

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063701.D
 Acq On : 11 Nov 2025 12:34
 Operator : MD/SY
 Sample : VU1111WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

Quant Time: Nov 12 02:10:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.342	168	206430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	344189	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	317185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	174015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.670	65	148109	48.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.140%
35) Dibromofluoromethane	5.258	113	120836	50.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	7.872	98	418426	48.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	10.608	95	178780	49.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	22615	18.140	ug/l	100
3) Chloromethane	1.509	50	24108	19.436	ug/l	98
4) Vinyl Chloride	1.589	62	28323	18.471	ug/l	99
5) Bromomethane	1.837	94	22802	22.156	ug/l	98
6) Chloroethane	1.914	64	22675	19.554	ug/l	92
7) Trichlorofluoromethane	2.120	101	57363	19.552	ug/l	98
8) Diethyl Ether	2.355	74	23344	18.715	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.557	101	36757	19.718	ug/l	99
10) Methyl Iodide	2.699	142	34327	18.611	ug/l	97
11) Tert butyl alcohol	3.152	59	55506	78.015	ug/l	99
12) 1,1-Dichloroethene	2.557	96	31367	19.542	ug/l	99
13) Acrolein	2.464	56	3981	72.538	ug/l	93
14) Allyl chloride	2.898	41	55707	18.609	ug/l	100
15) Acrylonitrile	3.284	53	138936	95.351	ug/l	98
16) Acetone	2.602	43	168934	98.040	ug/l	99
17) Carbon Disulfide	2.769	76	38390	18.700	ug/l	98
18) Methyl Acetate	2.927	43	99895	19.638	ug/l	100
19) Methyl tert-butyl Ether	3.335	73	140706	19.428	ug/l	98
20) Methylene Chloride	3.017	84	41162	20.603	ug/l	98
21) trans-1,2-Dichloroethene	3.326	96	31946	19.385	ug/l	97
22) Diisopropyl ether	3.956	45	127518	19.340	ug/l #	76
23) Vinyl Acetate	3.927	43	398239	88.566	ug/l	99
24) 1,1-Dichloroethane	3.837	63	74825	19.677	ug/l	100
25) 2-Butanone	4.670	43	181842	86.606	ug/l	99
26) 2,2-Dichloropropane	4.631	77	59468	18.208	ug/l	100
27) cis-1,2-Dichloroethene	4.634	96	45580	18.931	ug/l	98
28) Bromochloromethane	4.940	49	37468	24.621	ug/l	100
29) Tetrahydrofuran	5.020	42	114065	93.362	ug/l	97
30) Chloroform	5.056	83	83215	19.974	ug/l	96
31) Cyclohexane	5.355	56	51898	20.356	ug/l #	96
32) 1,1,1-Trichloroethane	5.284	97	66322	19.400	ug/l	99
36) 1,1-Dichloropropene	5.496	75	45981	18.740	ug/l	98
37) Ethyl Acetate	4.779	43	59014	16.986	ug/l #	93
38) Carbon Tetrachloride	5.493	117	47067	17.748	ug/l	96
39) Methylcyclohexane	6.734	83	53373	19.160	ug/l	98
40) Benzene	5.744	78	151630	19.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.943	41	32472	17.984	ug/l	98
42) 1,2-Dichloroethane	5.763	62	62315	19.955	ug/l	99
43) Isopropyl Acetate	5.885	43	90667	17.805	ug/l	98
44) Trichloroethene	6.515	130	41145	18.522	ug/l	99
45) 1,2-Dichloropropane	6.763	63	39795	18.489	ug/l	96
46) Dibromomethane	6.888	93	31873	19.721	ug/l	97
47) Bromodichloromethane	7.078	83	61030	18.626	ug/l	99
48) Methyl methacrylate	6.936	41	46569	18.630	ug/l	95
49) 1,4-Dioxane	6.940	88	22410	338.401	ug/l	97
51) 4-Methyl-2-Pentanone	7.763	43	356350	91.446	ug/l	99
52) Toluene	7.943	92	100172	19.494	ug/l	98
53) t-1,3-Dichloropropene	8.187	75	48345	17.521	ug/l	99
54) cis-1,3-Dichloropropene	7.580	75	54220	17.533	ug/l	98
55) 1,1,2-Trichloroethane	8.374	97	46837	19.863	ug/l	98
56) Ethyl methacrylate	8.309	69	66589	19.138	ug/l	98
57) 1,3-Dichloropropane	8.547	76	74108	19.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.451	63	1625	38.841	ug/l #	77
59) 2-Hexanone	8.660	43	264920	91.276	ug/l	98
60) Dibromochloromethane	8.782	129	45437	18.397	ug/l	99
61) 1,2-Dibromoethane	8.898	107	43595	19.186	ug/l	100
64) Tetrachloroethene	8.525	164	39325	19.217	ug/l	97
65) Chlorobenzene	9.422	112	123982	20.004	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.506	131	40134	19.039	ug/l	99
67) Ethyl Benzene	9.544	91	206614	20.015	ug/l	99
68) m/p-Xylenes	9.669	106	151962	39.881	ug/l	98
69) o-Xylene	10.075	106	78277	19.908	ug/l	99
70) Styrene	10.091	104	126878	20.089	ug/l	99
71) Bromoform	10.264	173	30828	18.161	ug/l #	98
73) Isopropylbenzene	10.457	105	209796	19.190	ug/l	99
74) N-amyl acetate	10.303	43	63563	16.687	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.756	83	76910	18.319	ug/l	99
76) 1,2,3-Trichloropropane	10.795	75	79077	18.033	ug/l #	100
77) Bromobenzene	10.759	156	52663	19.146	ug/l	99
78) n-propylbenzene	10.882	91	241457	19.253	ug/l	100
79) 2-Chlorotoluene	10.959	91	154776	19.093	ug/l	99
80) 1,3,5-Trimethylbenzene	11.062	105	176411	19.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.522	75	12991	15.782	ug/l #	79
82) 4-Chlorotoluene	11.071	91	174234	18.914	ug/l	98
83) tert-Butylbenzene	11.393	119	184159	19.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.441	105	167736	18.646	ug/l	100
85) sec-Butylbenzene	11.618	105	230505	19.110	ug/l	99
86) p-Isopropyltoluene	11.769	119	181978	18.794	ug/l	98
87) 1,3-Dichlorobenzene	11.721	146	100449	19.437	ug/l	98
88) 1,4-Dichlorobenzene	11.811	146	103117	19.072	ug/l	98
89) n-Butylbenzene	12.184	91	157771	17.741	ug/l	100
90) Hexachloroethane	12.448	117	25110	16.998	ug/l	98
91) 1,2-Dichlorobenzene	12.187	146	99353	19.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	14665	17.047	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	56013	17.028	ug/l	99
94) Hexachlorobutadiene	13.991	225	30315	18.290	ug/l	99
95) Naphthalene	14.062	128	144172	16.179	ug/l	99
96) 1,2,3-Trichlorobenzene	14.303	180	52025	17.011	ug/l	97

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

