Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035741.D
Acq On : 18 Nov 2019 13:55
Operator : JC/SP
Sample : K5911-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAQK6

Quant Time: Nov 19 01:19:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 191729 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 219935 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 81872 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.62 | 65 | 89181 | 4.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 90.40% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 83036 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 102.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.60 | 63 | 114020 | 3.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.60% | | | |
| 20) 2-Butanone-d5 | 4.70 | 46 | 225920 | 51.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 103.70% | | | |
| 24) Chloroform-d | 5.11 | 84 | 170679 | 5.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 108.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 88866 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.60% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 315439 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.74 | 67 | 110931 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.20% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 257487 | 3.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 78.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.22 | 79 | 40205 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 90.00% | | | |
| 46) 2-Hexanone-d5 | 8.70 | 63 | 161545 | 46.11 | ug/L | 0.02 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.22% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 94710 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 100.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 83006 | 5.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.54 | 50 | 3798 | 0.160 | ug/L | 96 |
| 6) Bromomethane | 1.88 | 94 | 4148 | 0.298 | ug/L | 96 |
| 13) Acetone | 2.67 | 43 | 8575 | 2.730 | ug/L | 95 |
| 14) Carbon disulfide | 2.82 | 76 | 24461 | 0.447 | ug/L # | 93 |
| 33) Benzene | 5.82 | 78 | 9121 | 0.118 | ug/L | 100 |
| 42) Toluene | 8.00 | 91 | 28559 | 0.351 | ug/L | 96 |
| 52) Ethylbenzene | 9.60 | 91 | 10882 | 0.127 | ug/L | 100 |
| 53) m,p-Xylene | 9.73 | 106 | 4343 | 0.134 | ug/L | 88 |

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

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