

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062666.D
 Acq On : 08 Jan 2025 11:30
 Operator : MD/SY
 Sample : VSTD10018
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100018

Quant Time: Jan 08 23:06:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 23:04:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	146367	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	139330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	76895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96942	96.525	ug/L	0.00
7) Chloroethane-d5	1.901	69	78887	106.754	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	198758	102.898	ug/L	0.00
21) 2-Butanone-d5	4.605	46	78414	123.628	ug/L	0.00
24) Chloroform-d	5.046	84	227590	106.057	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	155531	112.549	ug/L	0.00
32) Benzene-d6	5.714	84	390983	98.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	112630	91.554	ug/L	0.00
41) Toluene-d8	7.885	98	383816	104.182	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	70195	110.806	ug/L	0.00
47) 2-Hexanone-d5	8.618	63	77010	173.532	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	168321	94.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.180	152	155334	102.258	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	143110	102.200	ug/L	99
3) Chloromethane	1.518	50	91963	82.788	ug/L	97
5) Vinyl chloride	1.602	62	100930	86.744	ug/L	96
6) Bromomethane	1.840	94	76289	111.642	ug/L	100
8) Chloroethane	1.923	64	61368	91.552	ug/L	99
9) Trichlorofluoromethane	2.129	101	208943	111.729	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	99935	99.115	ug/L	99
12) 1,1-Dichloroethene	2.570	96	88655	96.714	ug/L	96
13) Acetone	2.612	43	76740	103.487	ug/L	99
14) Carbon disulfide	2.785	76	262103	94.822	ug/L	98
15) Methyl Acetate	2.933	43	77052	80.574	ug/L	98
16) Methylene chloride	3.033	84	98033	94.159	ug/L	100
17) trans-1,2-Dichloroethene	3.341	96	92392	97.776	ug/L	97
18) Methyl tert-butyl Ether	3.348	73	324742	101.235	ug/L	100
19) 1,1-Dichloroethane	3.853	63	167585	93.283	ug/L	98
20) cis-1,2-Dichloroethene	4.650	96	105991	98.606	ug/L	98
22) 2-Butanone	4.682	43	103907	128.096	ug/L	98
23) Bromochloromethane	4.959	128	57229	100.368	ug/L	98
25) Chloroform	5.071	83	202454	102.010	ug/L	99
27) 1,2-Dichloroethane	5.779	62	173704	108.304	ug/L	99
29) Cyclohexane	5.377	56	139250	90.736	ug/L	98
30) 1,1,1-Trichloroethane	5.303	97	198828	107.734	ug/L	99
31) Carbon tetrachloride	5.512	117	185302	112.278	ug/L	98
33) Benzene	5.759	78	381915	93.950	ug/L	100
34) Trichloroethene	6.531	95	113525	100.128	ug/L	98
35) Methylcyclohexane	6.753	83	163118	96.773	ug/L	98
37) 1,2-Dichloropropane	6.775	63	93926	88.478	ug/L	99
38) Bromodichloromethane	7.090	83	158563	105.708	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	175040	99.627	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	211415	163.684	ug/L	99
42) Toluene	7.959	91	429522	97.975	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	178738	108.634	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	102247	95.260	ug/L	99
46) Tetrachloroethene	8.541	164	89259	102.815	ug/L	98
48) 2-Hexanone	8.669	43	159338	149.280	ug/L	98
49) Dibromochloromethane	8.798	129	125885	109.052	ug/L	99
50) 1,2-Dibromoethane	8.910	107	118296	101.045	ug/L	99
51) Chlorobenzene	9.434	112	278731	99.578	ug/L	98
52) Ethylbenzene	9.560	91	502026	103.597	ug/L	100
53) m,p-Xylene	9.682	106	188698	105.287	ug/L	97
54) o-Xylene	10.087	106	180812	102.789	ug/L	99
55) Styrene	10.103	104	318510	107.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.769	83	163975	93.800	ug/L	97
59) Bromoform	10.277	173	106753	108.609	ug/L	100
60) 1,2,3-Trichloropropane	10.811	75	135583	88.918	ug/L	97
61) Isopropylbenzene	10.473	105	514706	100.171	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	456055	103.407	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	450653	106.475	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	242806	101.455	ug/L	99
65) 1,4-Dichlorobenzene	11.823	146	242868	99.799	ug/L	99
67) 1,2-Dichlorobenzene	12.200	146	238160	101.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	44106	100.495	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	173462	103.287	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	143942	102.295	ug/L	98
71) Naphthalene	14.077	128	389734	105.083	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	133923	100.184	ug/L	98

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

