

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039310.D
 Acq On : 04 Nov 2025 13:12
 Operator : SY/MD
 Sample : VV1104WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1104WBSD01

Quant Time: Nov 05 00:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	706395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1110419	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1079972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	618050	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	504363	50.248	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.500%	
35) Dibromofluoromethane	4.500	113	439127	50.190	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.380%	
50) Toluene-d8	7.233	98	1562786	52.505	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	9.998	95	566888	53.478	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 106.960%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	142292	15.937	ug/l	99
3) Chloromethane	1.230	50	163201	17.557	ug/l	99
4) Vinyl Chloride	1.298	62	177522	16.740	ug/l	99
5) Bromomethane	1.500	94	130712	18.997	ug/l	96
6) Chloroethane	1.561	64	117164	18.599	ug/l	100
7) Trichlorofluoromethane	1.728	101	280464	17.312	ug/l	100
8) Diethyl Ether	1.918	74	101974	17.418	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	171938	17.724	ug/l	100
10) Methyl Iodide	2.198	142	177632	21.253	ug/l	100
11) Tert butyl alcohol	2.568	59	114504	58.864	ug/l	99
12) 1,1-Dichloroethene	2.082	96	157485	16.534	ug/l	99
13) Acrolein	2.011	56	45929	34.858	ug/l	96
14) Allyl chloride	2.359	41	255924	16.950	ug/l	99
15) Acrylonitrile	2.674	53	474435	82.243	ug/l	99
16) Acetone	2.117	43	446179	89.035	ug/l	99
17) Carbon Disulfide	2.252	76	457002	16.987	ug/l	100
18) Methyl Acetate	2.381	43	204155	15.696	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	525437	18.328	ug/l	100
20) Methylene Chloride	2.458	84	185551	19.477	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	170629	17.014	ug/l	98
22) Diisopropyl ether	3.214	45	516923	19.068	ug/l #	73
23) Vinyl Acetate	3.191	43	2240706	94.151	ug/l	100
24) 1,1-Dichloroethane	3.121	63	314272	17.304	ug/l	98
25) 2-Butanone	3.870	43	522681	85.148	ug/l	98
26) 2,2-Dichloropropane	3.812	77	263373	18.005	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	190586	18.980	ug/l	98
28) Bromochloromethane	4.146	49	136004	17.565	ug/l	100
29) Tetrahydrofuran	4.240	42	329172	83.868	ug/l	99
30) Chloroform	4.278	83	326914	17.651	ug/l	99
31) Cyclohexane	4.584	56	239964	18.140	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	290407	17.934	ug/l	99
36) 1,1-Dichloropropene	4.744	75	202551	18.432	ug/l	99
37) Ethyl Acetate	3.982	43	216252	16.809	ug/l	96
38) Carbon Tetrachloride	4.735	117	247835	18.511	ug/l	99
39) Methylcyclohexane	6.047	83	225379	17.945	ug/l	95
40) Benzene	5.011	78	664122	18.834	ug/l	100

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41) Methacrylonitrile	4.162	41	89193	17.353	ug/l	96
42) 1,2-Dichloroethane	5.040	62	224904	18.173	ug/l	99
43) Isopropyl Acetate	5.194	43	311494	18.494	ug/l	100
44) Trichloroethene	5.831	130	168787	19.034	ug/l	96
45) 1,2-Dichloropropane	6.088	63	158585	18.482	ug/l	99
46) Dibromomethane	6.227	93	129164	18.009	ug/l	97
47) Bromodichloromethane	6.426	83	261312	18.491	ug/l	99
48) Methyl methacrylate	6.301	41	131960	16.912	ug/l	97
49) 1,4-Dioxane	6.297	88	25908	199.594	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	1091455	93.404	ug/l	98
52) Toluene	7.310	92	425923	20.005	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	238584	19.318	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	268605	19.562	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	181167	18.844	ug/l	98
56) Ethyl methacrylate	7.715	69	208906	19.180	ug/l	99
57) 1,3-Dichloropropane	7.934	76	282261	19.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	610540	97.962	ug/l	100
59) 2-Hexanone	8.063	43	781191	91.062	ug/l	98
60) Dibromochloromethane	8.165	129	209660	18.652	ug/l	99
61) 1,2-Dibromoethane	8.275	107	189522	18.932	ug/l	100
64) Tetrachloroethene	7.895	164	149728	19.006	ug/l	98
65) Chlorobenzene	8.802	112	477053	18.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	173236	18.090	ug/l	100
67) Ethyl Benzene	8.937	91	714598	18.975	ug/l	99
68) m/p-Xylenes	9.063	106	599953	40.166	ug/l	99
69) o-Xylene	9.468	106	255191	19.346	ug/l	99
70) Styrene	9.487	104	473582	20.178	ug/l	100
71) Bromoform	9.654	173	145493	18.787	ug/l #	99
73) Isopropylbenzene	9.853	105	726176	19.349	ug/l	100
74) N-amyl acetate	9.725	43	262340	16.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	285417	16.560	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	208431	16.897	ug/l	98
77) Bromobenzene	10.140	156	194441	18.846	ug/l	99
78) n-propylbenzene	10.278	91	873113	19.173	ug/l	100
79) 2-Chlorotoluene	10.345	91	548766	19.518	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	628719	19.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	86319	17.672	ug/l	99
82) 4-Chlorotoluene	10.461	91	635854	19.676	ug/l	100
83) tert-Butylbenzene	10.789	119	565360	18.088	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	604279	19.501	ug/l	99
85) sec-Butylbenzene	11.011	105	730091	18.475	ug/l	99
86) p-Isopropyltoluene	11.165	119	623275	18.344	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	392721	19.084	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	413908	17.972	ug/l	99
89) n-Butylbenzene	11.580	91	544830	17.219	ug/l	99
90) Hexachloroethane	11.818	117	137751	16.396	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	355117	18.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56405	15.916	ug/l	95
93) 1,2,4-Trichlorobenzene	13.185	180	198152	18.149	ug/l	99
94) Hexachlorobutadiene	13.368	225	79422	14.366	ug/l	98
95) Naphthalene	13.422	128	609877	17.050	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	203858	17.965	ug/l	100

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

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