Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026117.D
Acq On : 26 May 2020 16:54
Operator : MA/SJ
Sample : L2737-13DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9B10DL

**Manual Integrations APPROVED**
mohammad
5/27/2020 11:47:04 AM

Quant Time: May 26 17:34:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 147363 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.26 | 136 | 610613 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.13 | 164 | 367331 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.88 | 188 | 789921 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.08 | 240 | 821092 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.20 | 264 | 831842 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 6.69 | 99 | 9451 | 0.71 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.84 | 67 | 27351 | 2.96 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.03 | 132 | 24659 | 2.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.20 | 113 | 17634 | 1.75 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.63 | 128 | 14945 | 3.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.35 | 143 | 14815 | 3.01 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.89 | 165 | 30779 | 3.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 13.56 | 166 | 105810 | 3.59 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.82 | 160 | 115964 | 3.32 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.13 | 176 | 92999 | 3.63 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 9851 | 2.14 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.98 | 188 | 144749 | 3.72 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.28 | 212 | 158289 | 3.75 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.06 | 264 | 147281 | 3.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.71 | 94 | 80714 | 5.39 | ng/ul | 96 |
| 11) 2-Methylphenol | 7.94 | 108 | 262999 | 25.47 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.26 | 108 | 267170 | 23.79 | ng/ul | 89 |
| 24) 2,4-Dimethylphenol | 9.46 | 107 | 534899m | 39.12 | ng/ul | |
| 28) Naphthalene | 10.32 | 128 | 16627159 | 445.36 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 11.92 | 142 | 335225 | 13.35 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 12.96 | 154 | 65768 | 2.02 | ng/ul | 98 |
| 50) Acenaphthene | 14.20 | 153 | 820863 | 30.38 | ng/ul | 99 |
| 54) Dibenzofuran | 14.53 | 168 | 485954 | 12.80 | ng/ul | 99 |
| 59) Fluorene | 15.19 | 166 | 420497 | 13.69 | ng/ul | 99 |
| 70) Phenanthrene | 16.92 | 178 | 963098 | 19.36 | ng/ul | 100 |
| 72) Anthracene | 17.02 | 178 | 89100 | 1.78 | ng/ul | 99 |
| 75) Carbazole | 17.29 | 167 | 1194659 | 28.93 | ng/ul | 99 |
| 77) Fluoranthene | 18.94 | 202 | 233882 | 4.48 | ng/ul | 98 |
| 80) Pyrene | 19.31 | 202 | 144299 | 2.50 | ng/ul | 97 |

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

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