

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063600.D
 Acq On : 17 Sep 2025 10:44
 Operator : MD/SY
 Sample : VSTD01024
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010024

Quant Time: Sep 18 05:59:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 05:57:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	157496	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	79334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	81300	10.041	ug/L	0.00
7) Chloroethane-d5	1.895	69	78543	10.091	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	37260	9.646	ug/L	0.00
20) 2-Butanone-d5	4.608	46	251915	108.119	ug/L	0.00
24) Chloroform-d	5.046	84	194510	10.053	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.686	65	102040	10.244	ug/L	0.00
32) Benzene-d6	5.711	84	358697	10.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	115585	9.983	ug/L	0.00
41) Toluene-d8	7.885	98	331253	10.320	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	32502	10.253	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	181254	108.543	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	96396	10.327	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	120821	9.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	119042	9.497	ug/L	99
3) Chloromethane	1.515	50	131501	9.478	ug/L	100
5) Vinyl chloride	1.596	62	144503	9.732	ug/L	99
6) Bromomethane	1.834	94	81922	9.338	ug/L	94
8) Chloroethane	1.914	64	88963	9.708	ug/L	98
9) Trichlorofluoromethane	2.123	101	191475	9.854	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	105173	9.569	ug/L	99
12) 1,1-Dichloroethene	2.563	96	98779	9.697	ug/L	91
13) Acetone	2.615	43	195077	95.323	ug/L	98
14) Carbon disulfide	2.776	76	271249	10.078	ug/L	100
15) Methyl Acetate	2.940	43	45156	9.742	ug/L	98
16) Methylene chloride	3.026	84	112289	9.419	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	252875	10.069	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	105473	10.019	ug/L	95
19) 1,1-Dichloroethane	3.850	63	213957	9.979	ug/L	99
21) 2-Butanone	4.689	43	290241	104.666	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	119245	9.961	ug/L	97
23) Bromochloromethane	4.956	128	53720	10.131	ug/L	93
25) Chloroform	5.071	83	218561	9.944	ug/L	98
27) 1,2-Dichloroethane	5.779	62	143247	9.834	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	171874	10.068	ug/L	98
30) Cyclohexane	5.370	56	195898	9.727	ug/L	98
31) Carbon tetrachloride	5.509	117	139125	10.409	ug/L	99
33) Benzene	5.759	78	470900	10.114	ug/L	100
34) Trichloroethene	6.528	95	126126	9.878	ug/L	99
35) Methylcyclohexane	6.750	83	190488	9.780	ug/L	98
37) 1,2-Dichloropropane	6.775	63	123618	9.802	ug/L	100
38) Bromodichloromethane	7.091	83	137276	10.177	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	153925	10.762	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	757622	104.953	ug/L	99
42) Toluene	7.959	91	507453	10.162	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	113676	10.818	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	87391	10.121	ug/L	99
47) Tetrachloroethene	8.541	164	96579	9.908	ug/L	96
48) 2-Hexanone	8.673	43	530106	108.018	ug/L	99
49) Dibromochloromethane	8.798	129	84820	10.745	ug/L	100
50) 1,2-Dibromoethane	8.914	107	78275	10.162	ug/L	100
51) Chlorobenzene	9.435	112	316584	9.790	ug/L	99
52) Ethylbenzene	9.560	91	558069	10.154	ug/L	99
53) m,p-Xylene	9.685	106	212222	10.292	ug/L	96
54) o-Xylene	10.090	106	206492	10.349	ug/L	100
55) Styrene	10.103	104	343569	10.496	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.769	83	103505	10.035	ug/L	93
59) Bromoform	10.280	173	44167	10.283	ug/L	96
60) Isopropylbenzene	10.473	105	558570	9.787	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	76509	9.730	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	471253	10.155	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	454759	10.262	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	249332	9.749	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	247046	9.567	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	228921	9.588	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	13290	10.945	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	184849	9.658	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	148089	10.025	ug/L	99
71) Naphthalene	14.077	128	233573	10.567	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	129454	10.208	ug/L	97

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

