Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF654

**Manual Integrations APPROVED**
MMDadoda
4/11/2019 11:42:56 AM

Quant Time: Apr 08 12:34:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:43:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 373388 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 226837 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 52936 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 125774 | 25.74 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 102.96% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 116540 | 26.03 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 104.12% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 185318 | 17.64 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 70.56% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 72924 | 45.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 91.94% | | | |
| 24) Chloroform-d | 7.64 | 84 | 242035 | 23.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 95.04% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 155325m | 24.83 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 99.32% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 446653 | 37.51 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 150.04%# | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 136829 | 37.20 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 148.80%# | | | |
| 37) Toluene-d8 | 10.32 | 98 | 308253 | 28.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 112.00% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 47472 | 27.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 108.24% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 48384 | 69.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 139.58%# | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 68273 | 19.97 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 79.88% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 40499 | 21.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 87.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 27171 | 15.985 | ug/L | 98 |
| 14) Carbon disulfide | 4.37 | 76 | 13641 | 0.885 | ug/L | 96 |
| 16) Methylene chloride | 4.92 | 84 | 40043 | 6.081 | ug/L | 89 |
| 30) Cyclohexane | 7.95 | 56 | 15301 | 2.858 | ug/L | 91 |
| 36) Methylcyclohexane | 9.34 | 83 | 44709 | 7.614 | ug/L | 89 |
| 44) Toluene | 10.39 | 91 | 92713 | 6.413 | ug/L | 99 |
| 53) Ethylbenzene | 11.73 | 91 | 253105 | 15.368 | ug/L | 99 |
| 54) m,p-Xylene | 11.83 | 106 | 309420 | 50.797 | ug/L | 97 |
| 55) o-xylene | 12.16 | 106 | 203457 | 35.070 | ug/L | 99 |
| 57) Isopropylbenzene | 12.46 | 105 | 115018 | 7.240 | ug/L | 97 |

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

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