

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061125\
 Data File : VV038787.D
 Acq On : 11 Jun 2025 16:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050326

Quant Time: Jun 12 11:38:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060925WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 10 14:44:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	534932	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	553060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	313421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	189324	42.558	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.120%		
7) Chloroethane-d5	1.539	69	175926	43.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.400%		
11) 1,1-Dichloroethene-d2	2.066	65	94447	43.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.260%		
21) 2-Butanone-d5	3.786	46	386737	111.470	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.470%		
24) Chloroform-d	4.252	84	436638	46.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
26) 1,2-Dichloroethane-d4	4.941	65	268731	48.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.140%		
32) Benzene-d6	4.960	84	833753	47.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
36) 1,2-Dichloropropane-d6	5.985	67	275627	47.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.120%		
41) Toluene-d8	7.236	98	761308	49.407	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.820%		
43) trans-1,3-Dichloroprop...	7.548	79	121941	48.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.500%		
47) 2-Hexanone-d5	8.014	63	272986	113.532	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.530%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	437147	50.835	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.680%		
66) 1,2-Dichlorobenzene-d4	11.551	152	275593	45.307	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	288113	45.842	ug/L	99
3) Chloromethane	1.227	50	282339	44.446	ug/L	99
5) Vinyl chloride	1.294	62	315576	48.064	ug/L	100
6) Bromomethane	1.490	94	167568	51.389	ug/L	98
8) Chloroethane	1.558	64	186948	47.412	ug/L	99
9) Trichlorofluoromethane	1.722	101	414475	47.844	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	249918	48.746	ug/L	99
12) 1,1-Dichloroethene	2.079	96	220059	47.609	ug/L	89
13) Acetone	2.117	43	267855	114.493	ug/L	97
14) Carbon disulfide	2.249	76	664718	47.049	ug/L	100
15) Methyl Acetate	2.378	43	328574	52.883	ug/L	93
16) Methylene chloride	2.455	84	259104	48.217	ug/L	92
17) trans-1,2-Dichloroethene	2.703	96	228923	49.247	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	706199	50.452	ug/L	99
19) 1,1-Dichloroethane	3.117	63	475395	49.223	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	253294	50.744	ug/L	92
22) 2-Butanone	3.867	43	399274	108.720	ug/L	100
23) Bromochloromethane	4.153	128	136320	51.160	ug/L	88
25) Chloroform	4.278	83	478193	50.282	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	367547	51.150	ug/L	98
29) Cyclohexane	4.587	56	401834	50.821	ug/L	95
30) 1,1,1-Trichloroethane	4.516	97	399892	49.153	ug/L	97
31) Carbon tetrachloride	4.738	117	343899	48.705	ug/L	99
33) Benzene	5.011	78	1004052	51.610	ug/L	100
34) Trichloroethene	5.831	95	253645	49.189	ug/L	98
35) Methylcyclohexane	6.047	83	408802	50.550	ug/L	97
37) 1,2-Dichloropropane	6.088	63	278133	49.621	ug/L	99
38) Bromodichloromethane	6.429	83	357615	49.172	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	422780	52.501	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	885038	115.506	ug/L	95
42) Toluene	7.310	91	1064684	53.008	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	407579	52.437	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	273217	49.729	ug/L	98
46) Tetrachloroethene	7.899	164	187708	49.498	ug/L	98
48) 2-Hexanone	8.066	43	700373	123.446	ug/L	93
49) Dibromochloromethane	8.169	129	282120	50.554	ug/L	99
50) 1,2-Dibromoethane	8.275	107	285971	50.646	ug/L	99
51) Chlorobenzene	8.805	112	681291	50.269	ug/L	98
52) Ethylbenzene	8.937	91	1147153	53.024	ug/L	100
53) m,p-Xylene	9.066	106	434473	54.720	ug/L	99
54) o-Xylene	9.471	106	416177	54.166	ug/L	99
55) Styrene	9.487	104	769691	57.522	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	477354	52.642	ug/L	100
59) Bromoform	9.654	173	209600	47.928	ug/L	99
60) Isopropylbenzene	9.860	105	1131418	50.680	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	372015	48.564	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	885770	50.995	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	908382	52.930	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	529367	49.626	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	550799	47.973	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	528143	49.015	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	109648	50.084	ug/L	91
69) 1,3,5-Trichlorobenzene	12.570	180	338552	48.006	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	286075	47.447	ug/L	99
71) Naphthalene	13.426	128	1139469	53.200	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	317838	50.534	ug/L	100

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

