

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060925\
 Data File : VV038768.D
 Acq On : 09 Jun 2025 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV224

Quant Time: Jun 10 09:09:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060925WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 10 09:06:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	613058	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	621652	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	337728	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	228271	44.773	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.540%	
7) Chloroethane-d5	1.542	69	209994	44.997	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.069	65	109979	43.827	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.660%	
21) 2-Butanone-d5	3.786	46	414581	104.267	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.270%	
24) Chloroform-d	4.253	84	504999	46.494	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.980%	
26) 1,2-Dichloroethane-d4	4.941	65	298019	46.999	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.000%	
32) Benzene-d6	4.960	84	960795	48.985	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.980%	
36) 1,2-Dichloropropane-d6	5.986	67	311620	47.836	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.680%	
41) Toluene-d8	7.236	98	869657	50.212	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.420%	
43) trans-1,3-Dichloroprop...	7.545	79	145307	51.148	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	102.300%	
47) 2-Hexanone-d5	8.014	63	296975	109.881	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	109.880%	
56) 1,1,2,2-Tetrachloroeth...	10.140	84	465858	48.197	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	11.548	152	307246	46.876	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	319207	44.317	ug/L	99
3) Chloromethane	1.227	50	322202	44.258	ug/L	99
5) Vinyl chloride	1.294	62	337775	44.889	ug/L	100
6) Bromomethane	1.494	94	176739	47.295	ug/L	100
8) Chloroethane	1.558	64	208474	46.134	ug/L	99
9) Trichlorofluoromethane	1.725	101	446158	44.938	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	262575	44.688	ug/L	99
12) 1,1-Dichloroethene	2.079	96	237257	44.789	ug/L	93
13) Acetone	2.118	43	281526	105.001	ug/L	95
14) Carbon disulfide	2.249	76	734202	45.345	ug/L	99
15) Methyl Acetate	2.381	43	346952	48.724	ug/L	94
16) Methylene chloride	2.455	84	281563	45.719	ug/L	92
17) trans-1,2-Dichloroethene	2.703	96	246386	46.249	ug/L	95
18) Methyl tert-butyl Ether	2.709	73	790608	49.284	ug/L	99
19) 1,1-Dichloroethane	3.118	63	511302	46.194	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	276146	48.272	ug/L	89
22) 2-Butanone	3.867	43	430284	102.233	ug/L	93
23) Bromochloromethane	4.153	128	143126	46.869	ug/L	87
25) Chloroform	4.278	83	505260	46.358	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	385432	46.803	ug/L	98
29) Cyclohexane	4.587	56	450243	50.661	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	431210	47.155	ug/L	97
31) Carbon tetrachloride	4.735	117	372506	46.936	ug/L	98
33) Benzene	5.008	78	1076373	49.223	ug/L	100
34) Trichloroethene	5.831	95	273619	47.208	ug/L	97
35) Methylcyclohexane	6.047	83	454719	50.023	ug/L	96
37) 1,2-Dichloropropane	6.088	63	304299	48.299	ug/L	99
38) Bromodichloromethane	6.429	83	384573	47.045	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	468905	51.804	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	937008	108.796	ug/L	95
42) Toluene	7.307	91	1148856	50.887	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	449740	51.477	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	291743	47.242	ug/L	99
46) Tetrachloroethene	7.899	164	202100	47.413	ug/L	98
48) 2-Hexanone	8.063	43	718133	112.610	ug/L	94
49) Dibromochloromethane	8.169	129	298719	47.622	ug/L	99
50) 1,2-Dibromoethane	8.272	107	303160	47.766	ug/L	99
51) Chlorobenzene	8.805	112	728501	47.822	ug/L	99
52) Ethylbenzene	8.937	91	1244857	51.191	ug/L	100
53) m,p-Xylene	9.063	106	471465	52.828	ug/L	100
54) o-Xylene	9.468	106	448649	51.950	ug/L	100
55) Styrene	9.484	104	815956	54.251	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.165	83	487087	47.788	ug/L	98
59) Bromoform	9.654	173	217222	46.096	ug/L	99
60) Isopropylbenzene	9.857	105	1217052	50.593	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	386001	46.764	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	955284	51.039	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	968193	52.354	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	559365	48.665	ug/L	98
65) 1,4-Dichlorobenzene	11.198	146	583434	47.158	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	552979	47.626	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	109694	46.499	ug/L	93
69) 1,3,5-Trichlorobenzene	12.571	180	359479	47.305	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	310416	47.779	ug/L	99
71) Naphthalene	13.426	128	1202422	52.099	ug/L	99
72) 1,2,3-Trichlorobenzene	13.667	180	340441	50.232	ug/L	99

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

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