Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Data File : VU034762.D
Acq On : 24 Sep 2019 02:47
Operator : JC/SP
Sample : K4932-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFDF0

Quant Time: Sep 24 06:52:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 483391 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 452257 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152 | 211241 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 202109 | 40.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 81.68% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 171243 | 44.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 89.54% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 279032 | 33.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 66.60% | | | |
| 21) 2-Butanone-d5 | 4.15 | 46 | 487638 | 128.57 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 128.57% | | | |
| 24) Chloroform-d | 4.62 | 84 | 362524 | 50.39 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.78% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 270177 | 51.09 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.18% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 723714 | 51.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.26% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 264327 | 53.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 107.90% | | | |
| 41) Toluene-d8 | 7.54 | 98 | 684798 | 51.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 102.70% | | | |
| 43) trans-1,3-Dichloropropene- | 7.83 | 79 | 119489 | 50.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 101.84% | | | |
| 47) 2-Hexanone-d5 | 8.29 | 63 | 317878 | 129.18 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 129.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 356066 | 52.38 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 104.76% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.84 | 152 | 237649 | 53.65 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 107.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.31 | 43 | 51514 | 11.676 | ug/L | 98 |
| 15) Methyl Acetate | 2.61 | 43 | 6444 | 1.093 | ug/L | 96 |
| 16) Methylene chloride | 2.68 | 84 | 93318 | 23.294 | ug/L | 97 |
| 20) cis-1,2-Dichloroethene | 4.20 | 96 | 6667 | 1.649 | ug/L | 93 |
| 40) 4-Methyl-2-pentanone | 7.44 | 43 | 33397 | 3.745 | ug/L # | 89 |
| 42) Toluene | 7.62 | 91 | 244061 | 14.398 | ug/L | 99 |
| 52) Ethylbenzene | 9.23 | 91 | 95107 | 4.982 | ug/L | 99 |
| 53) m,p-Xylene | 9.35 | 106 | 124148 | 18.362 | ug/L | 99 |
| 54) o-xylene | 9.76 | 106 | 84779 | 12.677 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.85 | 146 | 12088 | 1.635 | ug/L # | 86 |

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

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