

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052623.D
 Acq On : 06 Jan 2023 12:23
 Operator : JC/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200065

Quant Time: Jan 07 00:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	348544	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	343291	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	201176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	759733	240.149	ug/L	0.00
7) Chloroethane-d5	1.912	69	562194	236.227	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	1249973	235.975	ug/L	0.00
21) 2-Butanone-d5	4.616	46	1068642	474.994	ug/L	0.00
24) Chloroform-d	5.060	84	1163864	212.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	767401	219.892	ug/L	0.00
32) Benzene-d6	5.726	84	2410774	223.019	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	831953	244.097	ug/L	0.00
41) Toluene-d8	7.896	98	2122883	221.818	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	390738	244.680	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	753447	458.232	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	1130544	221.925	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	793051	196.137	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	551821	180.473	ug/L	99
3) Chloromethane	1.520	50	757526	254.412	ug/L	98
5) Vinyl chloride	1.607	62	742846	247.708	ug/L	99
6) Bromomethane	1.858	94	353855	195.302	ug/L	99
8) Chloroethane	1.932	64	460746	249.306	ug/L	99
9) Trichlorofluoromethane	2.137	101	837312	197.118	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	497497	206.164	ug/L	100
12) 1,1-Dichloroethene	2.581	96	475539	210.574	ug/L	89
13) Acetone	2.629	43	824020	391.452	ug/L	98
14) Carbon disulfide	2.793	76	1427952	211.242	ug/L	99
15) Methyl Acetate	2.944	43	762943	272.497	ug/L	99
16) Methylene chloride	3.044	84	598261	210.751	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	506823	214.315	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1787668	251.902	ug/L	99
19) 1,1-Dichloroethane	3.867	63	1134410	252.308	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	594739	234.209	ug/L	100
22) 2-Butanone	4.697	43	1194448	493.147	ug/L	99
23) Bromochloromethane	4.970	128	280029	207.657	ug/L	99
25) Chloroform	5.083	83	1053938	220.452	ug/L	99
27) 1,2-Dichloroethane	5.790	62	867986	234.041	ug/L	100
29) Cyclohexane	5.388	56	1037837	284.744	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	859398	210.846	ug/L	99
31) Carbon tetrachloride	5.523	117	713827	203.820	ug/L	100
33) Benzene	5.771	78	2412494	237.001	ug/L	100
34) Trichloroethene	6.539	95	554122	213.266	ug/L	97
35) Methylcyclohexane	6.761	83	975245	243.165	ug/L	97
37) 1,2-Dichloropropane	6.787	63	695059	260.309	ug/L	99
38) Bromodichloromethane	7.102	83	829344	232.443	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	1058319	266.011	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	2198907	599.298	ug/L	98
42) Toluene	7.967	91	2430810	231.241	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	1010759	260.317	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	576283	219.960	ug/L	99
46) Tetrachloroethene	8.549	164	380702	196.300	ug/L	97
48) 2-Hexanone	8.681	43	1761312	570.779	ug/L	98
49) Dibromochloromethane	8.806	129	613634	214.918	ug/L	98
50) 1,2-Dibromoethane	8.918	107	597465	220.931	ug/L	99
51) Chlorobenzene	9.443	112	1502350	220.418	ug/L	98
52) Ethylbenzene	9.565	91	2706910	243.957	ug/L	100
53) m,p-Xylene	9.690	106	1017935	238.374	ug/L	99
54) o-xylene	10.095	106	1002000	245.805	ug/L	99
55) Styrene	10.111	104	1784964	247.636	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	1079268	233.716	ug/L	99
59) Bromoform	10.285	173	437020	189.294	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	846062	206.702	ug/L	100
61) Isopropylbenzene	10.481	105	2642619	226.657	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	2354733	242.273	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	2359542	243.543	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	1190986	203.063	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	1207510	197.527	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	1199330	203.201	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	253394	209.904	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	880369	198.417	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	804775	214.624	ug/L	99
71) Naphthalene	14.079	128	2724903	227.888	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	798820	209.969	ug/L	99

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

