

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039294.D
 Acq On : 21 Oct 2025 10:19
 Operator : SY/MD
 Sample : VV1021WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBS01

Quant Time: Oct 24 04:37:48 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	4.600	168	618400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	944374	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	931152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	566393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	463825	52.785	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 105.560%	
35) Dibromofluoromethane	4.500	113	422487	56.778	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 113.560%	
50) Toluene-d8	7.236	98	1427368	56.387	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 112.780%#	
62) 4-Bromofluorobenzene	9.998	95	541163	60.027	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 120.060%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	160798	20.573	ug/l	100
3) Chloromethane	1.230	50	158264	19.449	ug/l	100
4) Vinyl Chloride	1.298	62	175536	18.908	ug/l	98
5) Bromomethane	1.497	94	124375	20.648	ug/l	100
6) Chloroethane	1.561	64	117356	21.620	ug/l	97
7) Trichlorofluoromethane	1.728	101	281555	19.852	ug/l	100
8) Diethyl Ether	1.918	74	96583	18.845	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	173299	20.407	ug/l	99
10) Methyl Iodide	2.198	142	157005	21.458	ug/l	99
11) Tert butyl alcohol	2.564	59	154636	90.807	ug/l	100
12) 1,1-Dichloroethene	2.085	96	157005	18.829	ug/l	100
13) Acrolein	2.011	56	32482	26.788	ug/l	98
14) Allyl chloride	2.359	41	248093	18.769	ug/l	100
15) Acrylonitrile	2.674	53	467258	92.525	ug/l	100
16) Acetone	2.118	43	460243	106.824	ug/l	99
17) Carbon Disulfide	2.256	76	427029	18.131	ug/l	99
18) Methyl Acetate	2.381	43	270895	23.791	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	488377	19.459	ug/l	97
20) Methylene Chloride	2.458	84	182319	22.144	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	166670	18.984	ug/l	97
22) Diisopropyl ether	3.217	45	473116	19.936	ug/l	92
23) Vinyl Acetate	3.191	43	1927124	92.497	ug/l	99
24) 1,1-Dichloroethane	3.121	63	309775	19.484	ug/l	98
25) 2-Butanone	3.867	43	525577	97.803	ug/l	99
26) 2,2-Dichloropropane	3.812	77	255123	19.922	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	174328	19.831	ug/l	99
28) Bromochloromethane	4.146	49	139121	20.524	ug/l	100
29) Tetrahydrofuran	4.240	42	322211	93.776	ug/l	99
30) Chloroform	4.281	83	320314	19.756	ug/l	98
31) Cyclohexane	4.584	56	222554	19.218	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	284488	20.068	ug/l	99
36) 1,1-Dichloropropene	4.748	75	187920	20.107	ug/l	99
37) Ethyl Acetate	3.979	43	198292	18.123	ug/l #	92
38) Carbon Tetrachloride	4.735	117	242611	21.307	ug/l	99
39) Methylcyclohexane	6.047	83	214116	20.046	ug/l	98
40) Benzene	5.011	78	627519	20.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	81621	18.543	ug/l	93
42) 1,2-Dichloroethane	5.040	62	215234	20.449	ug/l	100
43) Isopropyl Acetate	5.195	43	284933	19.891	ug/l	98
44) Trichloroethene	5.834	130	155769	20.655	ug/l	100
45) 1,2-Dichloropropane	6.092	63	161974	22.196	ug/l	96
46) Dibromomethane	6.227	93	123867	20.307	ug/l	98
47) Bromodichloromethane	6.429	83	249306	20.744	ug/l	99
48) Methyl methacrylate	6.301	41	128698	19.394	ug/l	99
49) 1,4-Dioxane	6.294	88	45045	408.040	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	1071096	107.778	ug/l	98
52) Toluene	7.310	92	402911	22.251	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	221242	21.063	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	249505	21.366	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	176009	21.527	ug/l	98
56) Ethyl methacrylate	7.715	69	189344	20.440	ug/l	99
57) 1,3-Dichloropropane	7.934	76	263789	21.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	602035	112.231	ug/l	100
59) 2-Hexanone	8.066	43	790155	108.301	ug/l	97
60) Dibromochloromethane	8.166	129	203919	21.330	ug/l	99
61) 1,2-Dibromoethane	8.275	107	180277	21.175	ug/l	100
64) Tetrachloroethene	7.899	164	141333	20.808	ug/l	97
65) Chlorobenzene	8.805	112	461773	20.948	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	168738	20.436	ug/l	99
67) Ethyl Benzene	8.937	91	669967	20.633	ug/l	100
68) m/p-Xylenes	9.063	106	568387	44.135	ug/l	99
69) o-Xylene	9.468	106	239357	21.046	ug/l	99
70) Styrene	9.487	104	449454	22.210	ug/l	99
71) Bromoform	9.654	173	141732	21.226	ug/l #	96
73) Isopropylbenzene	9.857	105	683745	19.880	ug/l	100
74) N-amyl acetate	9.725	43	242661	17.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	283231	17.932	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	200903	17.772	ug/l	97
77) Bromobenzene	10.140	156	186750	19.751	ug/l	98
78) n-propylbenzene	10.278	91	837782	20.075	ug/l	100
79) 2-Chlorotoluene	10.349	91	519265	20.153	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	604901	20.970	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	84780	18.940	ug/l	98
82) 4-Chlorotoluene	10.464	91	621142	20.973	ug/l	99
83) tert-Butylbenzene	10.789	119	556158	19.417	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	582302	20.506	ug/l	99
85) sec-Butylbenzene	11.011	105	728693	20.121	ug/l	100
86) p-Isopropyltoluene	11.165	119	626817	20.131	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	378859	20.089	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	400476	18.975	ug/l	98
89) n-Butylbenzene	11.580	91	565858	19.514	ug/l	98
90) Hexachloroethane	11.818	117	142743	18.540	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	343382	19.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	55854	17.198	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	192533	19.243	ug/l	99
94) Hexachlorobutadiene	13.368	225	96707	19.088	ug/l	98
95) Naphthalene	13.426	128	583507	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	204790	19.693	ug/l	99

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

