

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039269.D
 Acq On : 06 Oct 2025 13:24
 Operator : SY/MD
 Sample : VV1006WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBSD01

Quant Time: Oct 07 03:33:08 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	4.600	168	510158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	804738	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	787178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	481812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	329690	44.652	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.300%
35) Dibromofluoromethane	4.503	113	329944	51.000	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.000%
50) Toluene-d8	7.236	98	886744	46.669	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.340%
62) 4-Bromofluorobenzene	10.001	95	425366	54.380	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	108.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	132784	16.442	ug/l	100
3) Chloromethane	1.230	50	142779	16.469	ug/l	99
4) Vinyl Chloride	1.298	62	162006	17.455	ug/l	99
5) Bromomethane	1.497	94	100624	17.198	ug/l	100
6) Chloroethane	1.561	64	109213	18.697	ug/l	100
7) Trichlorofluoromethane	1.725	101	257329	19.150	ug/l	100
8) Diethyl Ether	1.921	74	100719	20.190	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	158081	19.771	ug/l	97
10) Methyl Iodide	2.198	142	140548	18.459	ug/l	99
11) Tert butyl alcohol	2.571	59	180055	115.381	ug/l	100
12) 1,1-Dichloroethene	2.085	96	148292	19.279	ug/l	89
13) Acrolein	2.015	56	10708	39.544	ug/l	94
14) Allyl chloride	2.359	41	247320	18.000	ug/l	95
15) Acrylonitrile	2.677	53	510999	102.148	ug/l	99
16) Acetone	2.121	43	452020	92.451	ug/l	98
17) Carbon Disulfide	2.256	76	392330	16.678	ug/l	100
18) Methyl Acetate	2.381	43	266041	24.319	ug/l	97
19) Methyl tert-butyl Ether	2.716	73	524720	21.408	ug/l	99
20) Methylene Chloride	2.458	84	180177	21.077	ug/l	91
21) trans-1,2-Dichloroethene	2.703	96	158494	19.356	ug/l	92
22) Diisopropyl ether	3.217	45	513432	19.531	ug/l	83
23) Vinyl Acetate	3.191	43	2196890	95.532	ug/l	97
24) 1,1-Dichloroethane	3.121	63	306903	19.091	ug/l	98
25) 2-Butanone	3.873	43	597088	100.988	ug/l	95
26) 2,2-Dichloropropane	3.812	77	249402	17.497	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	179512	19.877	ug/l	98
28) Bromochloromethane	4.146	49	157627	22.210	ug/l	90
29) Tetrahydrofuran	4.240	42	384538	103.908	ug/l	96
30) Chloroform	4.281	83	322047	19.185	ug/l	100
31) Cyclohexane	4.584	56	219941	16.701	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	278340	19.152	ug/l	97
36) 1,1-Dichloropropene	4.748	75	190869	19.514	ug/l	97
37) Ethyl Acetate	3.986	43	233781	19.697	ug/l	100
38) Carbon Tetrachloride	4.735	117	233251	19.512	ug/l	99
39) Methylcyclohexane	6.047	83	207959	17.606	ug/l	97
40) Benzene	5.011	78	639472	20.077	ug/l	99

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41) Methacrylonitrile	4.166	41	97675	19.417	ug/l	93
42) 1,2-Dichloroethane	5.043	62	223434	20.021	ug/l	100
43) Isopropyl Acetate	5.198	43	336603	20.800	ug/l	99
44) Trichloroethene	5.834	130	156729	21.324	ug/l	95
45) 1,2-Dichloropropane	6.092	63	163275	20.624	ug/l	98
46) Dibromomethane	6.230	93	128160	21.151	ug/l	96
47) Bromodichloromethane	6.429	83	254678	20.331	ug/l	97
48) Methyl methacrylate	6.301	41	147371	20.090	ug/l	94
49) 1,4-Dioxane	6.297	88	51119	431.815	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	1207618	113.431	ug/l	98
52) Toluene	7.310	92	397923	21.547	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	237449	21.751	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	261914	21.733	ug/l	96
55) 1,1,2-Trichloroethane	7.760	97	174230	21.041	ug/l	98
56) Ethyl methacrylate	7.719	69	214565	21.820	ug/l	97
57) 1,3-Dichloropropane	7.937	76	272812	20.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	437733	85.423	ug/l	97
59) 2-Hexanone	8.066	43	888055	104.703	ug/l	99
60) Dibromochloromethane	8.169	129	204120	21.634	ug/l	98
61) 1,2-Dibromoethane	8.275	107	186580	22.033	ug/l	98
64) Tetrachloroethene	7.895	164	135504	20.552	ug/l	99
65) Chlorobenzene	8.805	112	450537	20.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	166727	21.045	ug/l	98
67) Ethyl Benzene	8.937	91	690266	20.797	ug/l	99
68) m/p-Xylenes	9.063	106	567855	44.328	ug/l	99
69) o-Xylene	9.468	106	250673	22.100	ug/l	97
70) Styrene	9.487	104	465644	20.257	ug/l	98
71) Bromoform	9.654	173	140264	22.665	ug/l #	99
73) Isopropylbenzene	9.857	105	693081	19.833	ug/l	99
74) N-amyl acetate	9.725	43	280621	20.132	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	292522	19.104	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	217992	19.871	ug/l	97
77) Bromobenzene	10.143	156	188738	20.817	ug/l	94
78) n-propylbenzene	10.278	91	833525	19.587	ug/l	98
79) 2-Chlorotoluene	10.349	91	523096	20.542	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	595711	20.509	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	86421	18.912	ug/l	98
82) 4-Chlorotoluene	10.464	91	616121	20.866	ug/l	99
83) tert-Butylbenzene	10.789	119	561019	19.369	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	590051	20.924	ug/l	99
85) sec-Butylbenzene	11.011	105	723047	18.821	ug/l	98
86) p-Isopropyltoluene	11.169	119	615102	19.237	ug/l	98
87) 1,3-Dichlorobenzene	11.108	146	370608	20.197	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	397127	19.727	ug/l	99
89) n-Butylbenzene	11.580	91	571661	18.720	ug/l	99
90) Hexachloroethane	11.821	117	130785	16.610	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	348765	20.344	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	61195	22.482	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	201560	20.510	ug/l	97
94) Hexachlorobutadiene	13.368	225	83186	16.291	ug/l	97
95) Naphthalene	13.426	128	670956	21.124	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	209715	20.865	ug/l	99

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

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