

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039407.D
 Acq On : 19 Nov 2025 11:24
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010263

Quant Time: Nov 20 03:24:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	307731	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	341484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	252767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	449231	10.627	ug/L	0.00
7) Chloroethane-d5	1.542	69	380051	12.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	205738	11.611	ug/L	0.00
20) 2-Butanone-d5	3.780	46	781385	136.771	ug/L	-0.01
24) Chloroform-d	4.249	84	978406	14.825	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	434866	14.544	ug/L	0.00
32) Benzene-d6	4.957	84	1870560	14.617	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	542311	11.584	ug/L	0.00
41) Toluene-d8	7.233	98	1787947	15.743	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	200761	14.053	ug/L	0.00
46) 2-Hexanone-d5	8.008	63	665904	149.930	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	361928	12.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	592372	12.601	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	347544	8.801	ug/L	98
3) Chloromethane	1.227	50	242233	5.638	ug/L	99
5) Vinyl chloride	1.294	62	294083	7.062	ug/L	99
6) Bromomethane	1.497	94	173550	8.097	ug/L	99
8) Chloroethane	1.561	64	208543	8.085	ug/L	99
9) Trichlorofluoromethane	1.725	101	565626	9.779	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	364674	10.757	ug/L	98
12) 1,1-Dichloroethene	2.082	96	266056	8.816	ug/L	96
13) Acetone	2.117	43	554013	124.546	ug/L	99
14) Carbon disulfide	2.252	76	431842	4.586	ug/L	100
15) Methyl Acetate	2.384	43	125164	11.027	ug/L	94
16) Methylene chloride	2.455	84	392121	11.139	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	705480	12.148	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	292015	9.588	ug/L	99
19) 1,1-Dichloroethane	3.117	63	723280	11.328	ug/L	100
21) 2-Butanone	3.860	43	804252	125.483	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	381335	12.008	ug/L	99
23) Bromochloromethane	4.146	128	165518	11.530	ug/L	95
25) Chloroform	4.275	83	796052	12.287	ug/L	99
27) 1,2-Dichloroethane	5.037	62	419287	11.942	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	665910	11.479	ug/L	98
30) Cyclohexane	4.584	56	420542	8.588	ug/L	97
31) Carbon tetrachloride	4.731	117	578576	11.260	ug/L	98
33) Benzene	5.008	78	1430358	10.839	ug/L	100
34) Trichloroethene	5.828	95	367426	10.907	ug/L	97
35) Methylcyclohexane	6.043	83	456110	9.012	ug/L	99
37) 1,2-Dichloropropane	6.085	63	424565	11.970	ug/L #	96
38) Bromodichloromethane	6.426	83	545630	11.568	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	558831	12.005	ug/L	98
40) 4-Methyl-2-pentanone	7.143	43	2087312	129.649	ug/L	99
42) Toluene	7.307	91	1616620	11.994	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	471391	11.954	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	286558	11.266	ug/L	97
47) Tetrachloroethene	7.895	164	327594	12.174	ug/L	95
48) 2-Hexanone	8.059	43	1482859	134.916	ug/L	99
49) Dibromochloromethane	8.165	129	363036	12.598	ug/L	99
50) 1,2-Dibromoethane	8.271	107	247875	11.257	ug/L	94
51) Chlorobenzene	8.802	112	1069045	11.949	ug/L	99
52) Ethylbenzene	8.934	91	1776027	12.736	ug/L	99
53) m,p-Xylene	9.062	106	696672	13.191	ug/L	99
54) o-Xylene	9.468	106	663049	13.228	ug/L	97
55) Styrene	9.484	104	1220842	14.129	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.165	83	331175	11.358	ug/L	99
59) Bromoform	9.654	173	219403	10.998	ug/L	98
60) Isopropylbenzene	9.853	105	1887752	10.494	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	221090	8.645	ug/L	96
62) 1,3,5-Trimethylbenzene	10.464	105	1468231	10.632	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	1503718	10.885	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	978889	11.016	ug/L	98
65) 1,4-Dichlorobenzene	11.194	146	984581	10.533	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	879756	10.802	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.352	75	46279	8.348	ug/L	93
69) 1,3,5-Trichlorobenzene	12.567	180	717440	12.129	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	552061	11.857	ug/L	98
71) Naphthalene	13.426	128	725484	10.158	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	510962	12.118	ug/L	99

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

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