Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060320\
Data File : VV016456.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2843-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB0

Manual Integrations APPROVED
MMDadoda
6/4/2020 3:39:31 PM

Quant Time: Jun 04 02:23:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 377867 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 362687 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 171920 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 123204 | 46.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 92.06% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 90991 | 47.09 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 94.18% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 173443 | 36.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 73.12% | | | |
| 21) 2-Butanone-d5 | 3.90 | 46 | 198420 | 115.95 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 115.95% | | | |
| 24) Chloroform-d | 4.38 | 84 | 239097 | 47.60 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 166234 | 49.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.86% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 488017 | 50.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.46% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 152243 | 50.29 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.58% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 437068 | 49.54 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.08% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 71031 | 48.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 96.30% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 149088 | 115.00 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 115.00% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 203520 | 49.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 99.14% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 172042 | 53.25 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 106.50% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.32 | 62 | 263474 | 90.778 | ug/L | 100 |
| 8) Chloroethane | 1.59 | 64 | 1690 | 1.039 | ug/L | 85 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 10837m | 5.166 | ug/L | |
| 13) Acetone | 2.18 | 43 | 4810 | 3.007 | ug/L | 92 |
| 17) trans-1,2-Dichloroethene | 2.78 | 96 | 19150 | 7.235 | ug/L | 95 |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 3347895 | 1171.978 | ug/L | 100 |
| 25) Chloroform | 4.40 | 83 | 4354 | 0.849 | ug/L | 95 |
| 34) Trichloroethene | 5.94 | 95 | 2280350 | 814.747 | ug/L | 96 |
| 42) Toluene | 7.41 | 91 | 16232 | 1.436 | ug/L | 98 |

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

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