Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081219\
Data File : VD063486.D
Acq On : 12 Aug 2019 14:38
Operator : JC/SY
Sample : K4244-03
Misc : 6.05g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_D
**ClientSampleId :** BERGEN-SP-2

Quant Time: Aug 13 07:45:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.04 | 168 | 36478 | 50.00 | ug/l | -0.03 |
| 34) 1,4-Difluorobenzene | 8.21 | 114 | 74349 | 50.00 | ug/l | -0.03 |
| 63) Chlorobenzene-d5 | 12.36 | 117 | 49532 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152 | 25576 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 7.45 | 65 | 74191 | 190.27 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 380.54% | | | |
| 35) Dibromofluoromethane | 6.92 | 113 | 52042 | 83.11 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 166.22% | | | |
| 50) Toluene-d8 | 10.40 | 98 | 26605 | 19.33 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 38.66% | | | |
| 62) 4-Bromofluorobenzene | 13.55 | 95 | 26125 | 41.87 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 83.74% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.74 | 50 | 401 | 1.163 | ug/l # | 41 |
| 5) Bromomethane | 2.17 | 94 | 2045 | 12.662 | ug/l # | 11 |
| 6) Chloroethane | 2.31 | 64 | 202 | 1.290 | ug/l # | 1 |
| 8) Diethyl Ether | 2.85 | 74 | 481 | 5.074 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.07 | 59 | 512 | 30.164 | ug/l # | 71 |
| 12) 1,1-Dichloroethene | 3.13 | 96 | 844 | 2.863 | ug/l # | 1 |
| 13) Acrolein | 3.02 | 56 | 370 | 22.145 | ug/l # | 18 |
| 14) Allyl chloride | 3.60 | 41 | 1226 | 2.767 | ug/l # | 8 |
| 15) Acrylonitrile | 4.14 | 53 | 216 | 4.804 | ug/l # | 6 |
| 16) Acetone | 3.21 | 43 | 24588 | 310.206 | ug/l | 98 |
| 18) Methyl Acetate | 3.63 | 43 | 9236 | 61.518 | ug/l | 92 |
| 20) Methylene Chloride | 3.81 | 84 | 7971 | 23.256 | ug/l # | 85 |
| 25) 2-Butanone | 6.08 | 43 | 1334 | 17.041 | ug/l # | 58 |
| 29) Tetrahydrofuran | 6.46 | 42 | 12288 | 336.860 | ug/l # | 90 |
| 36) 1,1-Dichloropropene | 7.03 | 75 | 2432 | 3.700 | ug/l # | 71 |
| 41) Methacrylonitrile | 6.46 | 41 | 8346 | 24.068 | ug/l # | 74 |
| 59) 2-Hexanone | 11.53 | 43 | 201 | 1.094 | ug/l # | 30 |
| 67) Ethyl Benzene | 12.46 | 91 | 1877 | 1.163 | ug/l # | 46 |
| 81) trans-1,4-Dichloro-2-buten | 13.55 | 75 | 11083 | 140.482 | ug/l # | 1 |
| 88) 1,4-Dichlorobenzene | 14.54 | 146 | 1212 | 1.571 | ug/l # | 72 |
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180 | 797 | 1.587 | ug/l # | 10 |
| 95) Naphthalene | 16.12 | 128 | 1745 | 2.293 | ug/l # | 48 |

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

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BERGEN-SP-2

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