Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DA9Q5

**Manual Integrations APPROVED**
mohammad
1/24/2017 5:17:47 PM

Quant Time: Jan 24 10:34:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 70525 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.75 | 136 | 359159 | 20.00 | ng/ul | 0.01 |
| 35) Acenaphthene-d10 | 14.57 | 164 | 289649 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.33 | 188 | 625180 | 20.00 | ng/ul | 0.01 |
| 75) Chrysene-d12 | 21.49 | 240 | 678919 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.85 | 264 | 593514 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.39 | 96 | 2727 | 1.91 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.10 | 99 | 42811 | 7.17 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.27 | 67 | 182866 | 38.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.47 | 132 | 110445 | 28.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.64 | 113 | 81668 | 17.46 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.10 | 128 | 83378 | 36.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.83 | 143 | 98542 | 35.46 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.37 | 165 | 183602 | 31.56 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.89 | 131 | 3204 | 0.51 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 729125 | 38.42 | ng/ul | 0.11 |
| 46) Acenaphthylene-d8 | 14.27 | 160 | 898818 | 40.03 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.82 | 143 | 22815m | 7.19 | ng/ul | 0.06 |
| 57) Fluorene-d10 | 15.57 | 176 | 646524 | 35.86 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.43 | 188 | 1097101 | 40.13 | ng/ul | 0.02 |
| 76) Pyrene-d10 | 19.71 | 212 | 1205997 | 40.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.70 | 264 | 1017633 | 40.49 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.13 | 94 | 26086 | 4.01 | ng/ul# | 39 |
| 14) Acetophenone | 8.77 | 105 | 41777 | 4.87 | ng/ul# | 51 |
| 16) 4-Methylphenol | 8.71 | 108 | 27518 | 5.47 | ng/ul# | 74 |
| 28) Naphthalene | 10.81 | 128 | 24447714m | 1474.39 | ng/ul | |
| 34) 2-Methylnaphthalene | 12.41 | 142 | 4146343 | 307.99 | ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 13.08 | 196 | 3176735 | 550.74 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.41 | 154 | 663229 | 37.05 | ng/ul# | 97 |
| 47) Acenaphthylene | 14.30 | 152 | 98389 | 4.55 | ng/ul# | 83 |
| 49) Acenaphthene | 14.64 | 153 | 809452 | 53.19 | ng/ul | 97 |
| 53) Dibenzofuran | 14.97 | 168 | 1867872m | 79.81 | ng/ul | |
| 55) 2,3,4,6-Tetrachlorophenol | 15.20 | 232 | 452591 | 78.13 | ng/ul# | 92 |
| 58) Fluorene | 15.62 | 166 | 592841 | 30.32 | ng/ul | 96 |
| 68) Pentachlorophenol | 17.01 | 266 | 13395301 | 2771.74 | ng/ul | 97 |
| 69) Phenanthrene | 17.38 | 178 | 2542959 | 82.58 | ng/ul | 98 |
| 71) Anthracene | 17.46 | 178 | 298053m | 9.46 | ng/ul | |
| 72) Carbazole | 17.74 | 167 | 4048577 | 146.57 | ng/ul | 98 |
| 74) Fluoranthene | 19.37 | 202 | 125337 | 3.13 | ng/ul | 97 |
| 77) Pyrene | 19.73 | 202 | 56397 | 1.55 | ng/ul# | 96 |

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

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