Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
Data File : VN051867.D
Acq On : 15 Oct 2018 12:02
Operator : MD\SY
Sample : J5512-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

**Instrument :** MSVOA_N
**ClientSampleId :** 002M-35TH-AVE-SEP

Quant Time: Oct 16 01:16:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 7.20 | 128 | 116505 | 30.00 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 8.59 | 114 | 649953 | 30.00 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 11.41 | 117 | 544880 | 30.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.03 | 65 | 216295 | 30.51 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 101.70% | | | | |
| 60) 4-Bromofluorobenzene | 12.40 | 95 | 199122 | 25.34 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 84.47% | | | | |
| 63) Toluene-d8 | 10.09 | 98 | 737924 | 31.19 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 103.97% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 15) Acetone | 3.82 | 58 | 366197 | 995.08 | ug/l | | 96 |
| 25) Chloroform | 7.37 | 83 | 237228 | 20.18 | ug/l | | 94 |
| 30) 2-Butanone | 6.85 | 43 | 11042 | 6.31 | ug/l | # | 86 |
| 41) Bromodichloromethane | 9.40 | 83 | 15678 | 1.75 | ug/l | | 95 |
| 58) 4-Methyl-2-Pentanone | 9.99 | 43 | 20473 | 5.61 | ug/l | # | 88 |
| 62) Toluene | 10.16 | 91 | 5713674 | 211.08 | ug/l | | 99 |
| 82) p-Isopropyltoluene | 13.29 | 119 | 150727 | 5.31 | ug/l | | 97 |

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

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