

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010825\
 Data File : VU062667.D
 Acq On : 08 Jan 2025 11:53
 Operator : MD/SY
 Sample : VSTD20019
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200019

Quant Time: Jan 08 23:07:12 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	145457	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	140256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	80841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	194224	194.598	ug/L	0.00
7) Chloroethane-d5	1.898	69	155161	211.286	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	63	403874	210.395	ug/L	0.00
21) 2-Butanone-d5	4.605	46	156207	247.817	ug/L	0.00
24) Chloroform-d	5.045	84	462606	216.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	315093	229.442	ug/L	0.00
32) Benzene-d6	5.714	84	794975	199.792	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	226670	183.037	ug/L	0.00
41) Toluene-d8	7.885	98	776215	209.304	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.167	79	147615	231.479	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	168374	376.904	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	355694	198.127	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	328143	205.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	283794	203.935	ug/L	99
3) Chloromethane	1.518	50	186875	169.282	ug/L	97
5) Vinyl chloride	1.602	62	209436	181.126	ug/L	98
6) Bromomethane	1.833	94	161257	237.460	ug/L	100
8) Chloroethane	1.920	64	126295	189.593	ug/L	96
9) Trichlorofluoromethane	2.129	101	413247	222.359	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	199845	199.445	ug/L	99
12) 1,1-Dichloroethene	2.570	96	181854	199.626	ug/L	93
13) Acetone	2.611	43	163373	221.693	ug/L	100
14) Carbon disulfide	2.782	76	538504	196.036	ug/L	98
15) Methyl Acetate	2.933	43	162589	171.084	ug/L	100
16) Methylene chloride	3.029	84	201005	194.270	ug/L	98
17) trans-1,2-Dichloroethene	3.341	96	190706	203.081	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	684693	214.782	ug/L	99
19) 1,1-Dichloroethane	3.853	63	341638	191.355	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	217839	203.928	ug/L	98
22) 2-Butanone	4.679	43	222304	275.769	ug/L	98
23) Bromochloromethane	4.959	128	118875	209.787	ug/L	96
25) Chloroform	5.071	83	413333	209.568	ug/L	99
27) 1,2-Dichloroethane	5.779	62	350335	219.800	ug/L	99
29) Cyclohexane	5.373	56	277809	179.827	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	405221	218.117	ug/L	100
31) Carbon tetrachloride	5.512	117	376109	226.387	ug/L	99
33) Benzene	5.759	78	780570	190.750	ug/L	100
34) Trichloroethene	6.528	95	232286	203.522	ug/L	99
35) Methylcyclohexane	6.750	83	330633	194.860	ug/L	98
37) 1,2-Dichloropropane	6.775	63	188379	176.280	ug/L	99
38) Bromodichloromethane	7.090	83	322121	213.327	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	368572	208.395	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	447617	344.271	ug/L	98
42) Toluene	7.955	91	884098	200.333	ug/L	100
44) trans-1,3-Dichloropropene	8.196	75	374603	226.175	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	212870	197.014	ug/L	98
46) Tetrachloroethene	8.540	164	184556	211.181	ug/L	99
48) 2-Hexanone	8.672	43	350631	326.329	ug/L	98
49) Dibromochloromethane	8.798	129	270495	232.778	ug/L	96
50) 1,2-Dibromoethane	8.910	107	247074	209.649	ug/L	99
51) Chlorobenzene	9.434	112	583190	206.973	ug/L	99
52) Ethylbenzene	9.560	91	1042132	213.632	ug/L	100
53) m,p-Xylene	9.682	106	392894	217.774	ug/L	97
54) o-Xylene	10.090	106	381283	215.323	ug/L	100
55) Styrene	10.103	104	672078	225.506	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	344992	196.046	ug/L	97
59) Bromoform	10.277	173	232188	224.694	ug/L	99
60) 1,2,3-Trichloropropane	10.810	75	283260	176.699	ug/L	98
61) Isopropylbenzene	10.473	105	1065846	197.307	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	964426	208.003	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	963085	216.440	ug/L	99
64) 1,3-Dichlorobenzene	11.733	146	515699	204.963	ug/L	100
65) 1,4-Dichlorobenzene	11.823	146	516942	202.053	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	503084	203.593	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	96253	208.606	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	370680	209.945	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	315815	213.484	ug/L	99
71) Naphthalene	14.074	128	900655	230.988	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	295231	210.073	ug/L	97

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

