Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023322.D
Acq On : 22 Oct 2019 17:09
Operator : JU
Sample : K5345-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ETOJ6MS

**Manual Integrations APPROVED**
mohammad
10/24/2019 8:08:35 AM

Quant Time: Oct 22 18:27:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 11:39:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 333184 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 1343288 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.29 | 164 | 840158 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.04 | 188 | 1818103 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.24 | 240 | 1885965 | 20.00 | ng/ul | 0.01 |
| 86) Perylene-d12 | 23.44 | 264 | 2386259m | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.17 | 96 | 25580 | 3.38 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 520562 | 17.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 287179 | 17.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 417852 | 18.81 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.35 | 113 | 425651 | 18.26 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.79 | 128 | 189924 | 20.90 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.51 | 143 | 204874 | 23.68 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 454493 | 20.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.56 | 131 | 501778 | 18.74 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.71 | 166 | 1484671 | 23.06 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.98 | 160 | 1651324 | 21.87 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.49 | 143 | 219875 | 21.10 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.29 | 176 | 1301960 | 23.74 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 181533 | 25.18 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.13 | 188 | 2152162 | 24.55 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.43 | 212 | 2407111 | 26.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.31 | 264 | 2924844 | 24.18 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.85 | 94 | 654670 | 21.877 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.21 | 128 | 462516 | 19.926 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.45 | 70 | 358564 | 17.864 | ng/ul | 96 |
| 28) Naphthalene | 10.47 | 128 | 932378 | 13.429 | ng/ul | 99 |
| 33) 4-Chloro-3-methylphenol | 11.72 | 107 | 582730 | 23.649 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.10 | 142 | 150602 | 2.915 | ng/ul | 100 |
| 45) Dimethylphthalate | 13.76 | 163 | 339038 | 5.261 | ng/ul | 99 |
| 48) Acenaphthylene | 14.01 | 152 | 1807141 | 23.406 | ng/ul | 99 |
| 50) Acenaphthene | 14.36 | 153 | 1687195 | 31.382 | ng/ul | 99 |
| 53) 4-Nitrophenol | 14.50 | 109 | 217674 | 23.184 | ng/ul | 92 |
| 54) Dibenzofuran | 14.69 | 168 | 307213 | 4.025 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.66 | 165 | 482355 | 32.592 | ng/ul | 96 |
| 59) Fluorene | 15.34 | 166 | 264396 | 4.222 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.69 | 266 | 230592 | 16.538 | ng/ul | 99 |
| 70) Phenanthrene | 17.08 | 178 | 2186966 | 21.434 | ng/ul | 99 |
| 72) Anthracene | 17.17 | 178 | 4540829 | 43.067 | ng/ul | 100 |
| 75) Carbazole | 17.44 | 167 | 767334 | 8.146 | ng/ul | 99 |
| 77) Fluoranthene | 19.10 | 202 | 10257133 | 84.527 | ng/ul | 99 |
| 80) Pyrene | 19.47 | 202 | 12799996 | 108.339 | ng/ul | 95 |
| 83) Benzo(a)anthracene | 21.22 | 228 | 8307056 | 65.006 | ng/ul | 93 |
| 85) Chrysene | 21.27 | 228 | 12490687 | 105.268 | ng/ul | 95 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 20855492 | 144.149 | ng/ul | 93 |
| 89) Benzo(k)fluoranthene | 22.83 | 252 | 6944602m | 49.989 | ng/ul | |

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|---|---|---|---|---|---|---|
| 91) Benzo(a)pyrene | 23.36 | 252 | 10546160 | 75.977 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 10163544m | 61.549 | ng/ul | |
| 93) Dibenzo(a,h)anthracene | 25.67 | 278 | 2561732m | 18.554 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 26.34 | 276 | 9340509m | 68.701 | ng/ul | |

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

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