

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050517.D
 Acq On : 30 Aug 2022 15:12
 Operator : SY/MD
 Sample : VSTD05015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

Quant Time: Aug 31 01:25:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	379148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	141605	34.081	ug/L	0.00
7) Chloroethane-d5	1.903	69	118360	38.420	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	236614	39.353	ug/L	0.00
21) 2-Butanone-d5	4.629	46	260648	91.088	ug/L	0.00
24) Chloroform-d	5.063	84	281676	40.892	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	179528	41.592	ug/L	0.00
32) Benzene-d6	5.726	84	566341	43.868	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	188032	43.570	ug/L	0.00
41) Toluene-d8	7.899	98	505043	44.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	75606	42.402	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	135294	85.741	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	287362	43.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	167644	44.037	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	102019	36.674	ug/L	100
3) Chloromethane	1.517	50	184414	52.440	ug/L	100
5) Vinyl chloride	1.601	62	175072	51.560	ug/L	100
6) Bromomethane	1.848	94	85315	64.097	ug/L	100
8) Chloroethane	1.925	64	111914	54.026	ug/L	100
9) Trichlorofluoromethane	2.131	101	193473	46.023	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	109599	42.848	ug/L	100
12) 1,1-Dichloroethene	2.575	96	125160	53.007	ug/L	100
13) Acetone	2.633	43	188728	95.596	ug/L	100
14) Carbon disulfide	2.787	76	296621	49.871	ug/L	100
15) Methyl Acetate	2.951	43	199118	55.337	ug/L	100
16) Methylene chloride	3.041	84	185038	55.030	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	134497	53.882	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	467140	57.935	ug/L	100
19) 1,1-Dichloroethane	3.867	63	280165	52.107	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	165484	55.260	ug/L	100
22) 2-Butanone	4.706	43	304456	112.243	ug/L	100
23) Bromochloromethane	4.973	128	89285	54.571	ug/L	100
25) Chloroform	5.086	83	288729	50.765	ug/L	100
27) 1,2-Dichloroethane	5.793	62	231307	53.708	ug/L	100
29) Cyclohexane	5.388	56	188523	55.552	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	215462	51.421	ug/L	100
31) Carbon tetrachloride	5.523	117	161537	47.812	ug/L	100
33) Benzene	5.774	78	659303	58.121	ug/L	100
34) Trichloroethene	6.542	95	145281	54.616	ug/L	100
35) Methylcyclohexane	6.764	83	184470	50.735	ug/L	100
37) 1,2-Dichloropropane	6.790	63	178005	54.348	ug/L	100
38) Bromodichloromethane	7.105	83	202527	49.538	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	236888	55.083	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	533863	120.489	ug/L	100
42) Toluene	7.970	91	663398	58.348	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	218384	54.724	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	175186	54.452	ug/L	100
46) Tetrachloroethene	8.552	164	101077	52.284	ug/L	100
48) 2-Hexanone	8.687	43	458182	123.726	ug/L	100
49) Dibromochloromethane	8.809	129	151752	46.971	ug/L	100
50) 1,2-Dibromoethane	8.925	107	179997	55.493	ug/L	100
51) Chlorobenzene	9.446	112	397126	53.516	ug/L	100
52) Ethylbenzene	9.571	91	633467	55.612	ug/L	100
53) m,p-Xylene	9.693	106	241501	56.763	ug/L	100
54) o-Xylene	10.102	106	252134	59.128	ug/L	100
55) Styrene	10.115	104	424256	58.959	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	306567	52.525	ug/L	100
59) Bromoform	10.291	173	107616	46.284	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	238106	54.732	ug/L	100
61) Isopropylbenzene	10.484	105	591171	57.152	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	490186	58.266	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	481021	58.716	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	266605	53.039	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	258636	51.302	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	286716	53.938	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	55634	49.312	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	171685	49.999	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	144116	52.202	ug/L	100
71) Naphthalene	14.089	128	568561	60.707	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	169619	55.698	ug/L	100

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

