Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041819\
Data File : VU031289.D
Acq On : 18 Apr 2019 04:48
Operator : JC/SP
Sample : K2452-07MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** YAMZ5MSD

Quant Time: Apr 18 10:10:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 18 08:39:25 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 216782 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 210940 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 82849 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 106650 | 5.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 119.20% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 87449 | 5.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 118.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 216424 | 5.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 117.40% | | | |
| 20) 2-Butanone-d5 | 4.22 | 46 | 245685 | 59.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 118.70% | | | |
| 24) Chloroform-d | 4.64 | 84 | 146070 | 5.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 112.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 78898 | 5.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 118.80% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 282011 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 91954 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 102.00% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 245776 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 36256 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 99.80% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 189016 | 52.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 105.98% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 78885 | 5.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 111.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 85501 | 5.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 110.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 129359 | 7.188 | ug/L | 99 |
| 9) Trichlorofluoromethane | 1.88 | 101 | 31982 | 1.090 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 103381 | 6.175 | ug/L | 100 |
| 13) Acetone | 2.36 | 43 | 8841 | 2.617 | ug/L | 78 |
| 33) Benzene | 5.38 | 78 | 337199 | 5.369 | ug/L | 100 |
| 34) Trichloroethene | 6.18 | 95 | 82456 | 4.766 | ug/L | 96 |
| 42) Toluene | 7.63 | 91 | 331598 | 4.899 | ug/L | 98 |
| 47) Tetrachloroethene | 8.22 | 164 | 45815 | 3.506 | ug/L | 97 |
| 51) Chlorobenzene | 9.12 | 112 | 212361 | 5.119 | ug/L | 99 |

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

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