

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052622.D
 Acq On : 06 Jan 2023 12:00
 Operator : JC/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100064

Quant Time: Jan 07 00:21:42 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	328582	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	325855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	186744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	368937	123.704	ug/L	0.00
7) Chloroethane-d5	1.912	69	284243	126.691	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	603150	120.783	ug/L	0.00
21) 2-Butanone-d5	4.616	46	494987	233.380	ug/L	0.00
24) Chloroform-d	5.060	84	572364	111.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	375041	113.993	ug/L	0.00
32) Benzene-d6	5.722	84	1169576	113.986	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	400182	123.697	ug/L	0.00
41) Toluene-d8	7.896	98	1027225	113.077	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	183009	120.732	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	334169	214.110	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	526153	108.810	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	365178	97.295	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	270574	93.867	ug/L	100
3) Chloromethane	1.520	50	378285	134.763	ug/L	99
5) Vinyl chloride	1.607	62	360727	127.595	ug/L	100
6) Bromomethane	1.858	94	171852	100.612	ug/L	98
8) Chloroethane	1.935	64	230462	132.277	ug/L	100
9) Trichlorofluoromethane	2.141	101	415908	103.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	246820	108.496	ug/L	99
12) 1,1-Dichloroethene	2.581	96	233524	109.689	ug/L	91
13) Acetone	2.626	43	427188	215.265	ug/L	100
14) Carbon disulfide	2.793	76	696578	109.307	ug/L	99
15) Methyl Acetate	2.944	43	373613	141.548	ug/L	99
16) Methylene chloride	3.044	84	294315	109.978	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	246576	110.602	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	840223	125.589	ug/L	99
19) 1,1-Dichloroethane	3.867	63	553317	130.541	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	285473	119.250	ug/L	99
22) 2-Butanone	4.697	43	576729	252.577	ug/L	100
23) Bromochloromethane	4.970	128	138252	108.750	ug/L	97
25) Chloroform	5.083	83	519085	115.173	ug/L	100
27) 1,2-Dichloroethane	5.790	62	430398	123.101	ug/L	100
29) Cyclohexane	5.388	56	489755	141.560	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	415782	107.467	ug/L	98
31) Carbon tetrachloride	5.523	117	348347	104.786	ug/L	99
33) Benzene	5.771	78	1184761	122.618	ug/L	100
34) Trichloroethene	6.539	95	264012	107.048	ug/L	99
35) Methylcyclohexane	6.761	83	464193	121.934	ug/L	98
37) 1,2-Dichloropropane	6.787	63	343800	135.647	ug/L	99
38) Bromodichloromethane	7.102	83	405107	119.616	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	490896	129.990	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	1032537	296.469	ug/L	98
42) Toluene	7.967	91	1180844	118.343	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	475772	129.090	ug/L	99

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45) 1,1,2-Trichloroethane	8.394	97	277219	111.473	ug/L	99
46) Tetrachloroethene	8.549	164	181734	98.721	ug/L	99
48) 2-Hexanone	8.677	43	828764	282.944	ug/L	98
49) Dibromochloromethane	8.806	129	291756	107.652	ug/L	99
50) 1,2-Dibromoethane	8.918	107	285135	111.079	ug/L	99
51) Chlorobenzene	9.443	112	712122	110.070	ug/L	98
52) Ethylbenzene	9.565	91	1279937	121.525	ug/L	100
53) m,p-Xylene	9.690	106	487540	120.278	ug/L	98
54) o-xylene	10.095	106	472788	122.188	ug/L	97
55) Styrene	10.108	104	847997	123.942	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	509817	116.308	ug/L	98
59) Bromoform	10.285	173	203941	95.163	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	403360	106.161	ug/L	100
61) Isopropylbenzene	10.481	105	1242677	114.821	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1089049	120.709	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1076214	119.668	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	557150	102.335	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	569441	100.349	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	561765	102.535	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	118188	105.470	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	398342	96.716	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	360940	103.698	ug/L	99
71) Naphthalene	14.079	128	1254137	112.991	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	374912	106.161	ug/L	99

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

