Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071318\
Data File : VN049793.D
Acq On : 13 Jul 2018 13:32
Operator : MD\SY
Sample : J3762-09 MDL 0.5ppb
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** MDL-WATER-03-QT3-2018

**Manual Integrations APPROVED**
MMDadoda
7/16/2018 11:25:26 AM

Quant Time: Jul 16 04:00:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.67 | 168 | 1069895 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 1688634 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 1450626 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 555599 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 690931 | 55.51 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 111.02% | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 657061 | 51.62 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 103.24% | | |
| 50) Toluene-d8 | 10.09 | 98 | 1973867 | 45.30 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 90.60% | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 599412 | 38.52 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = | 77.04% | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.85 | 85 | 7111 | Below Cal | | 84 |
| 3) Chloromethane | 2.06 | 50 | 10786 | Below Cal | | 98 |
| 5) Bromomethane | 2.57 | 94 | 9746 | Below Cal | | 83 |
| 16) Acetone | 3.83 | 43 | 11757 | 1.78 | ug/l | 90 |
| 17) Carbon Disulfide | 4.05 | 76 | 23980 | 0.38 | ug/l | 100 |
| 41) Methacrylonitrile | 7.18 | 41 | 2758 | 0.42 | ug/l # | 75 |
| 49) 1,4-Dioxane | 9.20 | 88 | 1603 | 11.82 | ug/l # | 53 |
| 75) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 9123 | Below Cal | | 92 |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75 | 1705m | 0.56 | ug/l | |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75 | 1356 | 0.35 | ug/l | 75 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 4695 | Below Cal | | 96 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 4976 | 0.50 | ug/l | 93 |

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

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