

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050423.D
 Acq On : 24 Aug 2022 12:55
 Operator : SY/MD
 Sample : VSTD20011
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200011

Quant Time: Aug 25 04:26:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 04:23:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	397622	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	394914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	863105	238.132	ug/L	0.00
7) Chloroethane-d5	1.893	69	450452	167.195	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.559	63	1280644	210.232	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1267939	433.753	ug/L	0.00
24) Chloroform-d	5.060	84	1422524	227.146	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	864518	207.474	ug/L	0.00
32) Benzene-d6	5.726	84	2926462	231.265	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	948731	225.488	ug/L	0.00
41) Toluene-d8	7.899	98	2653788	239.119	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	439250	248.151	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	908201	496.426	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1504804	249.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	984409	240.127	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	571250	128.189	ug/L	100
3) Chloromethane	1.517	50	632176	128.153	ug/L	99
5) Vinyl chloride	1.601	62	648690	143.569	ug/L	100
6) Bromomethane	1.845	94	236774	116.394	ug/L	97
8) Chloroethane	1.912	64	293066	114.200	ug/L	100
9) Trichlorofluoromethane	2.125	101	832130	148.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	521215	174.036	ug/L	99
12) 1,1-Dichloroethene	2.572	96	476045	171.677	ug/L	99
13) Acetone	2.633	43	627084	245.379	ug/L	100
14) Carbon disulfide	2.784	76	1169400	130.077	ug/L	100
15) Methyl Acetate	2.948	43	690804	161.462	ug/L	99
16) Methylene chloride	3.038	84	613811	173.277	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	506103	167.227	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	1796071	176.162	ug/L	99
19) 1,1-Dichloroethane	3.864	63	1049966	166.874	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	639428	185.676	ug/L	100
22) 2-Butanone	4.703	43	1069659	307.529	ug/L	100
23) Bromochloromethane	4.970	128	320458	184.767	ug/L	98
25) Chloroform	5.086	83	1106376	173.307	ug/L	100
27) 1,2-Dichloroethane	5.793	62	828865	155.353	ug/L	99
29) Cyclohexane	5.385	56	840411	147.717	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	871246	158.592	ug/L	99
31) Carbon tetrachloride	5.523	117	710827	158.161	ug/L	100
33) Benzene	5.774	78	2396466	166.110	ug/L	100
34) Trichloroethene	6.542	95	572802	165.396	ug/L	99
35) Methylcyclohexane	6.761	83	907411	171.059	ug/L	97
37) 1,2-Dichloropropane	6.790	63	675351	169.065	ug/L	100
38) Bromodichloromethane	7.105	83	855354	171.306	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	1022642	191.084	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	2036545	322.906	ug/L	98
42) Toluene	7.970	91	2553802	177.419	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	948501	187.369	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	657277	183.413	ug/L	98
46) Tetrachloroethene	8.555	164	409652	169.411	ug/L	97
48) 2-Hexanone	8.690	43	1661444	325.098	ug/L	98
49) Dibromochloromethane	8.812	129	700238	194.096	ug/L	97
50) 1,2-Dibromoethane	8.925	107	681311	191.098	ug/L	100
51) Chlorobenzene	9.446	112	1592917	181.426	ug/L	98
52) Ethylbenzene	9.571	91	2772927	185.217	ug/L	98
53) m,p-Xylene	9.693	106	1041717	189.340	ug/L	99
54) o-Xylene	10.102	106	1050125	190.271	ug/L	100
55) Styrene	10.115	104	1856755	201.997	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	1254617	195.948	ug/L	99
59) Bromoform	10.291	173	545580	194.355	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	941198	172.221	ug/L	100
61) Isopropylbenzene	10.484	105	2731751	182.230	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	2353395	188.234	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	2348190	189.448	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1244070	187.064	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1248507	186.879	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1307145	188.352	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	277602	177.117	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	910093	197.321	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	820234	197.091	ug/L	99
71) Naphthalene	14.086	128	2993417	203.792	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	860568	197.387	ug/L	99

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

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