

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039295.D
 Acq On : 21 Oct 2025 10:50
 Operator : SY/MD
 Sample : VV1021WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBSD01

Quant Time: Oct 24 04:38:44 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	620815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	961522	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	946126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	551113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	462640	52.445	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 104.880%	
35) Dibromofluoromethane	4.497	113	424402	56.018	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 112.040%	
50) Toluene-d8	7.233	98	1407505	54.610	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	9.998	95	539554	58.781	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 117.560%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	160411	20.443	ug/l	97
3) Chloromethane	1.230	50	159743	19.554	ug/l	98
4) Vinyl Chloride	1.298	62	177112	19.003	ug/l	100
5) Bromomethane	1.500	94	122233	20.214	ug/l	97
6) Chloroethane	1.561	64	115481	21.145	ug/l	98
7) Trichlorofluoromethane	1.725	101	280681	19.714	ug/l	99
8) Diethyl Ether	1.918	74	99298	19.299	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	171407	20.105	ug/l	99
10) Methyl Iodide	2.198	142	163383	22.243	ug/l	98
11) Tert butyl alcohol	2.564	59	167894	98.209	ug/l	99
12) 1,1-Dichloroethene	2.082	96	156823	18.734	ug/l	99
13) Acrolein	2.011	56	36257	30.584	ug/l	97
14) Allyl chloride	2.359	41	250072	18.845	ug/l	100
15) Acrylonitrile	2.674	53	476179	93.924	ug/l	99
16) Acetone	2.118	43	453223	104.580	ug/l	99
17) Carbon Disulfide	2.253	76	429127	18.149	ug/l	99
18) Methyl Acetate	2.378	43	286305	25.047	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	501505	19.904	ug/l	97
20) Methylene Chloride	2.455	84	180012	21.741	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	164932	18.713	ug/l	98
22) Diisopropyl ether	3.214	45	485188	20.365	ug/l	82
23) Vinyl Acetate	3.188	43	1973965	94.377	ug/l	100
24) 1,1-Dichloroethane	3.117	63	306124	19.179	ug/l	100
25) 2-Butanone	3.867	43	543148	100.680	ug/l	99
26) 2,2-Dichloropropane	3.809	77	255045	19.839	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	173193	19.626	ug/l	98
28) Bromochloromethane	4.143	49	140338	20.623	ug/l	99
29) Tetrahydrofuran	4.236	42	334352	96.931	ug/l	99
30) Chloroform	4.278	83	320626	19.698	ug/l	100
31) Cyclohexane	4.584	56	228406	19.647	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	276302	19.415	ug/l	98
36) 1,1-Dichloropropene	4.744	75	197791	20.786	ug/l	98
37) Ethyl Acetate	3.979	43	202806	18.205	ug/l	# 90
38) Carbon Tetrachloride	4.735	117	239667	20.673	ug/l	98
39) Methylcyclohexane	6.047	83	213854	19.664	ug/l	99
40) Benzene	5.008	78	635914	20.826	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	83811	18.687	ug/l	92
42) 1,2-Dichloroethane	5.040	62	213897	19.960	ug/l	100
43) Isopropyl Acetate	5.191	43	303322	20.798	ug/l	98
44) Trichloroethene	5.831	130	155162	20.207	ug/l	99
45) 1,2-Dichloropropane	6.088	63	153960	20.721	ug/l	99
46) Dibromomethane	6.227	93	124644	20.070	ug/l	97
47) Bromodichloromethane	6.426	83	250558	20.476	ug/l	99
48) Methyl methacrylate	6.297	41	126326	18.697	ug/l	96
49) 1,4-Dioxane	6.288	88	48024	427.267	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	1097736	108.489	ug/l	98
52) Toluene	7.307	92	400640	21.731	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	225493	21.085	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	254757	21.427	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	170757	20.512	ug/l	99
56) Ethyl methacrylate	7.715	69	193252	20.490	ug/l	99
57) 1,3-Dichloropropane	7.934	76	267636	21.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	590620	108.448	ug/l	99
59) 2-Hexanone	8.063	43	804924	108.358	ug/l	97
60) Dibromochloromethane	8.165	129	200303	20.579	ug/l	96
61) 1,2-Dibromoethane	8.272	107	181376	20.924	ug/l	99
64) Tetrachloroethene	7.895	164	140462	20.352	ug/l	98
65) Chlorobenzene	8.805	112	444986	19.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	169144	20.161	ug/l	99
67) Ethyl Benzene	8.937	91	669532	20.293	ug/l	99
68) m/p-Xylenes	9.063	106	566603	43.300	ug/l	99
69) o-Xylene	9.468	106	240480	20.810	ug/l	98
70) Styrene	9.487	104	451430	21.955	ug/l	100
71) Bromoform	9.654	173	143636	21.171	ug/l #	98
73) Isopropylbenzene	9.854	105	682460	20.393	ug/l	99
74) N-amyl acetate	9.725	43	248387	18.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	287375	18.699	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	202480	18.408	ug/l	95
77) Bromobenzene	10.140	156	184723	20.079	ug/l	98
78) n-propylbenzene	10.278	91	833111	20.516	ug/l	99
79) 2-Chlorotoluene	10.349	91	524305	20.913	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	597417	21.285	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	82841	19.020	ug/l	95
82) 4-Chlorotoluene	10.461	91	622520	21.603	ug/l	99
83) tert-Butylbenzene	10.789	119	550972	19.769	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	583142	21.105	ug/l	99
85) sec-Butylbenzene	11.011	105	726369	20.613	ug/l	99
86) p-Isopropyltoluene	11.165	119	626106	20.665	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	373746	20.367	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	390783	19.029	ug/l	97
89) n-Butylbenzene	11.580	91	557387	19.755	ug/l	98
90) Hexachloroethane	11.818	117	139093	18.566	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	346517	19.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	55574	17.586	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	198315	20.370	ug/l	98
94) Hexachlorobutadiene	13.368	225	94843	19.239	ug/l	98
95) Naphthalene	13.426	128	603359	18.916	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	204598	20.220	ug/l	98

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

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