

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
 Data File : VU050573.D
 Acq On : 01 Sep 2022 00:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050185

Quant Time: Sep 01 05:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	381734	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	346259	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122537	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	142384	48.633	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.260%	
7) Chloroethane-d5	1.903	69	118696	52.000	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.565	63	249584	50.490	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	100.980%	
21) 2-Butanone-d5	4.623	46	239295	93.455	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.460%	
24) Chloroform-d	5.063	84	278401	48.870	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.740%	
26) 1,2-Dichloroethane-d4	5.700	65	172406	46.591	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.180%	
32) Benzene-d6	5.726	84	565430	52.686	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.380%	
36) 1,2-Dichloropropane-d6	6.690	67	184760	51.705	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.400%	
41) Toluene-d8	7.896	98	507218	54.326	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.660%	
43) trans-1,3-Dichloroprop...	8.179	79	65693	45.711	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.420%	
47) 2-Hexanone-d5	8.636	63	119199	92.129	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.130%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	176883	31.735	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	63.480%#	
66) 1,2-Dichlorobenzene-d4	12.192	152	128401	48.398	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	134597	56.006	ug/L	99
3) Chloromethane	1.517	50	194195	48.774	ug/L	97
5) Vinyl chloride	1.601	62	191466	52.080	ug/L	99
6) Bromomethane	1.848	94	89030	52.873	ug/L	99
8) Chloroethane	1.925	64	118279	51.121	ug/L	99
9) Trichlorofluoromethane	2.134	101	227995	53.914	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	138908	55.181	ug/L	100
12) 1,1-Dichloroethene	2.578	96	136521	51.899	ug/L	96
13) Acetone	2.633	43	173820	87.386	ug/L	98
14) Carbon disulfide	2.790	76	301278	46.609	ug/L	100
15) Methyl Acetate	2.948	43	188359	46.141	ug/L	99
16) Methylene chloride	3.044	84	174990	40.919	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	142657	50.073	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	443437	45.921	ug/L	99
19) 1,1-Dichloroethane	3.867	63	287471	49.531	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	161727	47.694	ug/L	98
22) 2-Butanone	4.703	43	278003	90.358	ug/L	100
23) Bromochloromethane	4.973	128	84815	46.730	ug/L	99
25) Chloroform	5.086	83	292801	48.867	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	220583	46.410	ug/L	99
29) Cyclohexane	5.388	56	235795	60.936	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	229537	54.714	ug/L	99
31) Carbon tetrachloride	5.523	117	177843	55.522	ug/L	97
33) Benzene	5.774	78	670073	53.270	ug/L	100
34) Trichloroethene	6.542	95	150958	52.299	ug/L	99
35) Methylcyclohexane	6.761	83	233033	60.045	ug/L	99
37) 1,2-Dichloropropane	6.790	63	176038	51.115	ug/L	100
38) Bromodichloromethane	7.105	83	193985	49.783	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	208490	45.947	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	496103	99.516	ug/L	99
42) Toluene	7.967	91	682382	54.680	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	191946	46.434	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	165977	49.652	ug/L	98
46) Tetrachloroethene	8.552	164	110237	54.595	ug/L	98
48) 2-Hexanone	8.684	43	400851	94.060	ug/L	94
49) Dibromochloromethane	8.809	129	141392	48.717	ug/L	99
50) 1,2-Dibromoethane	8.925	107	171800	49.787	ug/L	99
51) Chlorobenzene	9.446	112	379147	48.819	ug/L	99
52) Ethylbenzene	9.571	91	606232	50.188	ug/L	99
53) m,p-Xylene	9.693	106	234052	51.430	ug/L	99
54) o-Xylene	10.102	106	165108	35.664	ug/L	99
55) Styrene	10.115	104	278954	36.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	190445	31.931	ug/L	98
59) Bromoform	10.291	173	65856	40.139	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	149183	40.557	ug/L	99
61) Isopropylbenzene	10.484	105	404500	46.296	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	356323	49.608	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	347858	49.860	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	192363	46.140	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	188480	44.583	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	215758	47.737	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	40131	45.720	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	137225	48.100	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	108006	42.563	ug/L	99
71) Naphthalene	14.086	128	382509	36.739	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	127437	43.455	ug/L	99

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

