

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063741.D
 Acq On : 19 Nov 2025 11:00
 Operator : MD/SY
 Sample : VSTD00529
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

Quant Time: Nov 20 02:50:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 02:48:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	165201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	165708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	107745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	90704	8.685	ug/L	0.00
7) Chloroethane-d5	1.894	69	79396	8.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.541	65	42162	8.516	ug/L	0.00
20) 2-Butanone-d5	4.592	46	157736	61.016	ug/L	0.00
24) Chloroform-d	5.029	84	191450	7.998	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.672	65	96714	7.677	ug/L	0.00
32) Benzene-d6	5.695	84	372461	7.982	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.660	67	106652	7.287	ug/L	0.00
41) Toluene-d8	7.872	98	353079	8.286	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.155	79	33290	8.024	ug/L	0.00
46) 2-Hexanone-d5	8.608	63	119027	60.654	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.730	84	78109	6.843	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.167	152	118519	6.513	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	64941	4.955	ug/L	100
3) Chloromethane	1.509	50	47084	3.471	ug/L	100
5) Vinyl chloride	1.589	62	62863	4.213	ug/L	100
6) Bromomethane	1.840	94	40011	4.457	ug/L	100
8) Chloroethane	1.914	64	45949	4.828	ug/L	100
9) Trichlorofluoromethane	2.116	101	121581	5.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	75707	6.184	ug/L	100
12) 1,1-Dichloroethene	2.557	96	58178	5.321	ug/L	100
13) Acetone	2.602	43	124747	56.247	ug/L	100
14) Carbon disulfide	2.766	76	72772	2.844	ug/L	100
15) Methyl Acetate	2.930	43	23164	4.813	ug/L	100
16) Methylene chloride	3.017	84	71500	5.529	ug/L	100
17) Methyl tert-butyl Ether	3.335	73	187330	6.548	ug/L	100
18) trans-1,2-Dichloroethene	3.325	96	61119	5.431	ug/L	100
19) 1,1-Dichloroethane	3.833	63	141151	5.980	ug/L	100
21) 2-Butanone	4.672	43	174413	53.999	ug/L	100
22) cis-1,2-Dichloroethene	4.634	96	83499	6.259	ug/L	100
23) Bromochloromethane	4.943	128	34466	5.967	ug/L	100
25) Chloroform	5.055	83	164040	6.577	ug/L	100
27) 1,2-Dichloroethane	5.766	62	96313	5.974	ug/L	100
29) 1,1,1-Trichloroethane	5.283	97	128520	6.316	ug/L	100
30) Cyclohexane	5.354	56	93416	4.318	ug/L	100
31) Carbon tetrachloride	5.492	117	97553	6.189	ug/L	100
33) Benzene	5.743	78	295644	5.579	ug/L	100
34) Trichloroethene	6.515	95	83940	5.707	ug/L	100
35) Methylcyclohexane	6.733	83	100311	4.690	ug/L	100
37) 1,2-Dichloropropane	6.759	63	79731	5.513	ug/L	100
38) Bromodichloromethane	7.077	83	109180	6.682	ug/L	100
39) cis-1,3-Dichloropropene	7.579	75	106591	6.269	ug/L	100
40) 4-Methyl-2-pentanone	7.762	43	449840	54.895	ug/L	100
42) Toluene	7.942	91	341444	5.870	ug/L	100
44) trans-1,3-Dichloropropene	8.184	75	82308	6.483	ug/L	100

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45) 1,1,2-Trichloroethane	8.373	97	66493	6.452	ug/L	100
47) Tetrachloroethene	8.528	164	62878	5.596	ug/L	100
48) 2-Hexanone	8.659	43	314507	54.514	ug/L	100
49) Dibromochloromethane	8.782	129	66348	6.833	ug/L	100
50) 1,2-Dibromoethane	8.897	107	55930	6.193	ug/L	100
51) Chlorobenzene	9.421	112	238747	6.229	ug/L	100
52) Ethylbenzene	9.544	91	413054	6.322	ug/L	100
53) m,p-Xylene	9.669	106	155361	6.385	ug/L	100
54) o-Xylene	10.074	106	152291	6.429	ug/L	100
55) Styrene	10.090	104	257453	6.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.756	83	76772	6.261	ug/L	100
59) Bromoform	10.264	173	34509	5.682	ug/L	100
60) Isopropylbenzene	10.457	105	437627	5.526	ug/L	100
61) 1,2,3-Trichloropropane	10.798	75	54205	5.081	ug/L	100
62) 1,3,5-Trimethylbenzene	11.061	105	363672	5.627	ug/L	100
63) 1,2,4-Trimethylbenzene	11.441	105	352916	5.701	ug/L	100
64) 1,3-Dichlorobenzene	11.720	146	196482	5.535	ug/L	100
65) 1,4-Dichlorobenzene	11.810	146	197546	5.497	ug/L	100
67) 1,2-Dichlorobenzene	12.187	146	179548	5.430	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.968	75	9317	5.579	ug/L	100
69) 1,3,5-Trichlorobenzene	13.193	180	147076	5.512	ug/L	100
70) 1,2,4-trichlorobenzene	13.814	180	108635	5.280	ug/L	100
71) Naphthalene	14.061	128	139858	4.635	ug/L	100
72) 1,2,3-Trichlorobenzene	14.302	180	88911	5.096	ug/L	100

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

