Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN092115\
Data File : VN027338.D
Acq On : 21 Sep 2015 18:41
Operator : MD\FY
Sample : G3692-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 22 15:06:53 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

**Instrument :** MSVOA_N
**ClientSampleId :** PT-VOA-WP

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.75 | 168 | 542165 | 50.00 | ug/l | 0.00 |
| 35) 1,4-Difluorobenzene | 8.68 | 114 | 1013466 | 50.00 | ug/l | 0.00 |
| 64) Chlorobenzene-d5 | 11.52 | 117 | 870795 | 50.00 | ug/l | 0.00 |
| 73) 1,4-Dichlorobenzene-d4 | 13.47 | 152 | 337180 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 34) 1,2-Dichloroethane-d4 | 8.12 | 65 | 379102 | 35.72 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 71.44% | | | |
| 36) Dibromofluoromethane | 7.68 | 113 | 236353 | 35.74 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 71.48% | | | |
| 51) Toluene-d8 | 10.19 | 98 | 915194 | 35.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 71.60% | | | |
| 63) 4-Bromofluorobenzene | 12.52 | 95 | 324830 | 34.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 69.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Bromomethane | 2.54 | 94 | 201619 | 68.84 | ug/l | 100 |
| 7) Chloroethane | 2.69 | 64 | 284885 | 62.30 | ug/l | 100 |
| 8) Trichlorofluoromethane | 3.02 | 101 | 1030905 | 98.71 | ug/l | 98 |
| 13) 1,1-Dichloroethene | 3.77 | 96 | 661440 | 106.84 | ug/l | 95 |
| 17) Acetone | 3.83 | 43 | 271552 | 94.05 | ug/l | 96 |
| 21) Methylene Chloride | 4.60 | 84 | 531792 | 69.17 | ug/l | 97 |
| 22) trans-1,2-Dichloroethene | 5.12 | 96 | 756515 | 111.14 | ug/l | 95 |
| 26) 2-Butanone | 6.91 | 43 | 752305 | 198.96 | ug/l | 97 |
| 31) Chloroform | 7.46 | 83 | 478562 | 33.30 | ug/l | 99 |
| 33) 1,1,1-Trichloroethane | 7.67 | 97 | 198220 | 15.56 | ug/l | 98 |
| 39) Carbon Tetrachloride | 7.88 | 117 | 569996 | 55.45 | ug/l | 100 |
| 41) Benzene | 8.14 | 78 | 850815 | 26.84 | ug/l | 99 |
| 43) 1,2-Dichloroethane | 8.22 | 62 | 1555049 | 120.32 | ug/l | 95 |
| 45) Trichloroethene | 8.93 | 130 | 536573 | 84.49 | ug/l | 93 |
| 46) 1,2-Dichloropropane | 9.22 | 63 | 732202 | 82.52 | ug/l | 98 |
| 47) Dibromomethane | 9.31 | 93 | 178933 | 33.60 | ug/l | 92 |
| 48) Bromodichloromethane | 9.50 | 83 | 496281 | 43.94 | ug/l | 99 |
| 52) 4-Methyl-2-Pentanone | 10.07 | 43 | 211696 | 25.53 | ug/l | 99 |
| 54) t-1,3-Dichloropropene | 10.47 | 75 | 360563 | 29.91 | ug/l | 99 |
| 55) cis-1,3-Dichloropropene | 9.93 | 75 | 577455 | 43.60 | ug/l | 94 |
| 56) 1,1,2-Trichloroethane | 10.66 | 97 | 254981 | 36.46 | ug/l | 98 |
| 60) 2-Hexanone | 10.84 | 43 | 642851 | 114.08 | ug/l | 99 |
| 62) 1,2-Dibromoethane | 11.11 | 107 | 257842 | 38.77 | ug/l | 99 |
| 65) Tetrachloroethene | 10.74 | 164 | 364153 | 70.26 | ug/l | 95 |
| 66) Chlorobenzene | 11.54 | 112 | 550460 | 29.48 | ug/l | 97 |
| 67) 1,1,1,2-Tetrachloroethane | 11.62 | 131 | 121069 | 19.32 | ug/l | 98 |
| 68) Ethyl Benzene | 11.62 | 91 | 1438658 | 40.85 | ug/l | 99 |
| 69) m/p-Xylenes | 11.73 | 106 | 1645877 | 134.81 | ug/l | 91 |
| 71) Styrene | 12.08 | 104 | 1327465 | 67.59 | ug/l | 94 |
| 72) Bromoform | 12.24 | 173 | 137826 | 32.79 | ug/l | 99 |
| 76) 1,1,2,2-Tetrachloroethane | 12.61 | 83 | 1096066 | 115.27 | ug/l | 99 |
| 77) 1,2,3-Trichloropropane | 12.66 | 75 | 203695 | 24.06 | ug/l # | 1 |
| 85) 1,2,4-Trimethylbenzene | 13.16 | 105 | 2048281 | 75.43 | ug/l | 95 |
| 89) 1,4-Dichlorobenzene | 13.49 | 146 | 273772 | 23.72 | ug/l | 93 |

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Quant Time: Sep 22 15:06:53 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 92) 1,2-Dichlorobenzene | 13.78 | 146 | 344277 | 30.22 ug/l | 96 |
| 93) 1,2-Dibromo-3-Chloropropan | 14.40 | 75 | 158711 | 85.17 ug/l | 88 |
| 94) 1,2,4-Trichlorobenzene | 15.06 | 180 | 660996 | 112.25 ug/l | 98 |
| 95) Hexachlorobutadiene | 15.16 | 225 | 475076 | 147.25 ug/l | 98 |
| 96) Naphthalene | 15.29 | 128 | 1302579 | 70.51 ug/l | 100 |

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

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