Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042120\
Data File : VU037834.D
Acq On : 21 Apr 2020 18:53
Operator : JC/MD
Sample : L2317-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0F14

Quant Time: Apr 22 03:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 22 02:16:18 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 541596 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 523832 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 261160 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 189549 | 39.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 78.30% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 165103 | 41.80 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 83.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 247128 | 30.19 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 60.38% | | | |
| 21) 2-Butanone-d5 | 4.66 | 46 | 348690 | 88.23 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 88.23% | | | |
| 24) Chloroform-d | 5.10 | 84 | 322233 | 41.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 82.48% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 232955 | 43.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.54% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 688821 | 42.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 84.84% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 234990 | 43.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 86.06% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 621915 | 41.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 83.76% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 114549 | 41.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 82.96% | | | |
| 47) 2-Hexanone-d5 | 8.65 | 63 | 244591 | 85.71 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 85.71% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 315922 | 42.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 84.10% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 228388 | 41.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 82.92% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 33) Benzene | 5.81 | 78 | 650622 | 37.894 | ug/L | 100 |
| 51) Chlorobenzene | 9.47 | 112 | 2584393 | 227.608 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.76 | 146 | 134662 | 15.244 | ug/L | 98 |
| 63) 1,4-Dichlorobenzene | 11.85 | 146 | 959014 | 107.523 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 12.22 | 146 | 1206069 | 138.398 | ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.87 | 180 | 173375 | 28.421 | ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 14.36 | 180 | 46918 | 7.729 | ug/L | 99 |

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

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Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0F14

Quant Time: Apr 22 03:29:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 22 02:16:18 2020
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