

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033700.D
 Acq On : 09 Aug 2019 22:05
 Operator : JC/SP
 Sample : K4202-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B31

Quant Time: Aug 12 03:02:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	386009	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	369459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	186812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	135362	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.28%
7) Chloroethane-d5	1.67	69	132124	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.78%
11) 1,1-Dichloroethene-d2	2.26	63	184722	38.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.32%
21) 2-Butanone-d5	4.16	46	269349	152.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	152.90%#
24) Chloroform-d	4.62	84	254884	60.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.76%
26) 1,2-Dichloroethane-d4	5.29	65	166992	63.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.52%#
32) Benzene-d6	5.32	84	522790	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.31	67	173061	64.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.36%#
41) Toluene-d8	7.55	98	463395	56.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.00%
43) trans-1,3-Dichloropropene-	7.83	79	81682	60.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.90%
47) 2-Hexanone-d5	8.29	63	210010	151.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	151.53%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	266971	67.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.90%#
64) 1,2-Dichlorobenzene-d4	11.84	152	203660	64.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.56%#

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	15843	4.876 ug/L	84
17) trans-1,2-Dichloroethene	2.97	96	5009	2.059 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	482743	173.967 ug/L	98
34) Trichloroethene	6.16	95	269316	99.271 ug/L	98
46) Tetrachloroethene	8.21	164	12685	5.672 ug/L	93

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

