

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039043.D
 Acq On : 11 Sep 2025 13:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV230

Quant Time: Sep 12 01:56:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:49:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	914309	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	915090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	460393	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	387746	46.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.340%		
7) Chloroethane-d5	1.542	69	318023	47.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.740%		
11) 1,1-Dichloroethene-d2	2.069	65	175988	48.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.160%		
21) 2-Butanone-d5	3.786	46	379075	115.011	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.010%		
24) Chloroform-d	4.249	84	699288	50.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
26) 1,2-Dichloroethane-d4	4.937	65	412697	50.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.180%		
32) Benzene-d6	4.957	84	1331287	50.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.360%		
36) 1,2-Dichloropropane-d6	5.982	67	411342	47.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.780%		
41) Toluene-d8	7.233	98	1300269	52.502	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.000%		
43) trans-1,3-Dichloroprop...	7.545	79	228325	55.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	111.320%		
47) 2-Hexanone-d5	8.011	63	311398	126.025	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	126.020%		
56) 1,1,2,2-Tetrachloroeth...	10.140	84	618607	50.047	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.100%		
66) 1,2-Dichlorobenzene-d4	11.548	152	437790	50.630	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.260%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	315301	45.382	ug/L	100
3) Chloromethane	1.227	50	353962	45.429	ug/L	98
5) Vinyl chloride	1.294	62	396079	44.204	ug/L	99
6) Bromomethane	1.497	94	238477	47.776	ug/L	99
8) Chloroethane	1.561	64	262084	46.011	ug/L	98
9) Trichlorofluoromethane	1.725	101	577707	45.732	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	355928	44.932	ug/L	100
12) 1,1-Dichloroethene	2.079	96	324027	46.061	ug/L	98
13) Acetone	2.117	43	483317	79.648	ug/L	100
14) Carbon disulfide	2.249	76	976846	42.436	ug/L	99
15) Methyl Acetate	2.378	43	395386	50.108	ug/L	98
16) Methylene chloride	2.455	84	365612	47.221	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	338514	48.355	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	1087132	54.186	ug/L	100
19) 1,1-Dichloroethane	3.117	63	618323	47.484	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	380885	50.915	ug/L	99
22) 2-Butanone	3.860	43	528470	103.168	ug/L	100
23) Bromochloromethane	4.149	128	201082	49.131	ug/L	98
25) Chloroform	4.275	83	654605	47.091	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	494553	48.857	ug/L	98
29) Cyclohexane	4.580	56	557821	49.065	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	563650	45.694	ug/L	100
31) Carbon tetrachloride	4.735	117	497196	45.313	ug/L	99
33) Benzene	5.008	78	1394867	48.893	ug/L	100
34) Trichloroethene	5.828	95	363246	46.977	ug/L	97
35) Methylcyclohexane	6.047	83	600012	48.491	ug/L	99
37) 1,2-Dichloropropane	6.085	63	373610	48.938	ug/L	100
38) Bromodichloromethane	6.426	83	509701	47.428	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	662266	54.412	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	1183557	122.171	ug/L	98
42) Toluene	7.307	91	1577259	50.182	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	639294	54.483	ug/L	99
45) 1,1,2-Trichloroethane	7.757	97	413329	51.143	ug/L	97
46) Tetrachloroethene	7.895	164	272013	45.352	ug/L	96
48) 2-Hexanone	8.063	43	910367	134.733	ug/L	98
49) Dibromochloromethane	8.165	129	420494	49.222	ug/L	99
50) 1,2-Dibromoethane	8.271	107	431932	51.175	ug/L	100
51) Chlorobenzene	8.802	112	1008600	49.392	ug/L	98
52) Ethylbenzene	8.934	91	1668848	50.461	ug/L	99
53) m,p-Xylene	9.062	106	611385	48.311	ug/L	98
54) o-Xylene	9.468	106	594616	50.730	ug/L	98
55) Styrene	9.484	104	1077102	52.029	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	632624	48.541	ug/L	100
59) Bromoform	9.654	173	305765	49.283	ug/L	99
60) Isopropylbenzene	9.857	105	1598480	50.447	ug/L	99
61) 1,2,3-Trichloropropane	10.194	75	475321	49.130	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	1285724	51.879	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1278797	52.062	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	740928	49.118	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	780339	48.325	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	736742	48.833	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	134689	49.582	ug/L	99
69) 1,3,5-Trichlorobenzene	12.570	180	491780	50.501	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	427590	50.502	ug/L	100
71) Naphthalene	13.422	128	1629431	57.564	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	468150	53.257	ug/L	100

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

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