

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092225\
 Data File : VU063615.D
 Acq On : 22 Sep 2025 11:37
 Operator : MD/SY
 Sample : VSTD10042
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100042

Quant Time: Sep 23 05:13:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 23 05:11:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	267023	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	264146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	145503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	179888	91.316	ug/L	0.00
7) Chloroethane-d5	1.894	69	154922	82.317	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	63	324432	87.130	ug/L	0.00
21) 2-Butanone-d5	4.608	46	267434	162.251	ug/L	0.00
24) Chloroform-d	5.045	84	351781	85.617	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	227017	89.565	ug/L	0.00
32) Benzene-d6	5.714	84	660203	86.411	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	214855	83.281	ug/L	0.00
41) Toluene-d8	7.888	98	628861	93.233	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	81586	80.698	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	165647	174.235	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	333463	84.074	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	253521	96.922	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	142994	60.498	ug/L	99
3) Chloromethane	1.515	50	180511	66.340	ug/L	100
5) Vinyl chloride	1.599	62	215278	71.702	ug/L	99
6) Bromomethane	1.833	94	132214	76.816	ug/L	99
8) Chloroethane	1.917	64	142814	74.712	ug/L	98
9) Trichlorofluoromethane	2.123	101	312358	84.952	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	176401	81.168	ug/L	98
12) 1,1-Dichloroethene	2.563	96	155899	81.446	ug/L	86
13) Acetone	2.615	43	288124	221.857	ug/L	99
14) Carbon disulfide	2.779	76	412355	67.515	ug/L	100
15) Methyl Acetate	2.936	43	217829	82.252	ug/L	99
16) Methylene chloride	3.029	84	188126	75.908	ug/L	98
17) trans-1,2-Dichloroethene	3.338	96	171462	83.432	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	548470	87.802	ug/L	100
19) 1,1-Dichloroethane	3.853	63	339563	78.927	ug/L	98
20) cis-1,2-Dichloroethene	4.650	96	201389	85.887	ug/L	94
22) 2-Butanone	4.688	43	345657	182.843	ug/L	100
23) Bromochloromethane	4.959	128	105213	83.692	ug/L	99
25) Chloroform	5.071	83	363849	83.715	ug/L	100
27) 1,2-Dichloroethane	5.778	62	298540	87.045	ug/L	99
29) Cyclohexane	5.370	56	318701	92.790	ug/L	100
30) 1,1,1-Trichloroethane	5.299	97	291673	88.662	ug/L	99
31) Carbon tetrachloride	5.512	117	239283	88.015	ug/L	98
33) Benzene	5.759	78	765990	86.004	ug/L	100
34) Trichloroethene	6.531	95	217160	94.156	ug/L	100
35) Methylcyclohexane	6.750	83	309440	90.464	ug/L	100
37) 1,2-Dichloropropane	6.778	63	210510	80.594	ug/L	100
38) Bromodichloromethane	7.094	83	257542	83.079	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	292534	83.490	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	610727	184.566	ug/L	100
42) Toluene	7.958	91	847057	90.883	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	247891	76.917	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092225\
 Data File : VU063615.D
 Acq On : 22 Sep 2025 11:37
 Operator : MD/SY
 Sample : VSTD10042
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100042

Quant Time: Sep 23 05:13:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 23 05:11:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	202599	83.467	ug/L	98
46) Tetrachloroethene	8.544	164	160394	93.429	ug/L	97
48) 2-Hexanone	8.672	43	482941	190.061	ug/L	99
49) Dibromochloromethane	8.798	129	199402	87.720	ug/L	99
50) 1,2-Dibromoethane	8.913	107	214265	86.357	ug/L	96
51) Chlorobenzene	9.438	112	560181	91.512	ug/L	100
52) Ethylbenzene	9.560	91	955895	96.252	ug/L	99
53) m,p-Xylene	9.685	106	371859	102.126	ug/L	100
54) o-Xylene	10.090	106	365006	103.743	ug/L	92
55) Styrene	10.106	104	607510	102.198	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	349580	81.533	ug/L	99
59) Bromoform	10.280	173	146038	79.072	ug/L	98
60) 1,2,3-Trichloropropane	10.810	75	283237	82.723	ug/L	99
61) Isopropylbenzene	10.476	105	967603	100.472	ug/L	100
62) 1,3,5-Trimethylbenzene	11.077	105	830390	109.558	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	816898	113.460	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	448420	94.962	ug/L	100
65) 1,4-Dichlorobenzene	11.826	146	457850	94.608	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	441202	92.472	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	72773	80.203	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	328087	101.681	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	282615	112.250	ug/L	100
71) Naphthalene	14.077	128	790785	116.433	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	266312	108.732	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092225\
Data File : VU063615.D
Acq On : 22 Sep 2025 11:37
Operator : MD/SY
Sample : VSTD10042
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD100042

Quant Time: Sep 23 05:13:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092225WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 23 05:11:23 2025
Response via : Initial Calibration

