Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\
Data File : VU032006.D
Acq On : 14 May 2019 19:47
Operator : JC/SP
Sample : K2738-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DB891

**Manual Integrations APPROVED**
MMDadoda
5/15/2019 10:30:38 AM

Quant Time: May 15 05:39:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 1152772 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 1167957 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 481060 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 409859 | 40.52 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 81.04% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 351806 | 42.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 85.90% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 582357 | 32.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 64.24% | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 665429 | 93.94 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 93.94% | | | |
| 24) Chloroform-d | 4.64 | 84 | 731003 | 43.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.34% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.30 | 65 | 476250 | 44.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.32% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 1565008 | 46.28 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.56% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 514073 | 46.08 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 92.16% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 1385694 | 45.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.48% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 215668 | 43.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 87.64% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 465821 | 102.96 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 102.96% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 707480 | 42.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 85.70% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 477543 | 47.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.40 | 62 | 60181 | 4.847 | ug/L # | 45 |
| 13) Acetone | 2.32 | 43 | 30141 | 4.139 | ug/L | 97 |
| 17) trans-1,2-Dichloroethene | 2.98 | 96 | 369464 | 41.716 | ug/L | 98 |
| 20) cis-1,2-Dichloroethene | 4.22 | 96 | 277951 | 28.372 | ug/L | 98 |
| 34) Trichloroethene | 6.18 | 95 | 12909536 | 1362.555 | ug/L | 99 |
| 46) Tetrachloroethene | 8.22 | 164 | 22741669m | 3399.740 | ug/L | |

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

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