

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111725\
 Data File : VV039390.D
 Acq On : 17 Nov 2025 14:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

Quant Time: Nov 18 01:26:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:21:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	1168251	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1166384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	688646	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	505180	44.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.740%
7) Chloroethane-d5	1.545	69	381155	44.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	2.069	65	213359	44.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.040%
21) 2-Butanone-d5	3.783	46	565844	94.125	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.120%
24) Chloroform-d	4.249	84	866988	45.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
26) 1,2-Dichloroethane-d4	4.937	65	541324	46.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
32) Benzene-d6	4.957	84	1655478	47.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	5.982	67	507096	46.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	7.233	98	1573273	48.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	7.542	79	264194	48.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.460%
47) 2-Hexanone-d5	8.011	63	411540	99.215	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.210%
56) 1,1,2,2-Tetrachloroeth...	10.140	84	736918	46.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.860%
66) 1,2-Dichlorobenzene-d4	11.545	152	618473	47.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	381196	46.509	ug/L	99
3) Chloromethane	1.230	50	415678	46.263	ug/L	99
5) Vinyl chloride	1.298	62	463748	45.807	ug/L	100
6) Bromomethane	1.497	94	273816	48.562	ug/L	97
8) Chloroethane	1.561	64	299239	44.905	ug/L	95
9) Trichlorofluoromethane	1.725	101	747104	45.618	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	449020	45.121	ug/L	99
12) 1,1-Dichloroethene	2.082	96	390465	45.573	ug/L	93
13) Acetone	2.118	43	697316	85.680	ug/L	98
14) Carbon disulfide	2.253	76	1107367	45.536	ug/L	100
15) Methyl Acetate	2.378	43	520821	49.247	ug/L	100
16) Methylene chloride	2.455	84	470385	46.872	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	429711	48.099	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	1370812	50.263	ug/L	99
19) 1,1-Dichloroethane	3.118	63	829458	46.845	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	472651	49.126	ug/L	99
22) 2-Butanone	3.860	43	760345	93.913	ug/L	97
23) Bromochloromethane	4.150	128	269479	47.429	ug/L	97
25) Chloroform	4.275	83	892827	46.177	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	681316	47.811	ug/L	100
29) Cyclohexane	4.584	56	704303	51.011	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	783068	47.461	ug/L	98
31) Carbon tetrachloride	4.735	117	702593	46.263	ug/L	100
33) Benzene	5.008	78	1806493	49.604	ug/L	100
34) Trichloroethene	5.828	95	475023	48.280	ug/L	99
35) Methylcyclohexane	6.043	83	724775	50.126	ug/L	99
37) 1,2-Dichloropropane	6.085	63	493446	47.912	ug/L	99
38) Bromodichloromethane	6.423	83	680728	47.545	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	807389	50.910	ug/L	100
40) 4-Methyl-2-pentanone	7.143	43	1406192	108.602	ug/L	100
42) Toluene	7.307	91	1955344	50.663	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	780308	51.040	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	510398	47.647	ug/L	99
46) Tetrachloroethene	7.896	164	431058	47.694	ug/L	99
48) 2-Hexanone	8.059	43	1131293	104.584	ug/L	98
49) Dibromochloromethane	8.166	129	587388	48.000	ug/L	98
50) 1,2-Dibromoethane	8.272	107	550053	47.666	ug/L	99
51) Chlorobenzene	8.802	112	1325936	47.927	ug/L	100
52) Ethylbenzene	8.934	91	2142230	51.062	ug/L	100
53) m,p-Xylene	9.059	106	845325	52.641	ug/L	100
54) o-Xylene	9.465	106	796020	51.875	ug/L	100
55) Styrene	9.484	104	1460308	54.113	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.162	83	825820	47.979	ug/L	97
59) Bromoform	9.651	173	491363	46.621	ug/L	99
60) Isopropylbenzene	9.854	105	2165272	51.658	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	634138	47.226	ug/L	100
62) 1,3,5-Trimethylbenzene	10.465	105	1721700	52.596	ug/L	99
63) 1,2,4-Trimethylbenzene	10.838	105	1723421	53.544	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	1114512	48.840	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	1168113	47.513	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	1096952	48.133	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	176409	46.795	ug/L	99
69) 1,3,5-Trichlorobenzene	12.567	180	795248	48.925	ug/L	100
70) 1,2,4-trichlorobenzene	13.181	180	708137	49.997	ug/L	99
71) Naphthalene	13.423	128	2118705	53.128	ug/L	100
72) 1,2,3-Trichlorobenzene	13.664	180	752067	51.251	ug/L	100

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

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