

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063739.D
 Acq On : 19 Nov 2025 09:52
 Operator : MD/SY
 Sample : VSTD0.527
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5027

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

Quant Time: Nov 20 02:48:34 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	166020	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	167692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	99504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	8211	0.782	ug/L	0.00
7) Chloroethane-d5	1.895	69	6957	0.713	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.541	65	3793	0.762	ug/L	0.00
20) 2-Butanone-d5	4.653	46	11294m	4.347	ug/L	0.06
24) Chloroform-d	5.036	84	15711	0.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.682	65	8353	0.660	ug/L	0.00
32) Benzene-d6	5.701	84	30680	0.650	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.666	67	8231	0.556	ug/L	0.00
41) Toluene-d8	7.875	98	30388	0.705	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.161	79	2701	0.643	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	8010	4.033	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.730	84	5844	0.506	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.171	152	10807	0.643	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	5163	0.392	ug/L	97
3) Chloromethane	1.505	50	4421	0.324	ug/L	93
5) Vinyl chloride	1.589	62	5519	0.368	ug/L	98
6) Bromomethane	1.840	94	3473	0.385	ug/L	96
8) Chloroethane	1.914	64	4218	0.441	ug/L	97
9) Trichlorofluoromethane	2.120	101	10872	0.512	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	6112	0.497	ug/L	95
12) 1,1-Dichloroethene	2.557	96	4737	0.431	ug/L	80
13) Acetone	2.615	43	10775	4.834	ug/L	100
14) Carbon disulfide	2.769	76	8141	0.317	ug/L #	93
15) Methyl Acetate	2.939	43	2221m	0.459	ug/L	
16) Methylene chloride	3.020	84	7539	0.580	ug/L	90
17) Methyl tert-butyl Ether	3.338	73	15324	0.533	ug/L	94
18) trans-1,2-Dichloroethene	3.329	96	5351	0.473	ug/L	97
19) 1,1-Dichloroethane	3.840	63	12192	0.514	ug/L	96
21) 2-Butanone	4.721	43	14336m	4.417	ug/L	
22) cis-1,2-Dichloroethene	4.644	96	7066	0.527	ug/L	89
23) Bromochloromethane	4.949	128	3065	0.528	ug/L	85
25) Chloroform	5.058	83	14086	0.562	ug/L	100
27) 1,2-Dichloroethane	5.772	62	8055	0.497	ug/L	97
29) 1,1,1-Trichloroethane	5.280	97	10249	0.498	ug/L	98
30) Cyclohexane	5.351	56	7869	0.359	ug/L	92
31) Carbon tetrachloride	5.496	117	7561	0.474	ug/L	100
33) Benzene	5.750	78	24067	0.449	ug/L	100
34) Trichloroethene	6.518	95	8162	0.548	ug/L	86
35) Methylcyclohexane	6.737	83	8101	0.374	ug/L	98
37) 1,2-Dichloropropane	6.759	63	7323	0.500	ug/L #	89
38) Bromodichloromethane	7.081	83	8647	0.523	ug/L #	98
39) cis-1,3-Dichloropropene	7.589	75	8196	0.476	ug/L	99
40) 4-Methyl-2-pentanone	7.772	43	32585	3.929	ug/L	98
42) Toluene	7.946	91	26116	0.444	ug/L	98
44) trans-1,3-Dichloropropene	8.193	75	6073	0.473	ug/L	91

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45) 1,1,2-Trichloroethane	8.380	97	5230	0.501	ug/L	84
47) Tetrachloroethene	8.531	164	5820	0.512	ug/L	87
48) 2-Hexanone	8.669	43	25954m	4.445	ug/L	
49) Dibromochloromethane	8.785	129	5033	0.512	ug/L	93
50) 1,2-Dibromoethane	8.904	107	4689	0.513	ug/L #	97
51) Chlorobenzene	9.425	112	20566	0.530	ug/L	95
52) Ethylbenzene	9.547	91	34134	0.516	ug/L	99
53) m,p-Xylene	9.672	106	12885	0.523	ug/L	97
54) o-Xylene	10.077	106	12287	0.513	ug/L	94
55) Styrene	10.097	104	18315	0.462	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.759	83	6450	0.520	ug/L	99
59) Bromoform	10.267	173	2492	0.444	ug/L #	96
60) Isopropylbenzene	10.460	105	34053	0.466	ug/L	98
61) 1,2,3-Trichloropropane	10.804	75	4412	0.448	ug/L	98
62) 1,3,5-Trimethylbenzene	11.065	105	27672	0.464	ug/L	99
63) 1,2,4-Trimethylbenzene	11.447	105	26974	0.472	ug/L	98
64) 1,3-Dichlorobenzene	11.727	146	17628	0.538	ug/L	98
65) 1,4-Dichlorobenzene	11.814	146	18784	0.566	ug/L	97
67) 1,2-Dichlorobenzene	12.190	146	15554	0.509	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.981	75	612	0.397	ug/L	94
69) 1,3,5-Trichlorobenzene	13.196	180	11813	0.479	ug/L	98
70) 1,2,4-trichlorobenzene	13.817	180	9610	0.506	ug/L	99
71) Naphthalene	14.068	128	15074	0.541	ug/L	98
72) 1,2,3-Trichlorobenzene	14.306	180	8303	0.515	ug/L	98

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

