

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010259.D
 Acq On : 11 Apr 2019 23:44
 Operator : SY/MD
 Sample : K2278-13MS
 Misc : 5.57G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y3MS

Quant Time: Apr 12 07:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 307094 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 291633 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 123962 | 25.00 | ug/L | 0.00 |

System Monitoring Compounds

| | | | | | | |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 53130 | 15.03 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 150 | Recovery | = | 60.12% |
| 7) Chloroethane-d5 | 1.55 | 69 | 60780 | 20.01 | ug/L | -0.02 |
| Spiked Amount | 25.000 | Range | 30 - 150 | Recovery | = | 80.04% |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 158238 | 17.59 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 45 - 110 | Recovery | = | 70.36% |
| 20) 2-Butanone-d5 | 3.92 | 46 | 51419 | 57.48 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 20 - 135 | Recovery | = | 114.96% |
| 24) Chloroform-d | 4.39 | 84 | 161103 | 22.97 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 40 - 150 | Recovery | = | 91.88% |
| 26) 1,2-Dichloroethane-d4 | 5.07 | 65 | 102665 | 25.70 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 70 - 130 | Recovery | = | 102.80% |
| 29) Benzene-d6 | 5.09 | 84 | 329020 | 23.40 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 20 - 135 | Recovery | = | 93.60% |
| 33) 1,2-Dichloropropane-d6 | 6.11 | 67 | 106442 | 25.45 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 70 - 120 | Recovery | = | 101.80% |
| 37) Toluene-d8 | 7.36 | 98 | 299679 | 21.85 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 130 | Recovery | = | 87.40% |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 38162 | 21.88 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 30 - 135 | Recovery | = | 87.52% |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 35630 | 49.32 | ug/L | 0.00 |
| Spiked Amount | 50.000 | Range | 20 - 135 | Recovery | = | 98.64% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 89972 | 23.97 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 45 - 120 | Recovery | = | 95.88% |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 111336 | 24.32 | ug/L | 0.00 |
| Spiked Amount | 25.000 | Range | 75 - 120 | Recovery | = | 97.28% |

Target Compounds

| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|------------------------|------|------|----------|--------|-------|--------|
| 12) 1,1-Dichloroethene | 2.13 | 96 | 84702 | 20.906 | ug/L | 96 |
| 13) Acetone | 2.18 | 43 | 4591 | 4.803 | ug/L | 94 |
| 16) Methylene chloride | 2.53 | 84 | 13453 | 2.237 | ug/L | 90 |
| 34) Benzene | 5.14 | 78 | 382928 | 25.903 | ug/L | 100 |
| 35) Trichloroethene | 5.96 | 95 | 106116 | 24.844 | ug/L | 99 |
| 44) Toluene | 7.43 | 91 | 436142 | 26.243 | ug/L | 97 |
| 52) Chlorobenzene | 8.92 | 112 | 291858 | 25.167 | ug/L | 98 |

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

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