

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034668.D
 Acq On : 19 Sep 2019 23:46
 Operator : JC/SP
 Sample : K4895-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDG0

Quant Time: Sep 20 05:51:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	489671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	466197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	207422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	224206	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.46%
7) Chloroethane-d5	1.67	69	183667	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.26	63	298812	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	4.15	46	409675	106.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.63%
24) Chloroform-d	4.62	84	347713	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
26) 1,2-Dichloroethane-d4	5.29	65	252830	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.32	84	703030	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
36) 1,2-Dichloropropane-d6	6.31	67	246681	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	7.54	98	672444	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.83	79	111988	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.29	63	251390	99.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	330400	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	213929	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

					Ovalue
13) Acetone	2.31	43	305729	68.408	ug/L 99
15) Methyl Acetate	2.61	43	5823	0.975	ug/L 94
16) Methylene chloride	2.69	84	4986	1.229	ug/L 91
22) 2-Butanone	4.24	43	105874	19.913	ug/L 98
51) Chlorobenzene	9.10	112	1480055	139.334	ug/L 98
63) 1,4-Dichlorobenzene	11.48	146	13412	1.833	ug/L 96
65) 1,2-Dichlorobenzene	11.85	146	17155	2.364	ug/L 88

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

