Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\
Data File : VW011242.D
Acq On : 12 Jul 2019 16:13
Operator : SY/VA
Sample : K3760-08
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** DB8Y8

Quant Time: Jul 13 06:55:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 269301 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 189331 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 49961 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 78374 | 19.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 76.24% | | | |
| 7) Chloroethane-d5 | 2.88 | 69 | 62318 | 21.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 86.40% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 136982 | 15.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 62.92% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 68673 | 42.40 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 84.80% | | | |
| 24) Chloroform-d | 7.65 | 84 | 179069 | 24.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 97.04% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 116790 | 25.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 102.76% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 356491 | 30.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 122.24% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 121893 | 32.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 128.36%# | | | |
| 37) Toluene-d8 | 10.32 | 98 | 271396 | 26.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 104.44% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 25788 | 15.97 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 63.88% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 31334 | 35.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 71.94% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 75178 | 23.93 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 95.72% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 42531 | 22.18 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 88.72% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 13146 | 8.309 | ug/L | 99 |
| 56) Styrene | 12.18 | 104 | 18699 | 2.272 | ug/L | 98 |

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

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