Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
Data File : VU035163.D
Acq On : 14 Oct 2019 20:36
Operator : JC/SP
Sample : K5311-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** P0002-STEELE-191007-02

Quant Time: Oct 15 08:35:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 144194 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 146438 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152 | 54021 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 42202 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 99.00% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 42002 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 105.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 62712 | 3.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.80% | | | |
| 20) 2-Butanone-d5 | 4.17 | 46 | 145349 | 57.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 115.82% | | | |
| 24) Chloroform-d | 4.62 | 84 | 74803 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 50936 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.80% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 158703 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 59687 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.00% | | | |
| 41) Toluene-d8 | 7.55 | 98 | 133327 | 4.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 80.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.84 | 79 | 16871 | 4.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.80% | | | |
| 46) 2-Hexanone-d5 | 8.30 | 63 | 108034 | 54.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 109.96% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 55039 | 5.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 113.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 48144 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 8578 | 0.651 | ug/L | 99 |
| 3) Chloromethane | 1.33 | 50 | 4414 | 0.305 | ug/L | 91 |
| 13) Acetone | 2.31 | 43 | 8404 | 4.088 | ug/L | 86 |
| 17) Methyl tert-butyl Ether | 2.98 | 73 | 7756 | 0.307 | ug/L # | 80 |
| 18) trans-1,2-Dichloroethene | 2.97 | 96 | 838 | 0.084 | ug/L # | 63 |
| 22) cis-1,2-Dichloroethene | 4.20 | 96 | 42582 | 3.849 | ug/L | 91 |
| 25) Chloroform | 4.65 | 83 | 14699 | 0.664 | ug/L | 99 |
| 34) Trichloroethene | 6.16 | 95 | 38652 | 3.398 | ug/L | 97 |
| 47) Tetrachloroethene | 8.21 | 164 | 43740 | 4.750 | ug/L | 95 |

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

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