Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031720\
Data File : VV015010.D
Acq On : 18 Mar 2020 06:25
Operator : SY/MD
Sample : L1941-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0DC2

**Manual Integrations APPROVED**
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Quant Time: Mar 18 08:59:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 316485 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 314579 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 174120 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 74483 | 35.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 70.66% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 59705 | 38.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 76.26% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 96255 | 29.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 59.52%# | | | |
| 21) 2-Butanone-d5 | 3.93 | 46 | 100463m | 78.15 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 78.15% | | | |
| 24) Chloroform-d | 4.38 | 84 | 184471 | 41.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 83.98% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 123631 | 44.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.84% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 379020 | 43.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.46% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 111489 | 43.20 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 86.40% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 372849 | 43.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 87.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 48050 | 35.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 70.04% | | | |
| 47) 2-Hexanone-d5 | 8.12 | 63 | 99444 | 85.37 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 85.37% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 163397 | 43.25 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 86.50% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 181669m | 47.63 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.26% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 4.41 | 83 | 8205 | 1.980 | ug/L | 88 |
| 51) Chlorobenzene | 8.90 | 112 | 4920622 | 741.845 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.20 | 146 | 431248 | 75.158 | ug/L | 99 |
| 63) 1,4-Dichlorobenzene | 11.29 | 146 | 1549820 | 268.136 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 11.68 | 146 | 13611918 | 2374.871 | ug/L | 94 |
| 68) 1,2,4-trichlorobenzene | 13.28 | 180 | 2287668 | 570.526 | ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 13.77 | 180 | 365653 | 92.123 | ug/L | 98 |

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

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Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0DC2

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