

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050519.D
 Acq On : 30 Aug 2022 16:10
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200017

Quant Time: Aug 31 01:26:41 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	425430	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	418602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204422	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	607656	130.339	ug/L	0.00
7) Chloroethane-d5	1.893	69	420846	121.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1072165	158.921	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1164795	362.773	ug/L	0.00
24) Chloroform-d	5.063	84	1211024	156.685	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	756284	156.149	ug/L	0.00
32) Benzene-d6	5.726	84	2462237	166.277	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	824057	166.473	ug/L	0.00
41) Toluene-d8	7.899	98	2244041	173.676	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	376300	183.991	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	750519	414.668	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1272249	166.617	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	803280	169.249	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	504827	161.733	ug/L	99
3) Chloromethane	1.517	50	764448	193.732	ug/L	99
5) Vinyl chloride	1.600	62	757741	198.883	ug/L	100
6) Bromomethane	1.845	94	318173	213.038	ug/L	98
8) Chloroethane	1.915	64	462544	199.001	ug/L	99
9) Trichlorofluoromethane	2.124	101	886538	187.947	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	548639	191.156	ug/L	99
12) 1,1-Dichloroethene	2.571	96	561408	211.898	ug/L	97
13) Acetone	2.632	43	763133	344.495	ug/L	100
14) Carbon disulfide	2.784	76	1523171	228.231	ug/L	99
15) Methyl Acetate	2.948	43	865197	214.291	ug/L	99
16) Methylene chloride	3.041	84	745974	197.717	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	613209	218.940	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	2154352	238.117	ug/L	100
19) 1,1-Dichloroethane	3.864	63	1203700	199.516	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	742689	221.025	ug/L	98
22) 2-Butanone	4.703	43	1294565	425.344	ug/L	99
23) Bromochloromethane	4.973	128	380200	207.097	ug/L	98
25) Chloroform	5.086	83	1243473	194.847	ug/L	99
27) 1,2-Dichloroethane	5.793	62	976379	202.047	ug/L	99
29) Cyclohexane	5.388	56	1005434	258.299	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	967449	201.293	ug/L	99
31) Carbon tetrachloride	5.523	117	768442	198.292	ug/L	98
33) Benzene	5.774	78	2829824	217.490	ug/L	100
34) Trichloroethene	6.542	95	661402	216.774	ug/L	99
35) Methylcyclohexane	6.764	83	1037030	248.657	ug/L	98
37) 1,2-Dichloropropane	6.790	63	769282	204.772	ug/L	100
38) Bromodichloromethane	7.105	83	931794	198.702	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	1183816	239.990	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	2384077	469.105	ug/L	99
42) Toluene	7.970	91	2966213	227.449	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1096237	239.494	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	745403	201.992	ug/L	99
46) Tetrachloroethene	8.555	164	471308	212.546	ug/L	96
48) 2-Hexanone	8.687	43	1962734	462.078	ug/L	98
49) Dibromochloromethane	8.812	129	733161	197.847	ug/L	99
50) 1,2-Dibromoethane	8.925	107	798359	214.587	ug/L	99
51) Chlorobenzene	9.449	112	1811025	212.771	ug/L	98
52) Ethylbenzene	9.571	91	3104698	237.626	ug/L	100
53) m,p-Xylene	9.697	106	1174716	240.717	ug/L	99
54) o-Xylene	10.102	106	1196010	244.526	ug/L	99
55) Styrene	10.115	104	2045713	247.853	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	1345569	200.992	ug/L	99
59) Bromoform	10.291	173	541841	186.923	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	1030414	189.985	ug/L	100
61) Isopropylbenzene	10.484	105	2944325	228.318	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	2572148	245.237	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	2509188	245.673	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	1305953	208.394	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1305775	207.752	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	1366046	206.131	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	303693	215.912	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	915393	213.831	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	846238	245.868	ug/L	99
71) Naphthalene	14.089	128	3396197	290.862	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	918107	241.819	ug/L	100

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

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