

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121119\
 Data File : VD064499.D
 Acq On : 11 Dec 2019 14:19
 Operator : VA/SY
 Sample : K6247-04
 Misc : 7.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampled :
 RT3465

Quant Time: Dec 12 03:05:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene | 7.98 | 168 | 17795 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.87 | 114 | 25082 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.64 | 117 | 24967 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152 | 12943 | 50.00 | ug/l | 0.00 |

System Monitoring Compounds

| | | | | | | |
|---------------------------|-------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33 | 65 | 9100 | 56.50 | ug/l | 0.00 |
| Spiked Amount | | | | 50.000 | | |
| | | | Recovery | = | 113.00% | |
| 35) Dibromofluoromethane | 7.92 | 113 | 8293 | 52.48 | ug/l | 0.00 |
| Spiked Amount | | | | 50.000 | | |
| | | | Recovery | = | 104.96% | |
| 50) Toluene-d8 | 10.34 | 98 | 30351 | 50.99 | ug/l | 0.00 |
| Spiked Amount | | | | 50.000 | | |
| | | | Recovery | = | 101.98% | |
| 62) 4-Bromofluorobenzene | 12.64 | 95 | 10645 | 55.64 | ug/l | 0.00 |
| Spiked Amount | | | | 50.000 | | |
| | | | Recovery | = | 111.28% | |

Target Compounds

| | | | | | | Qvalue |
|--------------------------------|-------|-----|-------|-----------|--------|--------|
| 3) Chloromethane | 2.20 | 50 | 1017 | 5.001 | ug/l | 89 |
| 5) Bromomethane | 2.79 | 94 | 1182 | 6.807 | ug/l # | 73 |
| 10) Methyl Iodide | 4.31 | 142 | 859 | 4.860 | ug/l # | 79 |
| 14) Allyl chloride | 4.71 | 41 | 267 | 1.067 | ug/l # | 49 |
| 15) Acrylonitrile | 5.43 | 53 | 69 | 1.945 | ug/l # | 16 |
| 16) Acetone | 4.16 | 43 | 422 | 12.965 | ug/l # | 47 |
| 18) Methyl Acetate | 4.61 | 43 | 269 | 2.833 | ug/l # | 51 |
| 25) 2-Butanone | 7.22 | 43 | 85 | 1.847 | ug/l # | 49 |
| 29) Tetrahydrofuran | 7.50 | 42 | 89 | 3.039 | ug/l # | 33 |
| 31) Cyclohexane | 7.98 | 56 | 517 | Below Cal | # | 85 |
| 36) 1,1-Dichloropropene | 7.99 | 75 | 1088 | 4.586 | ug/l # | 45 |
| 37) Ethyl Acetate | 7.27 | 43 | 112 | 1.113 | ug/l # | 69 |
| 38) Carbon Tetrachloride | 7.98 | 117 | 1792 | 7.157 | ug/l # | 11 |
| 59) 2-Hexanone | 10.99 | 43 | 148 | 2.178 | ug/l # | 26 |
| 76) 1,2,3-Trichloropropane | 12.64 | 75 | 5646 | 53.044 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.64 | 75 | 5646 | 115.665 | ug/l # | 9 |
| 84) 1,2,4-Trimethylbenzene | 13.27 | 105 | 791 | 1.034 | ug/l # | 56 |
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180 | 372 | 1.303 | ug/l # | 73 |
| 95) Naphthalene | 15.41 | 128 | 11047 | 23.180 | ug/l # | 94 |

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

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