

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111825\
 Data File : VV039402.D
 Acq On : 18 Nov 2025 12:17
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050332

Quant Time: Nov 19 03:47:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 19 03:46:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	1137308	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1138618	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	682998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	513442	46.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.640%
7) Chloroethane-d5	1.542	69	390060	47.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.280%
11) 1,1-Dichloroethene-d2	2.069	65	219449	47.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.080%
21) 2-Butanone-d5	3.780	46	527002	90.049	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.050%
24) Chloroform-d	4.246	84	879907	47.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.934	65	535880	46.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
32) Benzene-d6	4.953	84	1685154	49.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	5.979	67	510841	48.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.380%
41) Toluene-d8	7.233	98	1585417	50.545	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.100%
43) trans-1,3-Dichloroprop...	7.542	79	255716	47.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.640%
47) 2-Hexanone-d5	8.011	63	382242	94.399	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.400%
56) 1,1,2,2-Tetrachloroeth...	10.136	84	725510	46.827	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	11.545	152	615085	47.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	396542	49.698	ug/L	99
3) Chloromethane	1.230	50	429687	49.123	ug/L	97
5) Vinyl chloride	1.294	62	486002	49.311	ug/L	100
6) Bromomethane	1.497	94	291835	53.166	ug/L	97
8) Chloroethane	1.561	64	319032	49.178	ug/L	97
9) Trichlorofluoromethane	1.725	101	779371	48.883	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	474325	48.961	ug/L	100
12) 1,1-Dichloroethene	2.079	96	403441	48.368	ug/L	98
13) Acetone	2.114	43	677718	85.538	ug/L	100
14) Carbon disulfide	2.249	76	1162539	49.105	ug/L	100
15) Methyl Acetate	2.378	43	499242	48.491	ug/L	99
16) Methylene chloride	2.455	84	469888	48.096	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	434015	49.902	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	1318452	49.658	ug/L	99
19) 1,1-Dichloroethane	3.114	63	844218	48.976	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	475963	50.816	ug/L	99
22) 2-Butanone	3.857	43	728475	92.425	ug/L	98
23) Bromochloromethane	4.146	128	277545	50.178	ug/L	99
25) Chloroform	4.272	83	912897	48.500	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	680773	49.073	ug/L	99
29) Cyclohexane	4.580	56	708138	52.539	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	799125	49.616	ug/L	99
31) Carbon tetrachloride	4.731	117	728271	49.123	ug/L	100
33) Benzene	5.005	78	1835535	51.630	ug/L	100
34) Trichloroethene	5.825	95	480734	50.052	ug/L	100
35) Methylcyclohexane	6.043	83	747991	52.994	ug/L	100
37) 1,2-Dichloropropane	6.082	63	496888	49.423	ug/L	99
38) Bromodichloromethane	6.423	83	678084	48.515	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	785776	50.755	ug/L	99
40) 4-Methyl-2-pentanone	7.143	43	1339700	105.990	ug/L	100
42) Toluene	7.304	91	2012959	53.427	ug/L	99
44) trans-1,3-Dichloropropene	7.567	75	767867	51.451	ug/L	99
45) 1,1,2-Trichloroethane	7.757	97	512691	49.028	ug/L	99
46) Tetrachloroethene	7.892	164	435103	49.315	ug/L	98
48) 2-Hexanone	8.059	43	1090899	103.309	ug/L	98
49) Dibromochloromethane	8.162	129	582747	48.782	ug/L	99
50) 1,2-Dibromoethane	8.268	107	539136	47.859	ug/L	99
51) Chlorobenzene	8.802	112	1330093	49.249	ug/L	99
52) Ethylbenzene	8.934	91	2183836	53.323	ug/L	100
53) m,p-Xylene	9.059	106	847470	54.062	ug/L	99
54) o-Xylene	9.464	106	805550	53.776	ug/L	100
55) Styrene	9.480	104	1475354	56.003	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.162	83	812774	48.373	ug/L	97
59) Bromoform	9.651	173	476115	45.548	ug/L	99
60) Isopropylbenzene	9.853	105	2188937	52.654	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	621656	46.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.461	105	1728173	53.230	ug/L	100
63) 1,2,4-Trimethylbenzene	10.837	105	1730857	54.220	ug/L	100
64) 1,3-Dichlorobenzene	11.101	146	1128134	49.846	ug/L	100
65) 1,4-Dichlorobenzene	11.194	146	1178476	48.331	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	1107142	48.982	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	168524	45.073	ug/L	97
69) 1,3,5-Trichlorobenzene	12.567	180	792485	49.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	685261	48.782	ug/L	100
71) Naphthalene	13.422	128	2017000	50.996	ug/L	100
72) 1,2,3-Trichlorobenzene	13.664	180	749403	51.492	ug/L	99

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

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