Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023833.D
Acq On : 21 Nov 2019 17:31
Operator : JU
Sample : K5851-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AA8

**Manual Integrations APPROVED**
mohammad
11/22/2019 1:22:42 PM

Quant Time: Nov 22 05:57:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 328624 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.29 | 136 | 1352211 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.17 | 164 | 830256 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.92 | 188 | 1783854 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.13 | 240 | 1745304 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.29 | 264 | 2116623 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.06 | 96 | 14821 | 1.86 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.70 | 99 | 406889 | 13.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.86 | 67 | 233865 | 13.59 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.05 | 132 | 324892 | 14.97 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.23 | 113 | 315748 | 13.21 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.66 | 128 | 153509 | 15.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.38 | 143 | 167376 | 16.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.92 | 165 | 322036 | 13.88 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.43 | 131 | 318755 | 12.51 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.59 | 166 | 967511 | 14.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.86 | 160 | 1161937 | 15.73 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.41 | 143 | 92669 | 8.38 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.17 | 176 | 887697 | 15.53 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200 | 65627 | 6.36 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.02 | 188 | 1431087 | 16.91 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.33 | 212 | 1558628 | 17.13 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.15 | 264 | 1885831 | 16.93 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.33 | 128 | 118856 | 1.672 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.64 | 163 | 456915 | 7.201 | ng/ul | 100 |
| 48) Acenaphthylene | 13.89 | 152 | 548206 | 7.370 | ng/ul | 100 |
| 50) Acenaphthene | 14.23 | 153 | 115231 | 2.183 | ng/ul | 100 |
| 54) Dibenzofuran | 14.57 | 168 | 334257 | 4.277 | ng/ul | 98 |
| 59) Fluorene | 15.23 | 166 | 746663 | 11.778 | ng/ul | 100 |
| 70) Phenanthrene | 16.97 | 178 | 7843887 | 79.830 | ng/ul | 99 |
| 72) Anthracene | 17.06 | 178 | 1878351 | 19.012 | ng/ul | 100 |
| 75) Carbazole | 17.33 | 167 | 445512 | 5.409 | ng/ul | 99 |
| 77) Fluoranthene | 19.00 | 202 | 11468943m | 108.947 | ng/ul | |
| 80) Pyrene | 19.36 | 202 | 8863842 | 78.571 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.12 | 228 | 4450741 | 38.661 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 71746 | 1.330 | ng/ul# | 97 |
| 85) Chrysene | 21.17 | 228 | 4120410 | 38.018 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.65 | 252 | 5491350 | 40.698 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.69 | 252 | 1891865m | 14.554 | ng/ul | |
| 91) Benzo(a)pyrene | 23.19 | 252 | 3943769 | 31.928 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.43 | 276 | 2712403 | 20.536 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.43 | 278 | 713861 | 6.404 | ng/ul# | 83 |
| 94) Benzo(g,h,i)perylene | 26.07 | 276 | 2567230 | 23.986 | ng/ul | 97 |

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

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Data File : BM023833.D
Acq On : 21 Nov 2019 17:31
Operator : JU
Sample : K5851-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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