2020 4:28
Operator : CG/JU
Sample : L4711-05DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF2DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:37 PM

Quant Time: Nov 24 05:19:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 38501 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.11 | 136 | 150178 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.88 | 164 | 108547 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.62 | 188 | 237874 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.90 | 240 | 205465 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.31 | 264 | 223126 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 1939 | 1.83 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.40 | 99 | 44256 | 11.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.59 | 67 | 24104 | 10.95 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.80 | 132 | 32620 | 12.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 35450 | 11.95 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.44 | 128 | 16380 | 13.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.17 | 143 | 17960 | 13.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.71 | 165 | 42988 | 13.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.22 | 131 | 32735 | 10.45 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.28 | 166 | 126935 | 13.62 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.58 | 160 | 160644 | 14.92 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.04 | 143 | 14395 | 10.13 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.87 | 176 | 109142 | 12.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 8331 | 6.15 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.72 | 188 | 168667 | 14.29 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.98 | 212 | 179665 | 15.03 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.08 | 264 | 182701 | 14.23 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.32 | 163 | 47177 | 4.963 | ng/ul | 97 |
| 70) Phenanthrene | 17.66 | 178 | 283243 | 22.050 | ng/ul | 95 |
| 72) Anthracene | 17.75 | 178 | 65466 | 5.061 | ng/ul | 96 |
| 75) Carbazole | 18.02 | 167 | 21695 | 2.079 | ng/ul# | 90 |
| 77) Fluoranthene | 19.65 | 202 | 876193 | 54.009 | ng/ul | 98 |
| 80) Pyrene | 20.01 | 202 | 706604 | 48.550 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.88 | 228 | 425874 | 29.131 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.77 | 149 | 11467 | 1.609 | ng/ul | 94 |
| 85) Chrysene | 21.95 | 228 | 435755 | 31.322 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 24.23 | 252 | 578239 | 36.705 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 24.29 | 252 | 235772m | 15.187 | ng/ul | |
| 91) Benzo(a)pyrene | 25.15 | 252 | 389944 | 27.766 | ng/ul# | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 29.23 | 276 | 252585 | 14.786 | ng/ul# | 94 |
| 93) Dibenzo(a,h)anthracene | 29.27 | 278 | 66695m | 4.762 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 30.47 | 276 | 234871m | 16.663 | ng/ul | |

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

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