Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032119\
Data File : VD061250.D
Acq On : 21 Mar 2019 17:45
Operator : VA/AP
Sample : K2024-01
Misc : 7.84g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** RCA-08

Quant Time: Mar 22 04:32:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.08 | 168 | 8774 | 50.00 | ug/l | 0.03 |
| 34) 1,4-Difluorobenzene | 8.25 | 114 | 16158 | 50.00 | ug/l | 0.03 |
| 63) Chlorobenzene-d5 | 12.38 | 117 | 13930 | 50.00 | ug/l | 0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152 | 5407 | 50.00 | ug/l | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.47 | 65 | 4796 | 65.67 | ug/l | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 131.34% | | | |
| 35) Dibromofluoromethane | 6.95 | 113 | 1513 | 12.62 | ug/l | 0.02 |
| Spiked Amount 50.000 | | | Recovery = 25.24% | | | |
| 50) Toluene-d8 | 10.43 | 98 | 13181 | 43.77 | ug/l | 0.03 |
| Spiked Amount 50.000 | | | Recovery = 87.54% | | | |
| 62) 4-Bromofluorobenzene | 13.56 | 95 | 5723 | 48.98 | ug/l | 0.01 |
| Spiked Amount 50.000 | | | Recovery = 97.96% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Bromomethane | 2.22 | 94 | 181 | 12.837 | ug/l # | 8 |
| 16) Acetone | 3.23 | 43 | 4403 | 210.826 | ug/l # | 48 |
| 43) Isopropyl Acetate | 9.32 | 43 | 181 | 1.999 | ug/l # | 43 |
| 51) 4-Methyl-2-Pentanone | 10.20 | 43 | 908 | 16.373 | ug/l # | 37 |
| 55) 1,1,2-Trichloroethane | 11.13 | 97 | 192 | 2.664 | ug/l # | 15 |
| 56) Ethyl methacrylate | 10.96 | 69 | 214 | 2.837 | ug/l # | 28 |
| 59) 2-Hexanone | 11.67 | 43 | 1156 | 28.496 | ug/l # | 25 |
| 74) N-amyl acetate | 13.31 | 43 | 221 | 2.014 | ug/l # | 17 |
| 76) 1,2,3-Trichloropropane | 13.56 | 75 | 1984 | 25.505 | ug/l # | 42 |
| 80) 1,3,5-Trimethylbenzene | 14.25 | 105 | 544 | 1.839 | ug/l # | 31 |
| 81) trans-1,4-Dichloro-2-buten | 13.56 | 75 | 1984 | 86.509 | ug/l # | 17 |
| 84) 1,2,4-Trimethylbenzene | 14.25 | 105 | 544 | 1.839 | ug/l # | 31 |
| 85) sec-Butylbenzene | 14.25 | 105 | 544 | 1.376 | ug/l # | 58 |
| 95) Naphthalene | 16.13 | 128 | 2428 | 23.260 | ug/l # | 70 |

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

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