

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052892.D
 Acq On : 31 Jan 2023 20:24
 Operator : JC/MD
 Sample : 01381-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M7

Quant Time: Feb 01 01:00:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	246179	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	144985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83197	46.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.900%		
7) Chloroethane-d5	1.909	69	74468	51.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	102.020%		
11) 1,1-Dichloroethene-d2	2.565	63	127429	36.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.320%		
21) 2-Butanone-d5	4.620	46	101586	92.808	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.810%		
24) Chloroform-d	5.060	84	172187	45.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.060%		
26) 1,2-Dichloroethane-d4	5.697	65	116185	48.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
32) Benzene-d6	5.723	84	340306	44.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.860%		
36) 1,2-Dichloropropane-d6	6.684	67	101065	45.492	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.980%		
41) Toluene-d8	7.893	98	298537	43.281	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	8.173	79	48950	43.960	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.920%		
47) 2-Hexanone-d5	8.629	63	67462	86.422	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.420%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139373	42.461	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.920%		
66) 1,2-Dichlorobenzene-d4	12.195	152	139748	49.640	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.280%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	11621	5.525	ug/L	83
12) 1,1-Dichloroethene	2.581	96	10614	5.828	ug/L #	1
17) trans-1,2-Dichloroethene	3.353	96	19331	9.822	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	10172	1.758	ug/L #	89
20) cis-1,2-Dichloroethene	4.661	96	2427816	1155.412	ug/L	98
33) Benzene	5.771	78	279316	33.095	ug/L	100
34) Trichloroethene	6.536	95	160515	74.826	ug/L	96
35) Methylcyclohexane	6.761	83	3406	1.003	ug/L	87
51) Chlorobenzene	9.449	112	13393570	2250.628	ug/L	98
52) Ethylbenzene	9.568	91	213132	23.057	ug/L	99
54) o-xylene	10.099	106	5181	1.450	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	242373	51.303	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	2204122	450.666	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	11797705	2468.911	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	3029913	1033.298	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	649834	209.699	ug/L	98

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