Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
Data File : BM024940.D
Acq On : 18 Feb 2020 21:00
Operator : CG/JU
Sample : L1486-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCW6

Manual Integrations APPROVED
mohammad
2/19/2020 8:10:07 AM

Quant Time: Feb 19 05:34:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 300128 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.17 | 136 | 1108619 | 20.00 | ng/ul | 0.02 |
| 36) Acenaphthene-d10 | 14.04 | 164 | 749843 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.80 | 188 | 1594301 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.00 | 240 | 1629872 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.10 | 264 | 1725931 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 42351 | 6.79 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.59 | 99 | 152744 | 7.66 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.75 | 67 | 425509 | 37.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.93 | 132 | 487711 | 27.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.10 | 113 | 276812 | 16.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.53 | 128 | 289593 | 36.12 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.25 | 143 | 328236 | 34.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.79 | 165 | 580567 | 30.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.31 | 131 | 66083 | 3.70 | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6 | 13.47 | 166 | 1823607 | 32.22 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.72 | 160 | 2235053 | 33.81 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.27 | 143 | 57503 | 6.25 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.05 | 176 | 1678660 | 33.49 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.18 | 200 | 262049 | 25.22 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.89 | 188 | 2543201 | 34.94 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.20 | 212 | 2849200 | 34.95 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.97 | 264 | 3137231 | 36.19 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) 2-Methylphenol | 7.84 | 108 | 73409 | 4.507 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.16 | 108 | 68180 | 3.877 | ng/ul | 95 |
| 24) 2,4-Dimethylphenol | 9.36 | 107 | 423239m | 22.221 | ng/ul | |
| 28) Naphthalene | 10.19 | 128 | 52864635m | 933.283 | ng/ul | |
| 34) 2-Methylnaphthalene | 11.83 | 142 | 20504562m | 491.422 | ng/ul | |
| 41) 1,1'-Biphenyl | 12.86 | 154 | 7230069 | 130.613 | ng/ul# | 97 |
| 48) Acenaphthylene | 13.75 | 152 | 320222 | 4.677 | ng/ul# | 87 |
| 50) Acenaphthene | 14.12 | 153 | 22162434m | 479.299 | ng/ul | |
| 54) Dibenzofuran | 14.45 | 168 | 18988653m | 275.492 | ng/ul | |
| 59) Fluorene | 15.11 | 166 | 12393507 | 218.172 | ng/ul | 98 |
| 70) Phenanthrene | 16.84 | 178 | 18090047m | 208.102 | ng/ul | |
| 72) Anthracene | 16.93 | 178 | 729969 | 8.280 | ng/ul | 98 |
| 75) Carbazole | 17.21 | 167 | 7352765 | 100.110 | ng/ul | 99 |
| 77) Fluoranthene | 18.86 | 202 | 3753172 | 35.170 | ng/ul# | 95 |
| 80) Pyrene | 19.23 | 202 | 2315807 | 21.465 | ng/ul# | 94 |
| 83) Benzo(a)anthracene | 20.99 | 228 | 157036 | 1.430 | ng/ul | 98 |
| 85) Chrysene | 21.04 | 228 | 144212 | 1.334 | ng/ul | 98 |

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

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