Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
Data File : VW005742.D
Acq On : 01 Oct 2018 18:11
Operator : SY/AP
Sample : J5180-11
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** JLC20

Quant Time: Oct 02 06:55:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 230298 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 206127 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 82190 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 40388 | 13.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 55.04% | | | |
| 7) Chloroethane-d5 | 2.90 | 69 | 37045 | 16.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 64.68% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 74128 | 11.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 46.24% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 46814 | 49.67 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 99.34% | | | |
| 24) Chloroform-d | 7.65 | 84 | 128082 | 21.65 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 86.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 82049 | 22.90 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 91.60% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 220460 | 21.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 86.44% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 72647 | 24.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 98.52% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 203979 | 20.25 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 81.00% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 32174 | 20.77 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 83.08% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 35885 | 51.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 103.92% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 66192 | 23.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.40% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 63472 | 21.83 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 87.32% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 142240 | 144.922 | ug/L | 71 |
| 14) Carbon disulfide | 4.37 | 76 | 7543 | 0.805 | ug/L | 95 |
| 16) Methylene chloride | 4.91 | 84 | 12033 | 3.169 | ug/L | 98 |
| 21) 2-Butanone | 7.18 | 43 | 45516 | 38.723 | ug/L | 99 |
| 34) Benzene | 8.32 | 78 | 8432 | 0.724 | ug/L | 100 |
| 36) Methylcyclohexane | 9.34 | 83 | 22161 | 4.090 | ug/L # | 71 |
| 44) Toluene | 10.39 | 91 | 9264 | 0.712 | ug/L | 93 |
| 53) Ethylbenzene | 11.74 | 91 | 123405 | 8.281 | ug/L | 100 |
| 54) m,p-Xylene | 11.84 | 106 | 105765 | 18.838 | ug/L | 96 |
| 55) o-xylene | 12.17 | 106 | 42227 | 7.980 | ug/L | 99 |
| 57) Isopropylbenzene | 12.47 | 105 | 21231 | 1.405 | ug/L | 97 |

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

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