Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\
Data File : VU037065.D
Acq On : 05 Mar 2020 02:25
Operator : JC/MD
Sample : L1780-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0DH7

Quant Time: Mar 05 04:24:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 272936 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 253199 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 92098 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 94066 | 41.04 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 82.08% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 92346 | 48.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 97.38% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 123427 | 32.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 64.32% | | | |
| 21) 2-Butanone-d5 | 4.67 | 46 | 154564 | 100.53 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 100.53% | | | |
| 24) Chloroform-d | 5.10 | 84 | 165968 | 47.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.84% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 115548 | 48.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.56% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 360692 | 49.26 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.52% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 120979 | 51.00 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 102.00% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 322446 | 47.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.94% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 50355 | 45.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 91.36% | | | |
| 47) 2-Hexanone-d5 | 8.66 | 63 | 112206 | 96.74 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 96.74% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 170379 | 50.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 101.88% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.21 | 152 | 93938 | 52.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 104.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.53 | 50 | 2850 | 1.070 | ug/L | 94 |
| 13) Acetone | 2.66 | 43 | 2846 | 1.800 | ug/L | 100 |
| 33) Benzene | 5.81 | 78 | 358228 | 44.784 | ug/L | 100 |
| 51) Chlorobenzene | 9.47 | 112 | 437126 | 86.569 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.76 | 146 | 8545 | 2.860 | ug/L | 99 |
| 63) 1,4-Dichlorobenzene | 11.85 | 146 | 232847 | 78.884 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 12.23 | 146 | 135248 | 45.338 | ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.87 | 180 | 23962 | 16.865 | ug/L | 98 |
| 70) 1,2,3-Trichlorobenzene | 14.36 | 180 | 2950 | 2.078 | ug/L | 94 |

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

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