Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
Data File : VU031590.D
Acq On : 29 Apr 2019 16:41
Operator : JC/SP
Sample : K2536-22DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0X10DL

**Manual Integrations APPROVED**
MMDadoda
4/30/2019 12:07:31 PM

Quant Time: Apr 30 04:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 663692 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 649739 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 236489 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 288167 | 51.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 103.76% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 235666 | 54.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 109.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 438667 | 39.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 79.32% | | | |
| 21) 2-Butanone-d5 | 4.19 | 46 | 577342 | 114.72 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 114.72% | | | |
| 24) Chloroform-d | 4.64 | 84 | 525924 | 51.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 368619 | 55.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 110.92% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 1041907 | 52.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 104.44% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 373370 | 53.19 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 106.38% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 851837 | 49.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 98.04% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 146582 | 48.65 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 97.30% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 331426 | 109.08 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 109.08% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 480103 | 50.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 101.92% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 264685 | 53.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 106.44% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.88 | 101 | 18948 | 2.013 | ug/L | 99 |
| 13) Acetone | 2.35 | 43 | 10092m | 1.780 | ug/L | |
| 34) Trichloroethene | 6.18 | 95 | 315460 | 54.478 | ug/L | 96 |
| 46) Tetrachloroethene | 8.22 | 164 | 30115 | 7.629 | ug/L | 98 |

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

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