Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032519\
Data File : VV009868.D
Acq On : 25 Mar 2019 18:21
Operator : SY/MD
Sample : K2016-08DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0985DL

Quant Time: Mar 26 07:44:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 176769 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 174583 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 75546 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 88148 | 48.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 97.68% | | | |
| 7) Chloroethane-d5 | 1.56 | 69 | 96109 | 47.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 94.64% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 184288 | 34.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.28% | | | |
| 21) 2-Butanone-d5 | 3.93 | 46 | 79583 | 98.79 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 98.79% | | | |
| 24) Chloroform-d | 4.40 | 84 | 111556 | 44.45 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.90% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 79042 | 47.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.22% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 244423 | 51.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.16% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 72696 | 49.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 99.46% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 216668 | 46.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 93.38% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 28728 | 43.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 86.04% | | | |
| 47) 2-Hexanone-d5 | 8.13 | 63 | 56821 | 94.83 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 94.83% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 100196 | 42.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 84.46% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 82959 | 47.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 33) Benzene | 5.15 | 78 | 329022 | 64.554 | ug/L | 100 |
| 51) Chlorobenzene | 8.93 | 112 | 259936 | 67.317 | ug/L | 97 |
| 62) 1,3-Dichlorobenzene | 11.23 | 146 | 36541 | 14.121 | ug/L | 91 |
| 63) 1,4-Dichlorobenzene | 11.32 | 146 | 187379 | 69.062 | ug/L | 99 |
| 65) 1,2-Dichlorobenzene | 11.69 | 146 | 253818 | 92.842 | ug/L | 95 |
| 68) 1,2,4-trichlorobenzene | 13.31 | 180 | 17046 | 12.117 | ug/L | 97 |
| 70) 1,2,3-Trichlorobenzene | 13.79 | 180 | 7756 | 5.450 | ug/L | 98 |

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

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