

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039246.D
 Acq On : 03 Oct 2025 13:29
 Operator : SY/MD
 Sample : VV1003WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBSD01

Quant Time: Oct 04 01:09:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	530712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	834883	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	807929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	328654	42.788	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	85.580%
35) Dibromofluoromethane	4.503	113	326044	48.578	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.160%
50) Toluene-d8	7.236	98	892549	45.278	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.560%
62) 4-Bromofluorobenzene	10.001	95	431498	53.172	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	138162	16.446	ug/l	97
3) Chloromethane	1.230	50	148206	16.433	ug/l	100
4) Vinyl Chloride	1.298	62	163797	16.965	ug/l	99
5) Bromomethane	1.497	94	115699	19.009	ug/l	98
6) Chloroethane	1.561	64	108471	17.788	ug/l	98
7) Trichlorofluoromethane	1.728	101	262214	18.758	ug/l	99
8) Diethyl Ether	1.921	74	98190	18.921	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.085	101	164380	19.763	ug/l	98
10) Methyl Iodide	2.198	142	175456	22.151	ug/l	99
11) Tert butyl alcohol	2.568	59	159087	97.996	ug/l	99
12) 1,1-Dichloroethene	2.082	96	150016	18.748	ug/l	95
13) Acrolein	2.015	56	17374	61.677	ug/l	99
14) Allyl chloride	2.362	41	257886	18.042	ug/l	95
15) Acrylonitrile	2.674	53	492695	94.675	ug/l	99
16) Acetone	2.121	43	474589	93.370	ug/l	97
17) Carbon Disulfide	2.253	76	388682	15.883	ug/l	98
18) Methyl Acetate	2.381	43	244952	21.524	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	521032	20.434	ug/l	96
20) Methylene Chloride	2.458	84	180046	20.156	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	160169	18.803	ug/l	95
22) Diisopropyl ether	3.217	45	513200	18.766	ug/l	85
23) Vinyl Acetate	3.191	43	2200657	91.989	ug/l	97
24) 1,1-Dichloroethane	3.117	63	307499	18.387	ug/l	98
25) 2-Butanone	3.870	43	575336	93.540	ug/l	97
26) 2,2-Dichloropropane	3.815	77	259507	17.501	ug/l	100
27) cis-1,2-Dichloroethene	3.825	96	184518	19.640	ug/l	95
28) Bromochloromethane	4.146	49	144451	19.566	ug/l	90
29) Tetrahydrofuran	4.240	42	355912	92.448	ug/l	96
30) Chloroform	4.281	83	318542	18.241	ug/l	98
31) Cyclohexane	4.584	56	222742	16.259	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	277703	18.368	ug/l	97
36) 1,1-Dichloropropene	4.748	75	188879	18.613	ug/l	99
37) Ethyl Acetate	3.982	43	219152	17.798	ug/l	98
38) Carbon Tetrachloride	4.738	117	233151	18.800	ug/l	99
39) Methylcyclohexane	6.047	83	208027	16.976	ug/l	96
40) Benzene	5.011	78	637793	19.301	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	93622	18.084	ug/l	95
42) 1,2-Dichloroethane	5.043	62	221588	19.138	ug/l	97
43) Isopropyl Acetate	5.198	43	327228	19.491	ug/l	98
44) Trichloroethene	5.834	130	154476	20.259	ug/l	99
45) 1,2-Dichloropropane	6.092	63	156695	19.078	ug/l	98
46) Dibromomethane	6.227	93	126461	20.117	ug/l	95
47) Bromodichloromethane	6.429	83	252593	19.436	ug/l	98
48) Methyl methacrylate	6.301	41	144785	19.024	ug/l	95
49) 1,4-Dioxane	6.294	88	44086	358.959	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	1164431	105.425	ug/l	99
52) Toluene	7.310	92	400377	20.898	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	241108	21.288	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	263751	21.095	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	175184	20.392	ug/l	98
56) Ethyl methacrylate	7.719	69	215210	21.095	ug/l	96
57) 1,3-Dichloropropane	7.937	76	274772	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	474541	88.830	ug/l	97
59) 2-Hexanone	8.066	43	835694	95.188	ug/l	99
60) Dibromochloromethane	8.169	129	202074	20.644	ug/l	100
61) 1,2-Dibromoethane	8.275	107	188087	21.409	ug/l	98
64) Tetrachloroethene	7.899	164	138188	20.420	ug/l	96
65) Chlorobenzene	8.805	112	454849	20.212	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	168298	20.697	ug/l	98
67) Ethyl Benzene	8.937	91	689222	20.232	ug/l	98
68) m/p-Xylenes	9.063	106	568873	43.267	ug/l	99
69) o-Xylene	9.468	106	254107	21.827	ug/l	96
70) Styrene	9.487	104	461186	19.600	ug/l	99
71) Bromoform	9.654	173	140950	22.191	ug/l	98
73) Isopropylbenzene	9.857	105	699688	20.047	ug/l	100
74) N-amyl acetate	9.725	43	275038	19.756	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.165	83	287626	18.809	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	205482	18.755	ug/l	98
77) Bromobenzene	10.140	156	187797	20.739	ug/l	96
78) n-propylbenzene	10.278	91	831093	19.554	ug/l	98
79) 2-Chlorotoluene	10.349	91	523752	20.594	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	591210	20.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	89087	19.521	ug/l	99
82) 4-Chlorotoluene	10.464	91	608970	20.650	ug/l	99
83) tert-Butylbenzene	10.789	119	550870	19.043	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	581871	20.660	ug/l	98
85) sec-Butylbenzene	11.011	105	722734	18.837	ug/l	100
86) p-Isopropyltoluene	11.165	119	610180	19.107	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	372185	20.309	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	391588	19.476	ug/l	99
89) n-Butylbenzene	11.580	91	559457	18.344	ug/l	99
90) Hexachloroethane	11.818	117	132512	16.851	ug/l	96
91) 1,2-Dichlorobenzene	11.567	146	345188	20.161	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56191	20.636	ug/l	91
93) 1,2,4-Trichlorobenzene	13.185	180	198726	20.248	ug/l	100
94) Hexachlorobutadiene	13.368	225	84439	16.557	ug/l	98
95) Naphthalene	13.426	128	632578	19.941	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	203723	20.295	ug/l	99

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

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