

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063599.D
 Acq On : 17 Sep 2025 10:20
 Operator : MD/SY
 Sample : VSTD00523
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005023

Quant Time: Sep 18 05:59:09 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	6.239	114	154463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	145816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39202	4.937	ug/L	0.00
7) Chloroethane-d5	1.898	69	38214	5.006	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.551	65	18404	4.858	ug/L	0.00
20) 2-Butanone-d5	4.615	46	114476	50.097	ug/L	0.00
24) Chloroform-d	5.049	84	93871	4.947	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	48969	5.013	ug/L	0.00
32) Benzene-d6	5.714	84	176616	5.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	55197	4.871	ug/L	0.00
41) Toluene-d8	7.888	98	158715	5.052	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	15593	5.026	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	81644	49.952	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46029	5.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	56389	4.902	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	61701	5.019	ug/L	100
3) Chloromethane	1.515	50	67120	4.933	ug/L	100
5) Vinyl chloride	1.596	62	74072	5.086	ug/L	100
6) Bromomethane	1.840	94	42682	4.960	ug/L	100
8) Chloroethane	1.920	64	45172	5.026	ug/L	100
9) Trichlorofluoromethane	2.126	101	95763	5.025	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	54087	5.018	ug/L	100
12) 1,1-Dichloroethene	2.563	96	48577	4.862	ug/L	100
13) Acetone	2.618	43	99991	49.819	ug/L	100
14) Carbon disulfide	2.779	76	129746	4.915	ug/L	100
15) Methyl Acetate	2.946	43	22814	5.019	ug/L	100
16) Methylene chloride	3.030	84	56868	4.864	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	122203	4.961	ug/L	100
18) trans-1,2-Dichloroethene	3.342	96	52172	5.053	ug/L	100
19) 1,1-Dichloroethane	3.853	63	105934	5.038	ug/L	100
21) 2-Butanone	4.695	43	136010	50.011	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	59770	5.091	ug/L	100
23) Bromochloromethane	4.962	128	27229	5.236	ug/L	100
25) Chloroform	5.075	83	109280	5.070	ug/L	100
27) 1,2-Dichloroethane	5.782	62	70394	4.927	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	83220	4.980	ug/L	100
30) Cyclohexane	5.374	56	99107	5.028	ug/L	100
31) Carbon tetrachloride	5.509	117	66163	5.057	ug/L	100
33) Benzene	5.759	78	233689	5.128	ug/L	100
34) Trichloroethene	6.531	95	62724	5.019	ug/L	100
35) Methylcyclohexane	6.750	83	94361	4.950	ug/L	100
37) 1,2-Dichloropropane	6.779	63	60605	4.910	ug/L	100
38) Bromodichloromethane	7.094	83	66682	5.051	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	69761	4.983	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	359494	50.881	ug/L	100
42) Toluene	7.959	91	242676	4.965	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	50262	4.887	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	43057	5.095	ug/L	100
47) Tetrachloroethene	8.544	164	46675	4.892	ug/L	100
48) 2-Hexanone	8.673	43	246679	51.355	ug/L	100
49) Dibromochloromethane	8.798	129	37934	4.910	ug/L	100
50) 1,2-Dibromoethane	8.914	107	39012	5.175	ug/L	100
51) Chlorobenzene	9.438	112	158240	5.000	ug/L	100
52) Ethylbenzene	9.560	91	271087	5.039	ug/L	100
53) m,p-Xylene	9.685	106	106009	5.253	ug/L	100
54) o-Xylene	10.090	106	101178	5.181	ug/L	100
55) Styrene	10.107	104	166308	5.191	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	50182	4.971	ug/L	100
59) Bromoform	10.280	173	19591	4.888	ug/L	100
60) Isopropylbenzene	10.473	105	271839	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	37448	5.103	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	222351	5.134	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	212913	5.148	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	121890	5.107	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	120820	5.014	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	112358	5.043	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6041	5.331	ug/L	100
69) 1,3,5-Trichlorobenzene	13.209	180	89219	4.995	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	65841	4.776	ug/L	100
71) Naphthalene	14.081	128	93440	4.530	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	57258	4.838	ug/L	100

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

