

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063601.D
 Acq On : 17 Sep 2025 11:08
 Operator : MD/SY
 Sample : VSTD02025
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020025

Quant Time: Sep 18 06:00:36 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	148688	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	141799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	164555	21.528	ug/L	0.00
7) Chloroethane-d5	1.888	69	157232	21.398	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.547	65	76025	20.847	ug/L	0.00
20) 2-Butanone-d5	4.605	46	548990	249.578	ug/L	0.00
24) Chloroform-d	5.042	84	397847	21.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.685	65	211326	22.473	ug/L	0.00
32) Benzene-d6	5.711	84	746122	21.912	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.676	67	240643	21.836	ug/L	0.00
41) Toluene-d8	7.885	98	691099	22.621	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	77755	25.771	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	403452	253.837	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	201659	22.698	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	259876	21.768	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	251040	21.215	ug/L	100
3) Chloromethane	1.515	50	272518	20.805	ug/L	99
5) Vinyl chloride	1.595	62	300193	21.414	ug/L	98
6) Bromomethane	1.827	94	172180	20.788	ug/L	95
8) Chloroethane	1.911	64	181797	21.014	ug/L	98
9) Trichlorofluoromethane	2.120	101	393717	21.463	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	222519	21.446	ug/L	99
12) 1,1-Dichloroethene	2.560	96	206016	21.422	ug/L	92
13) Acetone	2.615	43	418360	216.538	ug/L	99
14) Carbon disulfide	2.776	76	598382	23.549	ug/L	100
15) Methyl Acetate	2.939	43	93512	21.369	ug/L	99
16) Methylene chloride	3.026	84	230908	20.516	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	535647	22.592	ug/L	99
18) trans-1,2-Dichloroethene	3.335	96	221357	22.273	ug/L	99
19) 1,1-Dichloroethane	3.849	63	440318	21.752	ug/L	100
21) 2-Butanone	4.685	43	666428	254.563	ug/L	97
22) cis-1,2-Dichloroethene	4.647	96	252908	22.377	ug/L	98
23) Bromochloromethane	4.955	128	112280	22.428	ug/L	97
25) Chloroform	5.068	83	447712	21.577	ug/L	99
27) 1,2-Dichloroethane	5.775	62	298669	21.718	ug/L	99
29) 1,1,1-Trichloroethane	5.296	97	371306	22.851	ug/L	98
30) Cyclohexane	5.370	56	431788	22.526	ug/L	98
31) Carbon tetrachloride	5.505	117	310959	24.442	ug/L	99
33) Benzene	5.756	78	970292	21.896	ug/L	100
34) Trichloroethene	6.528	95	262556	21.604	ug/L	98
35) Methylcyclohexane	6.746	83	409321	22.080	ug/L	99
37) 1,2-Dichloropropane	6.775	63	260951	21.738	ug/L	99
38) Bromodichloromethane	7.090	83	296376	23.084	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	351941	25.852	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	1596189	232.315	ug/L	98
42) Toluene	7.955	91	1068120	22.474	ug/L	99
44) trans-1,3-Dichloropropene	8.197	75	259460	25.942	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.386	97	181280	22.058	ug/L	97
47) Tetrachloroethene	8.541	164	199822	21.537	ug/L	99
48) 2-Hexanone	8.672	43	1164771	249.358	ug/L	99
49) Dibromochloromethane	8.798	129	187806	24.996	ug/L	98
50) 1,2-Dibromoethane	8.910	107	167668	22.870	ug/L	98
51) Chlorobenzene	9.434	112	671816	21.827	ug/L	98
52) Ethylbenzene	9.560	91	1181922	22.593	ug/L	98
53) m,p-Xylene	9.682	106	452546	23.059	ug/L	96
54) o-Xylene	10.090	106	439508	23.142	ug/L	95
55) Styrene	10.103	104	739907	23.749	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	223113	22.726	ug/L	98
59) Bromoform	10.280	173	99273	23.863	ug/L	97
60) Isopropylbenzene	10.473	105	1186618	21.467	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	161058	21.147	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	1025722	22.820	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	997872	23.249	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	538224	21.728	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	536532	21.453	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	494845	21.400	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	29654	25.214	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	408651	22.045	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	334198	23.359	ug/L	99
71) Naphthalene	14.077	128	542448	25.337	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	291077	23.699	ug/L	98

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

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