Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019483.D
Acq On : 19 Nov 2020 22:00
Operator : JC/MD
Sample : L4801-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** EFF-WW

Quant Time: Nov 20 03:04:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 4.98 | 128 | 44444 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.82 | 114 | 237552 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.10 | 117 | 224430 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.03 | 65 | 97545 | 30.54 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 101.80% | | | |
| 60) 4-Bromofluorobenzene | 11.12 | 95 | 108050 | 29.52 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 98.40% | | | |
| 63) Toluene-d8 | 8.70 | 98 | 290917 | 29.08 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 96.93% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) Methyl Acetate | 2.75 | 43 | 17533 | 5.943 | ug/l | 95 |
| 15) Acetone | 2.42 | 58 | 359476 | 860.286 | ug/l | 98 |
| 18) Methylene Chloride | 2.83 | 84 | 1200 | 0.403 | ug/l | 92 |
| 20) Diisopropyl ether | 3.82 | 45 | 3344 | 0.421 | ug/l # | 78 |
| 25) Chloroform | 5.17 | 83 | 6706 | 1.321 | ug/l | 88 |
| 30) 2-Butanone | 4.64 | 43 | 44326 | 24.041 | ug/l | 100 |
| 67) m/p-Xylenes | 10.34 | 106 | 3056 | 0.593 | ug/l | 93 |
| 68) o-Xylene | 10.68 | 106 | 1141 | 0.234 | ug/l | 96 |

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

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