

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044776.D
 Acq On : 23 Sep 2021 11:09
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200017

Quant Time: Sep 24 05:18:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	274171	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275784	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	160540	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	568144	237.032	ug/L	0.00
7) Chloroethane-d5	1.887	69	454642	255.653	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.565	63	987090	241.666	ug/L	0.00
21) 2-Butanone-d5	4.629	46	991682	527.121	ug/L	0.00
24) Chloroform-d	5.066	84	915464	227.998	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	608167	239.468	ug/L	0.00
32) Benzene-d6	5.732	84	1838858	218.058	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	599926	218.097	ug/L	0.00
41) Toluene-d8	7.902	98	1652233	219.705	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	296514	245.023	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	831165	610.813	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	1049978	252.059	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	703653	218.578	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	507116	214.786	ug/L	99
3) Chloromethane	1.517	50	596216	206.466	ug/L	100
5) Vinyl chloride	1.607	62	598757	214.090	ug/L	99
6) Bromomethane	1.835	94	247030	188.881	ug/L	100
8) Chloroethane	1.912	64	379333	233.724	ug/L	100
9) Trichlorofluoromethane	2.128	101	671077	211.222	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	428228	208.571	ug/L	99
12) 1,1-Dichloroethene	2.578	96	416146	207.259	ug/L	93
13) Acetone	2.632	43	949781	610.580	ug/L	99
14) Carbon disulfide	2.790	76	1333620	210.383	ug/L	100
15) Methyl Acetate	2.951	43	639480	219.546	ug/L	99
16) Methylene chloride	3.047	84	491697	165.266	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	439780	211.509	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	1516439	235.780	ug/L	99
19) 1,1-Dichloroethane	3.870	63	887977	215.511	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	494682	215.994	ug/L	96
22) 2-Butanone	4.706	43	1178326	524.904	ug/L	100
23) Bromochloromethane	4.980	128	236402	192.884	ug/L	99
25) Chloroform	5.092	83	858438	212.409	ug/L	99
27) 1,2-Dichloroethane	5.800	62	733795	230.716	ug/L	100
29) Cyclohexane	5.391	56	853307	226.057	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	726912	211.760	ug/L	98
31) Carbon tetrachloride	5.526	117	587119	211.222	ug/L	98
33) Benzene	5.777	78	1940959	204.287	ug/L	100
34) Trichloroethene	6.546	95	473321	205.325	ug/L	99
35) Methylcyclohexane	6.767	83	837432	226.332	ug/L	99
37) 1,2-Dichloropropane	6.796	63	519592	200.173	ug/L	100
38) Bromodichloromethane	7.108	83	663463	214.379	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	840933	235.244	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	1993262	499.435	ug/L	98
42) Toluene	7.973	91	2052750	207.717	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	815975	241.924	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044776.D
 Acq On : 23 Sep 2021 11:09
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200017

Quant Time: Sep 24 05:18:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	482759	202.871	ug/L	99
46) Tetrachloroethene	8.558	164	336029	189.729	ug/L	98
48) 2-Hexanone	8.693	43	1784121	543.265	ug/L	100
49) Dibromochloromethane	8.816	129	505752	209.116	ug/L	100
50) 1,2-Dibromoethane	8.928	107	525677	212.475	ug/L	99
51) Chlorobenzene	9.452	112	1263265	207.251	ug/L	99
52) Ethylbenzene	9.574	91	2290706	224.220	ug/L	99
53) m,p-Xylene	9.697	106	876313	226.926	ug/L	98
54) o-xylene	10.105	106	875901	228.544	ug/L	100
55) Styrene	10.118	104	1571054	242.542	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	1025944	235.257	ug/L	100
59) Bromoform	10.298	173	409817	196.733	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	832441	214.547	ug/L	100
61) Isopropylbenzene	10.488	105	2292962	213.033	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	2059532	230.161	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	2145249	237.905	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	1074447	208.720	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	1098182	209.023	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	1114458	207.957	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	268508	248.263	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	794459	210.448	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	705901	219.194	ug/L	100
71) Naphthalene	14.092	128	2627864	241.937	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	699684	207.471	ug/L	100

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

