

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051997.D
 Acq On : 21 Nov 2022 15:13
 Operator : JC/MD
 Sample : VSTD05057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050057

Quant Time: Nov 22 00:39:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	493194	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	482006	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	241010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	224539	55.507	ug/L	0.00
7) Chloroethane-d5	1.906	69	180872	54.552	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	331034	49.504	ug/L	0.00
21) 2-Butanone-d5	4.617	46	268026	97.815	ug/L	0.00
24) Chloroform-d	5.060	84	363826	50.314	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	211936	47.608	ug/L	0.00
32) Benzene-d6	5.726	84	768218	57.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	240470	54.876	ug/L	0.00
41) Toluene-d8	7.896	98	696019	57.434	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	101314	54.807	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	195497	104.151	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	375832	50.435	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	246061	53.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	135543	33.519	ug/L	100
3) Chloromethane	1.527	50	194391	36.688	ug/L	100
5) Vinyl chloride	1.604	62	206568	39.331	ug/L	100
6) Bromomethane	1.845	94	108578	39.846	ug/L	100
8) Chloroethane	1.929	64	132727	41.824	ug/L	100
9) Trichlorofluoromethane	2.135	101	244828	40.274	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	156066	41.521	ug/L	100
12) 1,1-Dichloroethene	2.578	96	149750	42.057	ug/L	100
13) Acetone	2.620	43	216857	72.044	ug/L	100
14) Carbon disulfide	2.790	76	374881	33.553	ug/L	100
15) Methyl Acetate	2.945	43	190621	41.288	ug/L	100
16) Methylene chloride	3.044	84	208486	43.924	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	159225	43.292	ug/L	100
18) Methyl tert-butyl Ether	3.360	73	513514	47.796	ug/L	100
19) 1,1-Dichloroethane	3.868	63	325543	44.491	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	192591	47.128	ug/L	100
22) 2-Butanone	4.697	43	298825	84.271	ug/L	100
23) Bromochloromethane	4.970	128	101734	44.611	ug/L	100
25) Chloroform	5.086	83	338762	44.859	ug/L	100
27) 1,2-Dichloroethane	5.790	62	248824	42.880	ug/L	100
29) Cyclohexane	5.388	56	230942	46.837	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	261189	46.238	ug/L	100
31) Carbon tetrachloride	5.523	117	212924	44.906	ug/L	100
33) Benzene	5.771	78	762942	48.762	ug/L	100
34) Trichloroethene	6.540	95	172437	45.823	ug/L	100
35) Methylcyclohexane	6.761	83	248212	46.746	ug/L	100
37) 1,2-Dichloropropane	6.790	63	206510	47.973	ug/L	100
38) Bromodichloromethane	7.102	83	256568	46.827	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	282953	49.606	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	548797	96.499	ug/L	100
42) Toluene	7.967	91	817308	50.920	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	264073	48.046	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	203310	47.301	ug/L	100
46) Tetrachloroethene	8.552	164	129229	46.277	ug/L	100
48) 2-Hexanone	8.681	43	449806	93.817	ug/L	100
49) Dibromochloromethane	8.806	129	207781	47.158	ug/L	100
50) 1,2-Dibromoethane	8.922	107	207084	47.022	ug/L	100
51) Chlorobenzene	9.446	112	507879	48.059	ug/L	100
52) Ethylbenzene	9.568	91	815676	50.298	ug/L	100
53) m,p-Xylene	9.691	106	321226	51.553	ug/L	100
54) o-Xylene	10.099	106	330231	52.906	ug/L	100
55) Styrene	10.112	104	563239	52.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	380226	46.624	ug/L	100
59) Bromoform	10.289	173	156460	46.364	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	282571	45.448	ug/L	100
61) Isopropylbenzene	10.481	105	812842	53.126	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	656899	51.217	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	648408	51.616	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	373292	48.316	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	371226	46.898	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	390342	48.340	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	69752	41.933	ug/L	100
69) 1,3,5-Trichlorobenzene	13.218	180	239639	46.458	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	193884	48.318	ug/L	100
71) Naphthalene	14.083	128	674370	52.067	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	218990	51.096	ug/L	100

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

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