Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007346.D
Acq On : 04 Sep 2018 23:17
Operator : SY/MD
Sample : J4695-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BEE41

Quant Time: Sep 05 01:28:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:26:02 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 533870 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 501243 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 191971 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 167497 | 43.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 87.86% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 117152 | 46.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 93.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 225241 | 33.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 67.06% | | | |
| 21) 2-Butanone-d5 | 3.96 | 46 | 284487 | 91.72 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 91.72% | | | |
| 24) Chloroform-d | 4.41 | 84 | 351738 | 44.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 89.18% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 224781 | 47.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.48% | | | |
| 32) Benzene-d6 | 5.11 | 84 | 704257 | 46.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.24% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 242527 | 47.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.80% | | | |
| 41) Toluene-d8 | 7.37 | 98 | 563989 | 43.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 86.74% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 97189 | 45.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 90.14% | | | |
| 47) 2-Hexanone-d5 | 8.14 | 63 | 190466 | 95.97 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 95.97% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 316547 | 45.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 91.56% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 206819 | 50.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.26% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.26 | 50 | 31397 | 6.99 | ug/L | 94 |
| 6) Bromomethane | 1.53 | 94 | 8423 | 3.84 | ug/L | 100 |
| 13) Acetone | 2.20 | 43 | 144065 | 78.00 | ug/L | 99 |
| 14) Carbon disulfide | 2.32 | 76 | 27102 | 2.83 | ug/L # | 94 |
| 17) trans-1,2-Dichloroethene | 2.79 | 96 | 14853 | 4.03 | ug/L | 94 |
| 20) cis-1,2-Dichloroethene | 3.97 | 96 | 164990 | 38.93 | ug/L | 100 |
| 22) 2-Butanone | 4.05 | 43 | 66967 | 21.65 | ug/L | 97 |
| 30) 1,1,1-Trichloroethane | 4.66 | 97 | 9262 | 1.51 | ug/L | 97 |
| 33) Benzene | 5.15 | 78 | 172917 | 10.79 | ug/L | 100 |
| 34) Trichloroethene | 5.96 | 95 | 263520 | 67.33 | ug/L | 99 |
| 46) Tetrachloroethene | 8.02 | 164 | 370022 | 117.57 | ug/L | 97 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
Data File : VV007346.D
Acq On : 04 Sep 2018 23:17
Operator : SY/MD
Sample : J4695-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BEE41

Quant Time: Sep 05 01:28:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:26:02 2018
Response via : Initial Calibration