Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF575

Manual Integrations APPROVED
mohammad
9/10/2019 2:08:58 PM

Quant Time: Sep 11 16:04:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.86 | 152 | 308860 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.67 | 136 | 1323536 | 20.00 | ng/ul | 0.02 |
| 36) Acenaphthene-d10 | 14.49 | 164 | 868221 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.22 | 188 | 1754474 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.40 | 240 | 1831755 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.69 | 264 | 1998138 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 35960 | 4.85 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.01 | 99 | 231431 | 8.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.19 | 67 | 526822 | 32.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.39 | 132 | 611442 | 27.17 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.55 | 113 | 407153 | 17.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.01 | 128 | 373907 | 39.16 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.73 | 143 | 359898 | 40.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.27 | 165 | 713485 | 31.91 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.81 | 131 | 333575m | 11.29 | ng/ul | 0.04 |
| 44) Dimethylphthalate-d6 | 13.90 | 166 | 2355827 | 33.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.18 | 160 | 2704415 | 32.10 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.67 | 143 | 119562 | 9.95 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.47 | 176 | 2008880 | 34.10 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 328012 | 41.13 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.32 | 188 | 3121889 | 34.74 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.61 | 212 | 3616502 | 35.58 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.54 | 264 | 3847860 | 35.83 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.04 | 94 | 42284 | 1.420 | ng/ul | 96 |
| 14) Acetophenone | 8.67 | 105 | 117092 | 3.240 | ng/ul# | 57 |
| 16) 4-Methylphenol | 8.61 | 108 | 123182 | 4.910 | ng/ul | 92 |
| 28) Naphthalene | 10.70 | 128 | 45941095m | 626.068 | ng/ul | |
| 34) 2-Methylnaphthalene | 12.33 | 142 | 20745141 | 375.244 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.32 | 154 | 4372764 | 60.482 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.94 | 163 | 107199 | 1.501 | ng/ul | 99 |
| 48) Acenaphthylene | 14.21 | 152 | 518192 | 5.930 | ng/ul# | 96 |
| 50) Acenaphthene | 14.56 | 153 | 7279855 | 120.234 | ng/ul | 98 |
| 54) Dibenzofuran | 14.89 | 168 | 8169634 | 97.223 | ng/ul | 97 |
| 59) Fluorene | 15.53 | 166 | 4835848 | 69.951 | ng/ul | 100 |
| 61) 4-Nitroaniline | 15.53 | 138 | 61093 | 4.252 | ng/ul# | 25 |
| 70) Phenanthrene | 17.27 | 178 | 7088098 | 65.981 | ng/ul | 98 |
| 72) Anthracene | 17.36 | 178 | 522162 | 4.732 | ng/ul | 99 |
| 75) Carbazole | 17.62 | 167 | 2349319 | 23.687 | ng/ul | 99 |
| 77) Fluoranthene | 19.27 | 202 | 2352301 | 19.295 | ng/ul | 98 |
| 80) Pyrene | 19.64 | 202 | 1446966 | 10.915 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.38 | 228 | 280641 | 2.065 | ng/ul | 97 |
| 85) Chrysene | 21.43 | 228 | 180187m | 1.441 | ng/ul | |
| 88) Benzo(b)fluoranthene | 22.99 | 252 | 195287 | 1.486 | ng/ul# | 97 |

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

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