Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007966.D
Acq On : 11 Mar 2019 13:04
Operator : JC/SP
Sample : K1812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** 002M-35TH-AVE(MAR)

Quant Time: Mar 12 08:32:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Bromochloromethane | 5.02 | 128 | 41467 | 30.00 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 6.86 | 114 | 217834 | 30.00 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 10.11 | 117 | 193519 | 30.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 6.07 | 65 | 81163 | 29.78 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 50 - 169 | | Recovery = 99.27% | | | |
| 60) 4-Bromofluorobenzene | 11.13 | 95 | 87346 | 28.28 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 56 - 143 | | Recovery = 94.27% | | | |
| 63) Toluene-d8 | 8.71 | 98 | 258122 | 29.15 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 66 - 137 | | Recovery = 97.17% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 15) Acetone | 2.45 | 58 | 512494 | 878.715 | ug/l | 97 |
| 30) 2-Butanone | 4.70 | 43 | 9137 | 3.922 | ug/l | 99 |
| 58) 4-Methyl-2-Pentanone | 8.65 | 43 | 6512 | 1.634 | ug/l | 98 |
| 62) Toluene | 8.79 | 91 | 122465 | 10.838 | ug/l | 100 |
| 67) m/p-Xylenes | 10.36 | 106 | 4125 | 0.886 | ug/l | 99 |
| 68) o-Xylene | 10.69 | 106 | 2208 | 0.489 | ug/l | 95 |
| 79) tert-butylbenzene | 12.06 | 119 | 5298 | 0.493 | ug/l | 98 |
| 80) 1,2,4-Trimethylbenzene | 11.80 | 105 | 8965 | 0.883 | ug/l | 61 |
| 82) p-Isopropyltoluene | 12.06 | 119 | 5298 | 0.493 | ug/l | 98 |

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

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