Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016855.D
Acq On : 22 Sep 2018 05:33
Operator : SJ/JU
Sample : J5012-10DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C08N2DL

Quant Time: Sep 24 01:22:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 05:13:53 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 5954 | 20.00 | ng/ul | 0.06 |
| 18) Naphthalene-d8 | 0.00 | 136 | 0 | 0.00 | ng/ul | -10.50 |
| 36) Acenaphthene-d10 | 0.00 | 164 | 0 | 0.00 | ng/ul | -14.36 |
| 62) Phenanthrene-d10 | 17.10 | 188 | 769 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.29 | 240 | 1574 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.61 | 264 | 595 | 20.00 | ng/ul | 0.08 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.26 | 96 | 12106 | 86.95 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 27201 | 54.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 90247 | 290.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 91959 | 224.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 53153 | 136.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.87 | 128 | 56315 | 0.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 51769 | 0.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 97330 | 0.00 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.64 | 131 | 459 | 0.00 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.77 | 166 | 338658 | 0.00 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.05 | 160 | 376163 | 0.00 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.55 | 143 | 7465 | 0.00 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.35 | 176 | 300958 | 0.00 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 27567 | 8732.53 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.20 | 188 | 419486 | 11306.34 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.50 | 212 | 502786 | 6582.94 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.38 | 264 | 550905 | 17749.51 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) N-Nitroso-di-n-propylamine | 8.42 | 70 | 912 | 3.026 | ng/ul# | 1 |
| 17) Hexachloroethane | 8.79 | 117 | 1270 | 7.854 | ng/ul | 83 |
| 64) 4,6-Dinitro-2-methylphenol | 15.48 | 198 | 641 | 181.086 | ng/ul# | 1 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.15 | 216 | 680182 | 53441.868 | ng/uL | 97 |
| 74) Pentachlorobenzene | 14.67 | 250 | 7731 | 673.375 | ng/uL | 96 |
| 76) Di-n-butylphthalate | 18.08 | 149 | 725 | 16.164 | ng/ul# | 78 |
| 80) Pyrene | 19.50 | 202 | 426 | 4.408 | ng/ul# | 1 |
| 81) Butylbenzylphthalate | 20.44 | 149 | 258 | 7.218 | ng/ul# | 17 |
| 82) 3,3'-Dichlorobenzidine | 21.09 | 252 | 116 | 3.720 | ng/ul# | 24 |
| 83) Benzo(a)anthracene | 21.33 | 228 | 255 | 2.617 | ng/ul# | 51 |
| 84) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 498 | 8.866 | ng/ul# | 52 |
| 85) Chrysene | 21.33 | 228 | 255 | 2.806 | ng/ul# | 49 |
| 87) Di-n-octyl phthalate | 22.17 | 149 | 120 | 3.357 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.93 | 252 | 442 | 12.411 | ng/ul# | 1 |
| 89) Benzo(k)fluoranthene | 22.97 | 252 | 460 | 13.451 | ng/ul# | 1 |
| 91) Benzo(a)pyrene | 23.52 | 252 | 193 | 5.685 | ng/ul# | 1 |

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

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