

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021423\
 Data File : VU053095.D
 Acq On : 14 Feb 2023 13:31
 Operator : JC/MD
 Sample : VSTD10002
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100002

Quant Time: Feb 15 00:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 15 00:30:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	251867	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	235594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123409	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	242350	103.692	ug/L	0.00
7) Chloroethane-d5	1.913	69	206252	107.858	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.566	63	417982	113.775	ug/L	0.00
21) 2-Butanone-d5	4.624	46	263632	272.545	ug/L	0.00
24) Chloroform-d	5.058	84	433886	110.417	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	270972	113.724	ug/L	0.00
32) Benzene-d6	5.723	84	881065	110.702	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	289444	116.064	ug/L	0.00
41) Toluene-d8	7.894	98	816061	106.185	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	149091	111.439	ug/L	0.00
47) 2-Hexanone-d5	8.630	63	205109	263.597	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	386594	113.781	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	286590	104.319	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	268964	127.467	ug/L	99
3) Chloromethane	1.518	50	250700	127.368	ug/L	97
5) Vinyl chloride	1.605	62	277174	117.580	ug/L	99
6) Bromomethane	1.859	94	176702	111.420	ug/L	99
8) Chloroethane	1.933	64	167881	116.608	ug/L	99
9) Trichlorofluoromethane	2.135	101	358953	103.373	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	201261	112.846	ug/L	99
12) 1,1-Dichloroethene	2.579	96	190102	112.102	ug/L	96
13) Acetone	2.640	43	160100	196.646	ug/L	100
14) Carbon disulfide	2.791	76	608873	118.755	ug/L	100
15) Methyl Acetate	2.949	43	172282	133.474	ug/L	98
16) Methylene chloride	3.042	84	212600	104.338	ug/L	98
17) trans-1,2-Dichloroethene	3.351	96	192817	107.113	ug/L	99
18) Methyl tert-butyl Ether	3.357	73	658205	115.573	ug/L	100
19) 1,1-Dichloroethane	3.865	63	380350	119.545	ug/L	99
20) cis-1,2-Dichloroethene	4.659	96	223150	109.901	ug/L	100
22) 2-Butanone	4.704	43	243347	241.063	ug/L	100
23) Bromochloromethane	4.968	128	107207	99.429	ug/L	98
25) Chloroform	5.084	83	386462	111.191	ug/L	100
27) 1,2-Dichloroethane	5.788	62	300595	118.590	ug/L	100
29) Cyclohexane	5.383	56	356457	121.065	ug/L	100
30) 1,1,1-Trichloroethane	5.312	97	337637	109.056	ug/L	99
31) Carbon tetrachloride	5.521	117	288221	106.965	ug/L	100
33) Benzene	5.768	78	838850	112.496	ug/L	100
34) Trichloroethene	6.537	95	219054	109.039	ug/L	98
35) Methylcyclohexane	6.759	83	382098	111.505	ug/L	99
37) 1,2-Dichloropropane	6.784	63	229634	119.040	ug/L	99
38) Bromodichloromethane	7.100	83	297170	109.878	ug/L	99
39) cis-1,3-Dichloropropene	7.601	75	387839	118.378	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	490874	258.072	ug/L	100
42) Toluene	7.965	91	896789	107.775	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	363251	115.115	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021423\
 Data File : VU053095.D
 Acq On : 14 Feb 2023 13:31
 Operator : JC/MD
 Sample : VSTD10002
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100002

Quant Time: Feb 15 00:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 15 00:30:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.395	97	211533	108.949	ug/L	98
46) Tetrachloroethene	8.550	164	145370	94.628	ug/L	98
48) 2-Hexanone	8.682	43	379390	252.960	ug/L	100
49) Dibromochloromethane	8.804	129	222155	98.432	ug/L	98
50) 1,2-Dibromoethane	8.919	107	226005	107.772	ug/L	98
51) Chlorobenzene	9.440	112	559014	105.098	ug/L	100
52) Ethylbenzene	9.566	91	1012779	110.001	ug/L	100
53) m,p-Xylene	9.688	106	380423	105.451	ug/L	100
54) o-xylene	10.096	106	379053	106.343	ug/L	100
55) Styrene	10.109	104	641302	107.303	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	346338	114.334	ug/L	99
59) Bromoform	10.286	173	156375	97.704	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	256593	120.326	ug/L	99
61) Isopropylbenzene	10.479	105	1007594	114.241	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	847795	110.475	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	818409	109.929	ug/L	99
64) 1,3-Dichlorobenzene	11.739	146	418055	108.320	ug/L	99
65) 1,4-Dichlorobenzene	11.829	146	413765	106.122	ug/L	99
67) 1,2-Dichlorobenzene	12.205	146	414172	106.235	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	77403	119.664	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	276199	95.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.832	180	262094	100.431	ug/L	99
71) Naphthalene	14.080	128	914065	114.068	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	256645	100.247	ug/L	99

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

