Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071420\
Data File : VV017485.D
Acq On : 14 Jul 2020 15:37
Operator : SY/MD
Sample : L3260-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** X2M71

Quant Time: Jul 15 04:16:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 140536 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 138532 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 73625 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 38907 | 4.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 95.20% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 31187 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 70731 | 3.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 79.20% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 85431 | 50.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 101.86% | | | |
| 24) Chloroform-d | 4.38 | 84 | 85267 | 4.65 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 49380 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.20% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 153666 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 41650 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 94.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 148371 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.00% | | | |
| 45) trans-1,3-Dichloropropene- | 7.65 | 79 | 19908 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.40% | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 67231 | 52.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 104.54% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 29397 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 93.40% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 60012 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Bromomethane | 1.53 | 94 | 12152 | 1.775 | ug/L | 93 |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 17873 | 2.114 | ug/L # | 62 |
| 13) Acetone | 2.20 | 43 | 73721 | 60.536 | ug/L | 74 |
| 14) Carbon disulfide | 2.31 | 76 | 191140 | 7.302 | ug/L | 99 |
| 15) Methyl Acetate | 2.46 | 43 | 101021 | 42.945 | ug/L | 99 |
| 16) Methylene chloride | 2.53 | 84 | 41161 | 4.042 | ug/L | 95 |
| 17) Methyl tert-butyl Ether | 2.79 | 73 | 225300 | 10.724 | ug/L | 97 |
| 21) 2-Butanone | 4.04 | 43 | 63493 | 33.730 | ug/L # | 49 |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 61631 | 6.270 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.16 | 62 | 64413 | 5.208 | ug/L | 98 |
| 30) Cyclohexane | 4.70 | 56 | 154293 | 10.347 | ug/L | 98 |
| 33) Benzene | 5.13 | 78 | 181895 | 4.935 | ug/L | 100 |
| 34) Trichloroethene | 5.94 | 95 | 38062 | 3.382 | ug/L | 95 |
| 35) Methylcyclohexane | 6.15 | 83 | 325145 | 19.632 | ug/L | 98 |
| 40) 4-Methyl-2-pentanone | 7.25 | 43 | 131948 | 29.256 | ug/L | 99 |
| 42) Toluene | 7.41 | 91 | 652130 | 16.022 | ug/L | 99 |
| 49) Tetrachloroethene | 8.00 | 164 | 42709 | 4.459 | ug/L | 96 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 50) 2-Hexanone | 8.16 | 43 | 76150 | 22.981 | ug/L | | 99 |
| 52) 1,2-Dibromoethane | 8.38 | 107 | 11576 | 1.853 | ug/L | # | 99 |
| 54) Ethylbenzene | 9.04 | 91 | 453844 | 9.742 | ug/L | | 99 |
| 55) m,p-xylene | 9.16 | 106 | 151189 | 8.583 | ug/L | | 99 |
| 63) 1,3-Dichlorobenzene | 11.20 | 146 | 140838 | 6.153 | ug/L | | 97 |

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

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