Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091819\
Data File : VN058180.D
Acq On : 18 Sep 2019 22:02
Operator : JC/SP
Sample : K4940-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** 30356

Quant Time: Sep 19 07:08:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 02:07:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.65 | 168 | 606298 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.57 | 114 | 960214 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 817181 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152 | 345045 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.01 | 65 | 391717 | 46.39 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.78% | | | |
| 35) Dibromofluoromethane | 7.57 | 113 | 274487 | 47.02 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.04% | | | |
| 50) Toluene-d8 | 10.08 | 98 | 1125835 | 49.50 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.00% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 372901 | 44.14 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 88.28% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 3.80 | 43 | 161857 | 56.467 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 5.03 | 73 | 95543 | 5.168 | ug/l | 98 |
| 22) Diisopropyl ether | 5.93 | 45 | 26929 | 1.322 | ug/l | 91 |
| 25) 2-Butanone | 6.82 | 43 | 112898 | 28.910 | ug/l | 99 |
| 29) Tetrahydrofuran | 7.20 | 42 | 6442 | 2.678 | ug/l # | 89 |
| 40) Benzene | 8.03 | 78 | 476756 | 22.542 | ug/l | 99 |
| 52) Toluene | 10.15 | 92 | 430068 | 32.446 | ug/l | 100 |
| 67) Ethyl Benzene | 11.51 | 91 | 57804 | 2.347 | ug/l | 99 |
| 68) m/p-Xylenes | 11.62 | 106 | 75527 | 8.142 | ug/l | 98 |
| 69) o-Xylene | 11.95 | 106 | 56986 | 6.248 | ug/l | 98 |
| 84) 1,2,4-Trimethylbenzene | 13.05 | 105 | 93057 | 5.120 | ug/l | 99 |
| 95) Naphthalene | 15.13 | 128 | 270511 | 16.413 | ug/l | 99 |

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

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