

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039332.D
 Acq On : 05 Nov 2025 13:17
 Operator : SY/MD
 Sample : VV1105WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1105WBSD01

Quant Time: Nov 06 00:13:35 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	690271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1108460	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1064992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	609759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	510203	52.017	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 104.040%	
35) Dibromofluoromethane	4.500	113	449490	51.465	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.940%	
50) Toluene-d8	7.233	98	1597836	53.777	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	9.998	95	572225	54.077	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 108.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	146220	16.760	ug/l	99
3) Chloromethane	1.230	50	159751	17.587	ug/l	99
4) Vinyl Chloride	1.298	62	185810	17.931	ug/l	100
5) Bromomethane	1.500	94	120570	17.932	ug/l	99
6) Chloroethane	1.561	64	129893	21.418	ug/l	97
7) Trichlorofluoromethane	1.725	101	291748	18.429	ug/l	99
8) Diethyl Ether	1.918	74	108799	19.018	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	181308	19.127	ug/l	98
10) Methyl Iodide	2.198	142	149055	18.251	ug/l	99
11) Tert butyl alcohol	2.565	59	166736	87.718	ug/l	100
12) 1,1-Dichloroethene	2.085	96	167515	17.998	ug/l	99
13) Acrolein	2.011	56	60142	49.139	ug/l	92
14) Allyl chloride	2.359	41	274082	18.576	ug/l	99
15) Acrylonitrile	2.674	53	527167	93.519	ug/l	99
16) Acetone	2.118	43	509330	105.816	ug/l	99
17) Carbon Disulfide	2.253	76	477677	18.170	ug/l	100
18) Methyl Acetate	2.381	43	216186	17.009	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	556630	19.869	ug/l	99
20) Methylene Chloride	2.458	84	198518	21.545	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	182287	18.601	ug/l	97
22) Diisopropyl ether	3.214	45	550110	20.767	ug/l #	74
23) Vinyl Acetate	3.188	43	2413916	103.799	ug/l	99
24) 1,1-Dichloroethane	3.121	63	338212	19.057	ug/l	100
25) 2-Butanone	3.867	43	600600	100.127	ug/l	98
26) 2,2-Dichloropropane	3.812	77	278230	19.465	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	195363	19.910	ug/l	99
28) Bromochloromethane	4.146	49	150914	19.946	ug/l	99
29) Tetrahydrofuran	4.237	42	379687	98.999	ug/l	98
30) Chloroform	4.278	83	348726			

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	98163	18.958	ug/l	95
42) 1,2-Dichloroethane	5.040	62	238922	19.340	ug/l	100
43) Isopropyl Acetate	5.195	43	341886	20.334	ug/l	100
44) Trichloroethene	5.835	130	172679	19.508	ug/l	99
45) 1,2-Dichloropropane	6.092	63	178359	20.823	ug/l	100
46) Dibromomethane	6.227	93	139548	19.492	ug/l	99
47) Bromodichloromethane	6.426	83	275844	19.554	ug/l	99
48) Methyl methacrylate	6.298	41	146512	18.810	ug/l	97
49) 1,4-Dioxane	6.291	88	52005	401.352	ug/l	93
51) 4-Methyl-2-Pentanone	7.146	43	1223731	104.909	ug/l	97
52) Toluene	7.307	92	451768	21.256	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	255657	20.737	ug/l	100
54) cis-1,3-Dichloropropene	6.950	75	285977	20.864	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	194718	20.290	ug/l	99
56) Ethyl methacrylate	7.715	69	224114	20.612	ug/l	98
57) 1,3-Dichloropropane	7.934	76	297149	20.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	654835	104.624	ug/l	99
59) 2-Hexanone	8.063	43	904520	105.624	ug/l	96
60) Dibromochloromethane	8.166	129	224625	20.018	ug/l	99
61) 1,2-Dibromoethane	8.272	107	201318	20.146	ug/l	99
64) Tetrachloroethene	7.896	164	155960	20.075	ug/l	97
65) Chlorobenzene	8.802	112	505581	20.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	186681	19.768	ug/l	98
67) Ethyl Benzene	8.937	91	757371	20.394	ug/l	99
68) m/p-Xylenes	9.063	106	635807	43.166	ug/l	98
69) o-Xylene	9.468	106	277840	21.360	ug/l	99
70) Styrene	9.487	104	510503	22.057	ug/l	99
71) Bromoform	9.654	173	150752	19.740	ug/l #	99
73) Isopropylbenzene	9.854	105	778623	21.028	ug/l	100
74) N-amyl acetate	9.725	43	291290	19.092	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.166	83	307667	18.094	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	227760	18.715	ug/l	95
77) Bromobenzene	10.140	156	207064	20.342	ug/l	99
78) n-propylbenzene	10.278	91	934818	20.807	ug/l	100
79) 2-Chlorotoluene	10.346	91	590696	21.295	ug/l	99
80) 1,3,5-Trimethylbenzene	10.465	105	672243	21.647	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	92394	19.173	ug/l	99
82) 4-Chlorotoluene	10.461	91	686682	21.537	ug/l	99
83) tert-Butylbenzene	10.789	119	614811	19.938	ug/l	99
84) 1,2,4-Trimethylbenzene	10.838	105	659676	21.578	ug/l	100
85) sec-Butylbenzene	11.011	105	801575	20.560	ug/l	100
86) p-Isopropyltoluene	11.165	119	693353	20.684	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	407017	20.047	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	436065	19.191	ug/l	99
89) n-Butylbenzene	11.580	91	615426	19.714	ug/l	99
90) Hexachloroethane	11.818	117	15230			

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

