

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050422.D
 Acq On : 24 Aug 2022 12:13
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100010

Quant Time: Aug 25 04:25:36 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	360837	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	407854	123.999	ug/L	0.00
7) Chloroethane-d5	1.906	69	318408	130.232	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	586490	106.094	ug/L	0.00
21) 2-Butanone-d5	4.626	46	610557	230.160	ug/L	0.00
24) Chloroform-d	5.063	84	667489	117.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	409564	108.310	ug/L	0.00
32) Benzene-d6	5.726	84	1373957	119.506	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	440059	115.117	ug/L	0.00
41) Toluene-d8	7.899	98	1248565	123.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	195494	121.559	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	392871	236.358	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	683066	124.679	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	435652	119.779	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	263423	65.138	ug/L	99
3) Chloromethane	1.517	50	317115	70.838	ug/L	100
5) Vinyl chloride	1.600	62	300706	73.337	ug/L	99
6) Bromomethane	1.851	94	117425	63.609	ug/L	95
8) Chloroethane	1.928	64	191172	82.089	ug/L	98
9) Trichlorofluoromethane	2.134	101	383517	75.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	235235	86.553	ug/L	99
12) 1,1-Dichloroethene	2.578	96	214130	85.095	ug/L	98
13) Acetone	2.633	43	374870	161.641	ug/L	99
14) Carbon disulfide	2.790	76	530162	64.984	ug/L	100
15) Methyl Acetate	2.948	43	331150	85.290	ug/L	100
16) Methylene chloride	3.044	84	287304	89.373	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	230308	83.856	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	787629	85.127	ug/L	99
19) 1,1-Dichloroethane	3.867	63	481745	84.370	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	288184	92.213	ug/L	100
22) 2-Butanone	4.706	43	549222	174.000	ug/L	100
23) Bromochloromethane	4.973	128	147711	93.848	ug/L	98
25) Chloroform	5.089	83	517751	89.370	ug/L	99
27) 1,2-Dichloroethane	5.793	62	390377	80.627	ug/L	99
29) Cyclohexane	5.388	56	359963	69.638	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	391650	78.467	ug/L	100
31) Carbon tetrachloride	5.523	117	321338	78.695	ug/L	100
33) Benzene	5.774	78	1109577	84.650	ug/L	100
34) Trichloroethene	6.542	95	256539	81.531	ug/L	99
35) Methylcyclohexane	6.764	83	392834	81.508	ug/L	98
37) 1,2-Dichloropropane	6.790	63	311709	85.886	ug/L	99
38) Bromodichloromethane	7.105	83	394707	87.006	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	455672	93.713	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	954315	166.541	ug/L	99
42) Toluene	7.970	91	1170115	89.472	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	426755	92.787	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	307266	94.372	ug/L	98
46) Tetrachloroethene	8.555	164	186312	84.804	ug/L	99
48) 2-Hexanone	8.687	43	783680	168.778	ug/L	98
49) Dibromochloromethane	8.809	129	318536	97.180	ug/L	97
50) 1,2-Dibromoethane	8.925	107	309731	95.619	ug/L	100
51) Chlorobenzene	9.446	112	726813	91.112	ug/L	99
52) Ethylbenzene	9.571	91	1220218	89.707	ug/L	99
53) m,p-Xylene	9.693	106	465569	93.138	ug/L	100
54) o-Xylene	10.102	106	472037	94.136	ug/L	98
55) Styrene	10.115	104	830208	99.409	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	566440	97.371	ug/L	99
59) Bromoform	10.291	173	240672	96.636	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	429568	88.596	ug/L	100
61) Isopropylbenzene	10.484	105	1197550	90.042	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1017919	91.768	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	1009012	91.755	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	548728	92.999	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	545616	92.052	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	575325	93.441	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	124572	89.584	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	391368	95.642	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	339870	92.048	ug/L	98
71) Naphthalene	14.086	128	1282494	98.412	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	374227	96.748	ug/L	99

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

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