Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027067.D
Acq On : 13 Aug 2020 18:51
Operator : JU/CG
Sample : L3630-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFMK9

Quant Time: Aug 14 05:22:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 126000 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.41 | 136 | 468921 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.27 | 164 | 296130 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 615583 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.21 | 240 | 630932 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 643825 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 9230 | 3.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 177780 | 18.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 127044 | 18.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 141944 | 18.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.35 | 113 | 137861 | 18.05 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 69071 | 18.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 71029 | 18.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.04 | 165 | 147829 | 18.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 162668 | 17.29 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 466703 | 19.76 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.96 | 160 | 539102 | 19.16 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.47 | 143 | 57352 | 14.39 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.27 | 176 | 385383 | 18.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 47109 | 14.01 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.12 | 188 | 564859 | 18.63 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 622130 | 19.77 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.27 | 264 | 662584 | 18.44 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.73 | 163 | 124133 | 5.016 | ng/ul | 99 |
| 70) Phenanthrene | 17.06 | 178 | 68613 | 1.859 | ng/ul | 99 |
| 77) Fluoranthene | 19.08 | 202 | 151722 | 3.390 | ng/ul | 99 |
| 80) Pyrene | 19.44 | 202 | 152889 | 3.570 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.20 | 228 | 71446 | 1.682 | ng/ul | 92 |
| 85) Chrysene | 21.24 | 228 | 83966 | 2.014 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 115257 | 2.578 | ng/ul# | 96 |
| 91) Benzo(a)pyrene | 23.31 | 252 | 73009 | 1.794 | ng/ul# | 95 |
| 92) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 53594 | 1.022 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 26.27 | 276 | 49210 | 1.136 | ng/ul | 96 |

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

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