Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022876.D
Acq On : 02 Oct 2019 04:58
Operator : JU
Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BFDH0

**Manual Integrations APPROVED**
mohammad
10/2/2019 3:58:19 PM

Quant Time: Oct 02 14:12:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 320778 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 1404753 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.44 | 164 | 845177 | 20.00 | ng/ul | -0.01 |
| 62) Phenanthrene-d10 | 17.17 | 188 | 1535563 | 20.00 | ng/ul | -0.01 |
| 78) Chrysene-d12 | 21.36 | 240 | 1060591 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.62 | 264 | 1132269 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 37894 | 5.11 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.97 | 99 | 208258 | 7.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 392779 | 25.32 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.33 | 132 | 500522 | 21.93 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 372414 | 16.05 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.96 | 128 | 302297 | 27.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.67 | 143 | 331652 | 28.02 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 614740 | 26.08 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.73 | 131 | 699434 | 24.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.85 | 166 | 1936532 | 29.52 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.13 | 160 | 2172181 | 28.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.64 | 143 | 100970 | 7.79 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.43 | 176 | 1597309 | 28.57 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 289594 | 28.98 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.27 | 188 | 2359068 | 31.46 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.57 | 212 | 2195355 | 38.46 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12 | 23.47 | 264 | 1863140 | 31.81 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.00 | 94 | 593771 | 19.984 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.25 | 108 | 224674 | 9.811 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.57 | 108 | 729464 | 28.809 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.77 | 107 | 1102621m | 41.826 | ng/ul | |
| 28) Naphthalene | 10.65 | 128 | 4199957 | 55.361 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.26 | 142 | 1247707 | 21.936 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.89 | 163 | 272173 | 4.039 | ng/ul# | 96 |
| 69) Pentachlorophenol | 16.83 | 266 | 49603 | 3.702 | ng/ul | 100 |
| 70) Phenanthrene | 17.22 | 178 | 101437 | 1.107 | ng/ul# | 90 |
| 75) Carbazole | 17.57 | 167 | 117280 | 1.413 | ng/ul# | 96 |

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

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