

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039041.D
 Acq On : 11 Sep 2025 12:17
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

Quant Time: Sep 12 01:34:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	916879	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	905472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	494426	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	834976	105.535	ug/L	0.00
7) Chloroethane-d5	1.542	69	656213	93.715	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	370824	97.779	ug/L	0.00
21) 2-Butanone-d5	3.783	46	673673	122.051	ug/L	0.00
24) Chloroform-d	4.249	84	1418690	88.696	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	822058	88.937	ug/L	0.00
32) Benzene-d6	4.960	84	2769073	97.665	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	844017	90.570	ug/L	0.00
41) Toluene-d8	7.236	98	2575184	101.452	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	436585	104.508	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	549911	150.063	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	1225127	88.545	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	964869	100.086	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	654268	64.616	ug/L	99
3) Chloromethane	1.230	50	722049	69.446	ug/L	99
5) Vinyl chloride	1.298	62	857150	78.683	ug/L	100
6) Bromomethane	1.494	94	490603	89.506	ug/L	97
8) Chloroethane	1.558	64	521820	79.248	ug/L	100
9) Trichlorofluoromethane	1.725	101	1186632	81.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	743821	85.154	ug/L	100
12) 1,1-Dichloroethene	2.079	96	673815	85.891	ug/L	96
13) Acetone	2.117	43	1010862	236.934	ug/L	99
14) Carbon disulfide	2.252	76	2188050	90.710	ug/L	99
15) Methyl Acetate	2.378	43	857033	85.131	ug/L	98
16) Methylene chloride	2.455	84	778713	86.819	ug/L	95
17) trans-1,2-Dichloroethene	2.703	96	697970	89.123	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	2112350	90.410	ug/L	99
19) 1,1-Dichloroethane	3.117	63	1260294	78.838	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	784361	93.459	ug/L	99
22) 2-Butanone	3.857	43	1078501	179.991	ug/L	98
23) Bromochloromethane	4.149	128	395423	88.514	ug/L	99
25) Chloroform	4.278	83	1339958	84.166	ug/L	98
27) 1,2-Dichloroethane	5.037	62	1007336	84.306	ug/L	99
29) Cyclohexane	4.584	56	1218603	96.695	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	1172795	88.895	ug/L	99
31) Carbon tetrachloride	4.735	117	1046217	90.706	ug/L	99
33) Benzene	5.008	78	2866935	91.514	ug/L	100
34) Trichloroethene	5.828	95	760551	91.571	ug/L	99
35) Methylcyclohexane	6.047	83	1307427	99.609	ug/L	98
37) 1,2-Dichloropropane	6.088	63	753710	84.521	ug/L	100
38) Bromodichloromethane	6.426	83	1024137	87.022	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	1283286	99.294	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	1974806	164.686	ug/L	98
42) Toluene	7.307	91	3108237	94.871	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	1205990	95.214	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091125\
 Data File : VV039041.D
 Acq On : 11 Sep 2025 12:17
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

Quant Time: Sep 12 01:34:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM091125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 12 01:30:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	768283	85.791	ug/L	98
46) Tetrachloroethene	7.895	164	586553	94.748	ug/L	99
48) 2-Hexanone	8.063	43	1529573	176.371	ug/L	99
49) Dibromochloromethane	8.165	129	820864	90.602	ug/L	99
50) 1,2-Dibromoethane	8.271	107	823989	90.541	ug/L	100
51) Chlorobenzene	8.802	112	1983931	90.692	ug/L	98
52) Ethylbenzene	8.934	91	3458124	98.836	ug/L	100
53) m,p-Xylene	9.062	106	1340784	104.317	ug/L	99
54) o-Xylene	9.468	106	1297889	104.333	ug/L	99
55) Styrene	9.484	104	2284356	105.670	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	1234534	85.101	ug/L	99
59) Bromoform	9.651	173	622173	90.273	ug/L	100
60) Isopropylbenzene	9.857	105	3515200	100.486	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	916761	77.814	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	2854715	104.626	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	2951304	109.859	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	1631105	97.543	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	1687729	93.761	ug/L	98
67) 1,2-Dichlorobenzene	11.564	146	1626232	96.230	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	279296	82.511	ug/L	97
69) 1,3,5-Trichlorobenzene	12.567	180	1069526	96.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.184	180	962430	101.766	ug/L	99
71) Naphthalene	13.422	128	3427669	102.840	ug/L	100
72) 1,2,3-Trichlorobenzene	13.664	180	996102	100.549	ug/L	99

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

